Project: WOMEN IN STEM ROADSHOW (WSR) IN INDIA

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Period: September 30, 2017 - September 29, 2018

Report by Prof. Sultana N. Nahar

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1. WSR Description

PROJECT: The US Department of State project "Women STEM in Roadshow" or "WSR" (Oct 1, 2017 - September 30, 2018) was completed on September 30, 2018 with success and enormous impact on the young inquisitive minds of female students from minority and disadvantaged groups in India on inspiring and choosing profession in the fields of STEM education and research. The objectives of the project were to give them inspiration, importance and their role in STEM education and research, scopes of and information on the study in the US universities and implement the knowledge in the development of India.

The goals of the funding opportunity are to: 1) Strengthen people-to-people ties between the United States and India through exchanges of information, experiences and expertise. 2) Support economic growth and development by creating awareness for girls and young women on higher education opportunities in the fields of science, technology, engineering and math (STEM). 3) Encourage more Indian students to consider higher education opportunities in the United States by interacting with U.S. university alumni in India and promoting EducationUSA.

LOCATIONS IN INDIA: The project focused on the students within the US Consulate Districts of Delhi, Hyderabad, and Kolkata. In consultation with the consulate office, we chose to hold Roadshow workshops at three Tier 1 cities, i) Delhi, ii) Hyderabad, iii) Kolkata, and three in their Tier 2 cities, iv) Aligarh, v) Kurnool, and vi) Patna. Participants traveled from and outside the workshop cities. Number of them traveled very long distances to attend, such as Kashmir for Delhi, Bollaram for Hyderabad, etc. Patna was happy for being selected for the workshop as the survey report states "It was very proud moment for us because there were multiple cities in India who wanted to host this Roadshow. We are lucky that our esteemed guests from USA picked Patna. The esteemed guests from USA are here to help us achieve success and fulfill our dreams for higher education."

2. WSR Workshops

WORKSHOP STRUCTURE: Project included 9 workshops, each of 2 days, and a year long monitoring and evaluation of STEM activities of the participants. The scheduled workshops are: 2 in Delhi, 2 in Hyderabad, 2 in Kolkata, 1 in Patna, 1 in Kurnool, 1 in Aligarh

Each workshop has been designed to demonstrate the importance of STEM and provide relevant scopes and tools had the structure of 3 main sessions i) Objectives, overview, why STEM, ii) Strategy for teaching and learning skills, train for the careers, iii) EducationUSA that provides information of US universities and how to apply for higher studies. It also included 2 Pre-sessions on survey and follow-up activity and impact reports, homework and communication network, and a Certificate ceremony.

Each workshop selected two Mentor Fellows from the participating teachers for grooming students in STEM fields and report activities.

The participating alumni shared their experiences and benefits of studying in US institutions and were engaged in answering questions to high schools to encourage them in STEM fields.

PARTICIPANTS: Participants of the workshops were i) mostly undergraduate students in the STEM fields from universities and colleges, ii) some high school students, iii) few teachers in STEM, and iv) one US alumna/alumnus.

The total number of participants from the 9 workshops was 388, that is, on the average 43 per workshop which is 8 -13 more than planned. The number corresponds to screening with selection criteria within the application period. There were lot more applications, especially in

Aligarh, Kurnool and Patna. About 30 participants arriving at the workshop after the full capacity in kurnool had to be turned away. Participating teachers in Hyderabad mentioned "We had to limit participation as the seats were limited for the workshop and there were large number of students who were disappointed as they could not participate."
The enthusiasm of participants created more interest in other students. The local experts and contacts have been receiving continued inquiries about when the next WSR workshops could be held.
It may be noted that the local experts and contacts visited many colleges and schools. Most of the applications came from Muslim female students. Administration of some colleges were not welcoming to the idea of minority and disadvantages and did not circulate the WSR flyer to the students.

i) Introduing the international experts, ii) certificate ceremony, iii) Chief Guest Dr. Heptullah interaction with participants

PERSONNEL AND PRESENTATIONS:

US team: - For the operation of the project, we had an excellent team of four from the USA,

• Prof. Karen Irving (Ph.D. in Chemistry, STEM Education at OSU) who spoke about teaching and learning skills,

• Prof. Anil K. Pradhan (Ph.D. in Physics, Director of Indo-US STEM Education and Research Center at OSU) who spoke about admission criteria and research aspect in the selection,

• Dr. Nasreen Haque (Ph.D. in Physics, President of Intalage Inc. USA involving teachers and students in the USA for STEM Education) who spoke about careers, resume, what are important essentials application and study in a US University,

• Prof. Sultana N. Nahar (myself) (Ph.D. in Physics, founder of STEM education and research program in many institutions in several countries and Director of WSR, OSU) spoke about the inherent need and presented demonstration of importance for STEM education and research, the role of women and how we can contribute to the advances.

India team: We also had a very dedicated and efficient team of Local Experts, Local Contacts, and student volunteers in each six locations. Each Local Expert presented women contributions and the need of women participation in the STEM fields in India and Local Contact on the importance of networking. The team members in India are:

Aligarh:: Prof. Farukh Arjmand, Dr. Sabiha Parveen, Swaleha Naseem, Siffeen Lehra (Chemistry), Dr. Mehammad Usman, Aashna Zainab, Aadil Rashid

Delhi: Dr. Noor-e-Zhahra (Ph.D. Engineering), Diskshya Bhatta (Dentistry), Juhaid Farooq, Shah Saaib Ahmad Rabbani

Hyderabad:: M. Nida Mir (B.Sc. Biotech), Captain M.S. Ali, Sara, Syeda Talat

Kolkata: - Madiha Ahmad (B.Sc.Hon. Botany), M. Sagheerul Islam (CEO, Sreemudranalaya Technology Pvt. Ltd.), Fatima Sultan, Ifra Nadeem

Kurnool:: Captain M.S. Ali, Abdul Aziz Siddiqui (District Coach), Dr. Jahanara Momin, Dr. Nasreen Haque

Patna:: Syed Hasanain (M.A.), Zoheb Hasan, Kaustabh Singh

US Alumni: Each workshop had an US alumna/alumnus in India who spoke about benefits of studying in the USA and took many questions from the participants. Number of them came via skype as we, both the OSU office at Mumbai and US Consulate, could not identify the alumni locally. Some of them interacted with high school students for inspiration and giving information on studying in the USA. One US alumnus M. Omar Hassan, who is an engineer in Dubai, trained at Purdue for B.Sc. and OSU for Masters, and originally from Kashmir, flew to Hyderabad workshop as he felt the obligation to inspire the students in the STEM fields.

Officials from US Consulates: Consulate officials visited and made presentations with inspiring stories in Delhi, Kolkata, Hyderabad, and Kurnool workshops. US Consulate Chief Donald Mulligan of Hyderabad started his speech with the exemplary entrepreneur woman Bibi Khadeeza, wife of Prophet Muhammad, to emphasize the power and capability of women. He also gave useful tips on US visa applications.

EducationUSA: One representative from the US consulate in the corresponding location made presentation on the scope and information of EducationUSA

Chief Guests: Each workshop had an exemplary Chief Guest, with or without a Guest of Honor, selected by their brilliant contributions to or strong support for women empowerment in STEM fields. They made presentations on experiences, courage, and support for the young minds. Followings are the chief guests for the 9 workshops.

• Delhi, Workshop 1: Chief Guest Dr. Najma Heptullah, Governor of Maniput and Chancellor of Jamia Millia Islamia (JMI) in Delhi. She is a role model of achievements for females - career expanded from Ph.D. in Zoology at age 22 to philanthropy to leadership

• Delhi, Workshop 1: Guest of Honor Professor Talat Ahmad, Vice Chancellor of JMI, is known for his support for women education and was most helpful for holding the two Delhi WSR workshops at JMI facility

• Delhi, Workshop 2: Chief Guest Dr. P. Basak, Director of Science Institute of Meerut University, a promoter of STEM education and supporter of women participation

• Kolkata, Workshop 3: Chief Guest is the Chief Minister of Bengal Mamata Banerjee deputed by Minister Chandrima Bhattacharya who is an example of inspiration for leadership and education

• Kolkata, Workshop 4: Chief Guest Prof. Ghazala Yasmin, Journalism, Alia Government Urdu University is an activist for education for women in minority and disadvantaged groups

• Patna, Workshop 5: Chief Guest Dr. Sister Marie, A.C., Principal. Patna Women's College is well known for her strong leadership for women education in all fields

• Hyderabad, Workshop 6: Chief Guest Dr. Farida Hussain (Economics, a well known activist for women empowerment, Elected joint secretary, Vice President, President of All India Women conference (AIWC), involved with projects for women amputated limbs, natural renewable energy. natural humidifiers etc)

• Hyderabad, Workshop 7: Chief Guest Dr. Syed Najamul Hasan, Dean of School of Sciences and Head of Department of Mathematics, Maulana Azad National Urdu University, Hyderabad, is a promoter of women education who encouraged applications to his university

• Kurnool, Workshop 8: Chief Guest Nafis Khizer (M.A. Chennai University), teacher, entrepreneur, now founder and sponsor of a NGO for training poor women from computer usage, tailoring, embroidery stitching, etc financial independence and one free health clinic

• Aligarh, Workshop 9: Guest of Honor 1: Dr. Hameeda Tariq a popular pediatrician and activist for woman education. Guest of Honor 2: Prof. Naima Khatoon is the Principal of Abdullah Women's College, Aligarh Muslim University is an activist for education for women

STIPENDS AND RECOGNITION: Stipends were provided to i) participants as needed for attendance and ii) Mentor Fellows, selected from two participating teachers, to carry out some STEM activities with their students

- Each attending participant, student, teacher, alumna/alumnus received certificate
- Selected Mentor Fellows received Mentor certificates
- Local expert and local contacts received certificates and appreciation trophies
- Volunteers received certificates and limited stipends
- Each Guest received trophy and OSU pin
- Each USA team members received trophy and certificate at the last ceremony

MEDIA: WSR workshops was covered extensively in Aligarh, Delhi, Hyderabad, Kurnool, and Patna. Some TV channels, such as, DurDarshan in Delhi, Hyderabad TV and Baaz E Aaina broadcasted the workshops. Significant number of the news items have been posted at the WSR website. Local expert stated that the newspapers were contacted but they did not have interest in the workshops. The local experts and contacts communicated to media to cover the workshops and the objectives to reach out to the larger community of students. Coverage was made on the TV in 3 locations and in many newspapers in 5 locations. Followings are the coverage collected by the PI

ALIGARH: Pre-workshop: Newspapers: Several announcements were made in newspapers. During and Post-workshop, many newspapers made extensive coverage of the events for a days (many are available at the official WSR website)

DELHI: During and Post-workshop, many newspapers covered the event for a few days (number of them are available at the official WSR website)

TV Channel DurDarshan broadcasted the news in the evening of the first workshop

HYDERABAD: During and Post-workshop, reporter and cameraman came and took interview with pictures. Several newspapers covered the news. (The newspapers were not collected). Hyderabad TV Channel broadcasted the workshop in the evening news

KOLKATA: During and Post-workshop, number of newspapers were approached but no positive response was obtained.

KURNOOL: During and Post-workshop, a cameraman came but no newspapers was checked. However, Urdu TV Channel (was told that it broadcasts to 36 countries) "Baaz E Aaina" interviewed and posted a long news item at its website.

PATNA: There was extensive pre-workshop coverage in newspapers. During and Post-workshop, extensive coverage of the event was made in the newspapers.

3. Post workshop activities

From reports by Mentor fellows: i) holding STEM awareness program, ii) critial thinking experiment in the class, ii) research project work

MONITORING and EVALUATION: STEM related activities were encouraged and recorded and evaluated by our team at the Indo-US APJ Abdul Kalam STEM Education and Research (ER) Center of Aligarh Muslim University and Ohio State University in Aligarh under the supervision of the PI Prof. Nahar. The STEM ER Center Director at AMU Prof. Tauheed Ahmad, Local Expert Prof. Farukh Arjmand, Swaleha Naseem, Sabiha Parveen, and

two Research Scholars Aashna Zainab and Aadil Rashid all assisted the PI throughout the project period.

For the post workshop communications among the participants the following networks were created: i) emails: womenstemroadshows@gmailcom,

ii) facebook: womeninstemroadshow

iii) twitter: https://twitter.com/Womeninstem33

iv) WSR website: http://www.astronomy.ohio-state.edu/∼nahar/womenstemroadshow.html

The complete and detailed information on the workshops, activities, impact, are available at the WSR website which is the same as go.osu.edu/womenstemroadshow.

SOME HIGHLIGHTS OF THE IMPACT OF THE WORKSHOPS:

The impact of the workshops was extremely positive for the participants in terms of motivation, inspiration, aiming on higher studies in the US, preparing their resumes, professional communications like in interviews. They are reflected in some highlights listed below. They are taken from the detailed reports included in this final report.

Aligarh: Local expert Swaleha Naseem at Aligarh location wrote about the survey "It was observed that students were excited to attend the workshop and to hear from the eminent scientist, researchers working in STEM fields coming from USA. They found it an excellent opportunity at such an early stage of their career which could help them to achieve their goals in life. ... Some of the students in their pre survey form have mentioned that they think this workshop would be highly productive, enthusiastic, motivating and interactive While one of the student has written that It is an opportunity for me to get exposure and a way to come out of their doubts regarding the GRE/TOEFL scores for applying in US universities for higher education after attending workshop they found themselves more confident and motivated about their fields. They acknowledged all the speakers of the workshop for their guidance on how improve their CVs and how they can apply to US universities for their higher education in STEM fields. Many of them have mentioned Prof. Sultana N. Nahar as their source of inspiration and mentioned her words daily take out 2 hours from your schedule to learn science which they took it as a lesson."

An Aligarh student wrote "- The experience of meeting such great personalities was very inspirational specially for myself. The effective speeches delivered by Nahar mam, Dr.Anil sir & others were very inspiring & full of content to build up student's confidence, knowledge, & the enthusiasm to explore the world. It filled up my mind to reach the peak of the universe like sultana mam. As sky is the limit for human needs & the need of knowledge is infinite-has no boundaries." Nargis Bano, Zoology, Aligarh: "I am graduate now. WSR influenced me a lot as many of us have a dream to go abroad for higher education and I am also one of them but I dont know the path that has to be taken to go abroad but after attending the WSR I got to know many things like financial support, how to choose a college, scholarships, exams and many more. Their stories have left great impact on me especially of Nahar mam. I am a nature lover and always try to find out how systems work, interactions between biotic and abiotic things and especially how body systems work ,react to a thing its physiology, anatomy ,and anything related to it. In the coming future I want to do research on cancer and stem cells." Prof. Farukh Arjmand at Aligarh wrote "I witnessed a phenomenal change in students of STEM disciplines. Students are regularly inquiring and are awaiting more programs like WSR. The WSR has instilled an interest about STEM among students.' She also wrote "I would further not hesitate to make this statement that WSR program was successful in motivating budding female scientists in India".

Hyderabad: Local expert Nida Mir of Hyderabad wrote "The WSR workshop #6 was a huge success, the students were waiting eagerly to meet with international experts. The high school students along with their teachers traveled 20 km each way from Bollarum in Medchal district.

The students expected to learn about skills and strategies to be successful in STEM filed(s). They also wanted to gain information on the basics of the application process to universities and colleges in USA. Most of them I spoke to had not had an opportunity to attend a workshop of this nature". Ayesha Unissa of Hyderabad wrote, It was an honor to meet such great personalities and to be influenced by them to achieve our career goals. I myself got inspiration regarding US studies, how to apply, how to manage time and how to write a resume,..". Shaik Noorain Fatema of Hyderabad who is pursuing a degree in Computer and Software Engineering wrote, It was very useful to build my confidence all through the way. It was a great experience to meet all the scientists over here. Thanks for giving this opportunity. Hyderabad student Ayesha Nasser, a student pursuing Biotechnology degree at Shadan College said, I am extremely privileged to be a part of this event and I feel I have found answers to many of my questions and got to learn a lot. I must say It was worth it. And yes! Right before my final exams this workshop was a true motivation The participants were impressed with the humble and modest nature of Dr. Nahar and to learn how approachable she was. They appreciated her light-hearted nature and modesty."

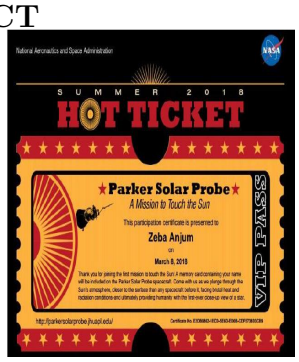
Kolkata: Student Ifat Jamal of Kolkata workshop wrote "This workshop has been useful for all the science students because many students have amibition to study in the USA, but they can't because they have no idea".

Patna: Patna survey report wrote "You inspire us to be confident and to always challenge ourselves. Throughout Roadshow, weve turned to you as our mentor and inspiration. When we decided to apply for the higher education in USA, you supported us every step of the way. This Roadshow has very positive impact here on young students who are the future because you all view the world with a entirely different perspective especially due to the fact that STEM teaches us the logic, reasoning, and patience that is needed for success"

Kurnool: The survey report wrote "Students expressed gratitude to Dr Nasreen Haque dynamic international expert and enriched technosavy, a successful driving force in bringing all on to the same platform because of her we are all fortunate enough to have this workshop in Kurnool. Students learned communication skills and developed a confidence from Dr Pradhan an elegant personality to the core, they learned to prepare CV and apply Visa, enlightened by Dr. Karen Irving"

Delhi: One Kashmiri student wanted to express gratitude on behalf of Kashmiri students at the end of the workshop. She sang an inspiring song at the podium expressing how grateful they were for the inspiration to move forward and high. US alumnus Dr. Parvez Alam (Biotechnology) at Delhi workshop wrote "The participants were very excited to attend each session of the workshop staring from the early morning to late evening and I didnt feel a dip in their excitement level, they had back to back questions even in food sessions."

SOME HIGHLIGHTS OF THE POST WORKSHOP IMPACT



From reports by students: i) Nabiha who has achieved the topmost rank in B.Sc. is aiming for higher study, ii) participants received certificates from a conference, iii) Zeba's certificate from on-line participation on NASA's Parker solar probe mission

Many participants, particularly the students, sent their academic progress reports enthusiastically to show how well they are doing in their objectives to pursue higher degree in STEM fields and be part of the advances. Most of them achieving excellent GPA, number of them ranking the topmost or among the few top position, attended and volunteered conferences, preparing for TOEFL and GRE, participated in science competitions and winning.
The Mentor Fellows sent reports on the STEM activities that are outside the conventional scope of the syllabus for growing interest in the students. Most of the Mentor Fellows used their fellowship fund to carry out the extra-curricular activities.
Even the alumni felt motivated to contribute in their capacity to bring these young students to be professionals in the STEM disciplines. Followings are some of the activities and accomplishment reports highlighting the follow-up impacts.
Activities by Mentor Fellows: While their detailed reports are included in this final report, some of the activities are mentioned here.
The mentors at different locations led programs, such as, on awareness sessions on STEM fields and opportunities for higher education with practiced resume writing, took students for to watch inspiring movies, such as, "Hidden Figures", "Big Dream", to a study tour day at medical college demonstrations, to National Bioinformatic symposiums etc.
They also led research projects (there is no research opportunities for B.Sc. students in India), such as experimented on program for roboties to lift the gates for an incoming train, engaged them in activities based on various concepts in science and thus developed in them skills, knowledge, critical thinking, scientific inquiry, and feel the urge to continue the scientific expedition at high level,
Kolkata Mentor reports visit to Birla Industrial and Technological Museum where they gained knowledge on Mock-Up Coal Mine, 3D show Television Studio, Vedic maths, Bubble Show, Popular Science Gallery, High voltage Theatre.
Hyderabad: Mentor reports The 12th Grade students who have attended the STEM Program have successfully completed their 12th Grade and got admissions in Engineering/Life sciences at undergraduate level. The 11th Graders also completed successfully with distinction. Now they are aiming at getting admission in Medicine/Computer Science Engineering in APEX Institutions" A Mentor Fellow (teacher) in Hyderabad wrote "i) I learned valuable tips to motivate my students, ii) I decided to routinely organize experiments and/or activities outside of the regular syllabus. iii) One such activity was to grow plants invitro"
Patna Mentor reported the project of Ayub Girls School "we are trying to grow Marigold plant by using vermiwash without using soil i.e soil less farming. We have decided to grow Marigold plant because in India Marigold plant have very special importance." Ashba Kamal of Patna Ayub Girls school wrote "To change ones life, one need to change his priority. My first priority is to get admission in U.S and my dream is to be a student of research and to be a student of Prof. Sultana Nahar"
Patna Mentor Fellow reports activities, such as, "celebrating Darwin week by carrying out model exhibitions with the students on i) Allopatric speciation, ii) evolution of giraffe, iii) evolution of horse, iv) adaptive radiation in marsupial mammals. The participants of STEM Workshop gave tips to other students of Chemistry, Botany, Mathematics. They also had March for science organized by Patna Womens College, Speech contest on the topic Science without Religion is lame, Religion without Science is blind". Performed collaborative Undergraduate Biology Education (CUBE) of Homi Bhabha Centre for Science Education (HBCSE) in Mumbai, Save trees and save sparrow campaign, participated in the cleanliness drive on Krishna Ghat, Family Planning is Human Right on World Population Day, wrote proposal on "To observe the effects of natural and artificial sweeteners on the selected ant species, some worked on Isolation of microbes from mobile phones and writing pens, presented "ACTIVITIES OF STUDENTS OF INDUSTRIAL MICROBIOLOGY.

Students reports: A student named Shaeel Ashraf in B.Sc. made a poster on 'THE PROTON THERAPY", another on "Satyendra Nath Bose and his contributions", at Inter University Science poster competition. Another student in Patna reported on receiving training in Rajendra Memorial Research Institute of Medical Science(RMRIMS), Patna, Bihar on "Isolation of Leishmania Parasite in culture medium,"

Rifa Khan, Aligarh who has now graduated in Computer Engineering with a CPI of 9.98 and secured a score of 108/120 in TOEFL wrote "WSR has proved to be a great motivation for me. The workshop and the lectures have helped me to a great degree and I hope that the enthusiasm that attending it, instilled in me, remains forever"

Kurnool impact report wrote "Most of the students was inspired by multifaceted personality Professor Dr Sultana N.Nahar and they joined in research, they expressed that attending a workshop had numerous benefits, including improving communication skills, gaining experts knowledge, networking with others and renewing motivation and confidence This workshop helped the students to achieve success in their academic environment by putting these skills in the practice. WSR stands as a light house for the upcoming and budding research scholars in the horizons of India in generalization and kurnool city in particular."

A student wrote "I, S.Nabiha of Hajirah Degree College for women, kurnool pen down these words to thank you for availing us the wonderful opportunity to study abroad and opening up the portal for exemplifying our knowledge which proved to be a great help for me to achieve 1st position among B.Sc (BZC) students of my university.

US Alumni Dr. Parvez Alam (Biotechnology) participating wrote "The overwhelming response of participants is indeed encouraging which gives motivation to do more for the noble cause of imparting education among minorities, disadvantaged and weaker sections of the society. After attending the Delhi workshop, my decision to serve for education has become stronger and I have promised myself to give my best in bringing changes in the society by sharing my knowledge and experiences I have acquired so far."

Aligarh alumna Dr. Sabiha Parveen wrote " "Working for the noble cause of education and research for women from minorities and disadvantaged groups (of WSR) gives a feeling of satisfaction and performing my duty towards society. ... . I got the opportunity to visit AMU-Girls high School through the WSR program. We had a long and detailed interaction, after the interaction I experienced that there is up surging need of such encouraging interactions to motivate them to opt STEM and pursue career in STEM disciplines. In India women in STEM fields lag far behind their male counter parts, the problem is acute for women from minorities and disadvantaged groups. They have liking to pursue STEM, we just need to provide a spark to them".

Mymuna Afreen Shaik who achieved the Rank 1 position in M.Sc. 1st year exam wrote "With immense pleasure I would be glad writing to you that I stood TOP in the Rayalaseema University in msc physics entrance exam. I always love to explore knowledge around me. it was that enthusiasm & curiosity that made me step my foot at the workshop. I feel I was lucky to be one among all the participants. My aim is to be an ideal for others like Albert Einstein, Abdul, Kalam & the last but not the least Sultana mam. As knowledge of sciences that torch which illuminates the world & a lamp W/o light is worthless. I wish my thirst for knowledge never ends.... I conclude myself with a gratitude of thanks & my heartily wishes to nahar mam for her great work in the future."

THE OHIO STATE UNIVERSITY

Women in STEM Roadshow

TOTAL WSR WORKSHOPS: 9

2 in Delhi, 2 in Kolkata, 1 in Patna, 2 in Hyderabad, 1 in Kurnool, 1 in Aligarh
Director: Prof. Sultana N. Nahar, The Ohio State University, UISA

WORKSHOP SESSIONS

3 Sessions (3 hours each), 2 Pre-Sessions (1 hour each), Certificate Ceremony (1 hour)
Participants will need laptops/smart phones. Each lecture session includes interactive Q&A

WORKSHOP 1. New Delhi, Feb 5-6, 2018

Conference Hall, Communication and Information Technology, Jamia Millia Islamiaa, New Delhi

Feb 5, 2018, Day 1:

PRE-SESSION 1: 9 - 10 am

Registration, Sitting, Fill out pre-workshop Survey, Breakfast

SESSION 1: 10 am -1:10 pm

- **10 – 10:05 am: Local Expert Dr. Noor-e-Zahra – Welcome, Introduce Director Dr. Nahar**
- **10:05 – 10:25 am: Dr Nahar – Welcome, Objectives, Motivation, Inspiration, Introduce International Experts Dr Irving, Dr. Haque, Director of APJAK STEM ERC Dr. Pradhan**
- **10:25 – 10:50: Chief Guest Dr. Heptullah , Chancellor of JMI – speech and recognition**
- **10:50 - 11:05 am: Dr. Irving – Herself and overview of her talk on skills**
- **11:05 – 11:20 am: Dr. Haque – Herself and overview of her talk on careers**
- **11:20 – 11:30 am: Dr. Pradhan – Himself and Indo-US STEM Center**
- **11:30 – 11:35 am: Chair of the Session Prof. Talat Ahmad, VC of JMI**

Tea Break: 11:35 – 11:50 noon

- **11:50-12:00 noon, Dr. Preetha Rajaraman, Health Attache, US Embassy, Delhi**
- **12:00 – 1:00 pm:: Dr. Nahar – Science for Women, need and role**
- **1:00 – 1:25 pm: Local Expert Dr. Noor– science for Indian women , experiences (can be in local language), Logistics for engagement for 1 yea**

Lunch : 1:25 - 2:15 pm

SESSION 2: 2 – 5:30 pm

- **2 :15– 3:30 pm: Dr. Irving – Teaching and learning skills, Science educators**

Tea Break: 3:30 – 3:45 pm

- **3:45 – 5:00 pm: Dr. Haque –Education in India and USA, Career, Effective CV**
- **5:00 – 5:10 pm, Nexus representative on entrepreneurship**
- **5:10 – 5:30 pm: US Alumnus Dr. Taqseer Khan– Benefits in studying in a US University**

Feb 6, 2018, Day 2:

PRE-SESSION 2: 9 – 10:30 am

- **9 – 9:30 am: Attendance, Breakfast**
- **9:30 – 10 am: Instructions on screen – Internet connection for websites: WSR , WSR Facebook, "Create your google account", Form WSR Network, email Hello to Nahar**

SESSION 3: 10 am -1 pm (Nahar , Irving, Haque,, Local Expert)

- **10 – 10:30 am: Help in CV, Application statement writing**
- **10:30 - – 11:30 am: Login to EducationUSA,: Admission tests – GRE General and Subject, TOEFL, IELTS, Financial support**

Tea Break: 11:30 -11:45 am

- **11:45 – 12:30 pm: Example Admission application to a US University -. OSU**
- **Application fee, financial help issues, Parents and family support**
- **12:30 – 1 pm: Fill out post-workshop survey**

Lunch: 1 – 2 pm

Certificate Ceremony: 2 – 3 pm:

- **Announcement of Mentor Fellowships**
- **Certificates for participants**
- **Group Picture**

WORKSHOP 2. New Delhi, Feb 7-8, 2018

Conference Hall, Communication and Information Technology , Jamia Millia Islamiaa, New Delhi

Feb 7, 2018, Day 1:

PRE-SESSION 1: 9 - 10 am

Registration, Sitting, Fill out pre-workshop Survey, Breakfast

SESSION 1: 10 am -1:10 pm

- **10 – 10:05 am: Local Expert Dr. Noor-e-Zahra – Welcome, Introduce Director Dr. Nahar**
- **10:05 – 10:25 am: Dr Nahar – Welcome, Objectives, Motivation, Inspiration, Introduce International Experts Dr Irving, Dr. Haque, Director of APJ Kalam STEM ERC Dr. Pradhan**
- **10:25 – 10:50: Chief Guest Dr. P.. Basak – speech and recognition**
- **10:50-11:05 am: Dr. Irving – Herself and overview of her talk on skills**
- **11:05 – 11:20 am: Dr. Haque – Herself and overview of her talk on careers**
- **11:20 – 11:30 am: Dr. Pradhan – Himself and Indo-US STEM Center**
- **11:30 – 11:35 am, Chair of the Session Prof. Talat Ahmad, VC of JMI**

Tea Break: 11:35 – 11:50 am

- **11:50 am – 12:55 pm:: Dr. Nahar – Science for Women, need and role**
- **12:55 – 1:15 pm: Local Expert Dr. Noor– science for Indian women , experiences (can be in local language), Logistics for engagement for 1 year**

Lunch : 1:15 - 2pm

SESSION 2: 2 – 5:15 pm

- **2 – 3:15 pm: Dr. Irving – Teaching and learning skills, Science educators**

Tea Break: 3:15 – 3:30 pm

- **3:30 – 4:45 pm: Dr. Haque –Education in India and in USA, Career, Effective CV**
- **4:45 – 4{55 pm, Nexus representative on entrepreneurship**
- **4:55 – 5:15 pm: US Alumnus Dr. Parvez Alam – Benefits in studying in a US University**

Feb 8, 2018, Day 2:

PRE-SESSION 2: 9 - 10 am

- **9 – 9:30 am Attendance, Breakfast**
- **9:30 – 10 am: Instructions on screen – Internet connection for websites: WSR , WSR Facebook, "Create your google account", FormWSR Network, email Hello to Nahar**

SESSION 3: 10 am -1 pm (Nahar , Irving, Haque, Local Expert)

- **10 – 10:30 am: Help in CV, Application statement writing**
- **10:30 - – 11:30 am: Login to EducationUSA,: Admission tests – GRE General and Subject, TOEFL, IELTS, Financial support**

Tea Break: 11:30 -11:45 am

- **11:45 – 12:30 pm: Example Admission application to a US University -. OSU**
- **Application fee, financial help issues, Parents and family support**
- **12:30 – 1 pm: Fill out post-workshop survey**

Lunch: 1 – 2 pm

Certificate Ceremony: 2 – 3 pm:

- **Announcement of Mentor Fellowships**
- **Certificates for participants**
- **Recognition for the Local Expert: Dr. Noor**
- **Group Picture**

THE OHIO STATE UNIVERSITY

Women in STEM Roadshow

TOTAL WSR WORKSHOPS: 9

2 in Delhi, 2 in Kolkata, 1 in Patna, 2 in Hyderabad, 1 in Kurnool, 1 in Aligarh
Director: Prof. Sultana N. Nahar, The Ohio State University, UISA

WORKSHOP SESSIONS

3 Sessions (3 hours each), 2 Pre-Sessions (1 hour each), Certificate Ceremony (1 hour)
Participants: will need laptops/smart phones. Each lecture session includes interactive Q&A

WORKSHOP 3. Kolkata, Feb 9-10, 2018

The Pearl Hotel, 35-Z Radha Madhab Dutta Garden Lane, (Opp of Salt lake Stadium VIP Gate on Em Bypass), Kolkata 700010

Feb 9, 2018, Day 1:

PRE-SESSION 1: 112 noon - 2 pm

Registration, Sitting, Fill out pre-workshop Survey, lunch, introduction of participants

SESSION 1: 2 -5:10 pm

- **2 – 2:05 pm: Local Expert Madiha Ahmed – Welcome, Introducing Director Dr. Nahar**
- **2:05 – 2:25 pm: Dr Nahar – Welcome, Objectives, Motivation, Introduce International Experts Dr Irving, Dr. Haque, Director of APJ Kalam STEM ERC Dr. Pradhan**
- **2:25 – 2:50 pm: Guest Speaker Minister Chandrima Bhattacharya (Deputing CM Mamata Banerjee), – speech and recognition**
- **2:50-3:00 pm: Sheena Hall, US Consulate, Kolkata**
- **3:00-3:15 pm: Dr. Irving – Herself and overview of her talk on skills**
- **3:15 – 3:30 pm: Dr. Haque – Herself and overview of her talk on careers (Dr. K. Irving and Dr. Pradhan covering the talk on inspiration and resume writing homework)**
- **3:30 – 3:40 pm: Dr. Pradhan – Himself and Indo-US STEM Center**

Tea Break: 3:40 – 3:55 pm

- **3:55 – 4:55 pm:: Dr. Nahar – Women in science, need and role**
- **4:55 – 5:20 pm: Local Expert Madiha Ahmed– Science for Indian women, share experiences (can be in local language), Logistics for engagement for 1 year**

Feb 10, 2018. Day 2:

PRE-SESSION 2: 9 – 10 am

- **9 – 9:30 am: Attendance, Breakfast**
- **9:30 – 10 am: Dr. N. Haque (zoom) – Career building in STEM fields, CV writing, Education in India and USA**

SESSION 2: 10 am – 1:05 pm

- **10 – 11:15 pm: Dr. Irving – Teaching and learning skills, Science educators**

Tea Break: 11:15 – 11:30 am

- **11:30 – 12:45 pm: Dr. Pradhan – Scopes of STEM fields, Research, Effective CV**
- **12:45 – 1:05 pm: US Alumnus Engineer Karan Bashin – Benefits in studying in a US University**

Lunch 1:05 – 2 pm

SESSION 3: 2 -5:30 pm (Nahar, Irving, Local Expert)

- **2 – 2::30 pm: Dr. Nahar Internet connection for websites: WSR , WSR Facebook, CV, Application statement writing**
- **2:30 – 3:30 pm Chandni Wadhwani, - EducationUSA: Details of 5 steps, Financial support, VISA**
- **3:00 – 3:30 pm:Dr. Nahar, Admission tests – GRE General and Subject, TOEFL, IELTS, Choosing universities, Application fees, Find Financial Aid, Family issues**

Tea Break: 3:30 -3:45 pm

- **3:45 – 4:15 pm: Fill out post-workshop survey**

Certificate Ceremony: 4:30 – 5:30 pm:

- **Announcement of Mentor Fellowships**
- **Certificates for participants**
- **Group Picture**

WORKSHOP 4. Kolkata, Feb 11-12, 2018

The Pearl Hotel, 35-Z Radha Madhab Dutta Garden Lane, (Opp of Salt lake Stadium VIP Gate on Em Bypass), Kolkata 700010

Feb 11, 2018, Day 1:

PRE-SESSION 1: 9 - 10 am

Registration, Sitting, Fill out pre-workshop Survey, Breakfast

SESSION 1: 10 am -1:10 pm

- **10 – 10:05 am: Local Expert Madiha Ahmed – Welcome, Introduce Director Dr. Nahar**
- **10:05 – 10:25 am: Dr Nahar – Welcome, Objectives, Motivation, Inspiration, Introduce International Experts Dr Irving, Dr. Haque, Director of APJ Kalam STEM ERC Dr. Pradhan**
- **10:25 – 10:50 am: Chief Guest Ghazala Yasmin – speech and recognition**
- **10:50 -11:00 am, Jamie Dragon, American Center, Kolkata**
- **11:00-11:15 am: Dr. Irving – Herself and overview of her talk on skills**
- **11:15 – 11:30 am: Dr. Haque – Herself and overview of her talk on careers**
- **11:30 – 11:40 am: Dr. Pradhan – Himself and Indo-US STEM Center**

Tea Break: 11:40 – 11:55 am

- **11:55 am – 12:55 pm:: Dr. Nahar – Science for Women, need and role**
- **12:55 – 1:15 pm: Local Expert Madiha Ahmed– science for Indian women , experiences (can be in local language), Logistics for engagement for 1 year**

Lunch : 1:10 - 2pm

SESSION 2: 2 – 5:05 pm

- **2 – 3:15 pm: Dr. Irving – Teaching and learning skills, Science educators**

Tea Break: 3:15 – 3:30 pm

- **3:30 – 4:45 pm: Dr. Haque –Education in India and USA, Career, Effective CV**
- **4:45-5:05 pm: US Alumnus Vikas Goel – Benefits in studying in a US University**

Feb 12, 2018, Day 2:

PRE-SESSION 3: 9 – 10:30 am

- **9 – 9:30 am Attendance, Breakfast**
- **9:30 – 10 am Dr. Irving - Help in CV writing**

SESSION 3: 10 am -1 pm (Nahar , Irving, Haque, Local Expert)

- **10 – 10:30 am: websites: WSR , WSR Facebook, Form WSR Network, Research and statement writing, Admission tests – GRE General and Subject, TOEFL, IELTS**
- **10:30 - – 11:30 Chandni Wadhwani, US Embassy, EducationUSA,: Financial support**

Tea Break: 11:30 -11:45 am

- **11:45 – 12:30 pm: – Scopes in study, Application fees, other financial resources, Parents and family support**
- **12:30 – 1 pm: Fill out post-workshop survey**

Lunch: 1 – 2 pm

Certificate Ceremony: 2 – 3 pm:

- **Announcement of Mentor Fellowships**
- **Certificates for participants**
- **Recognition for the Local Expert: Madiha Ahmed, Sagheerul Islam**
- **Group Picture**

THE OHIO STATE UNIVERSITY

Women in STEM Roadshow

TOTAL WSR WORKSHOPS: 9

2 in Delhi, 2 in Kolkata, 1 in Patna, 2 in Hyderabad, 1 in Kurnool, 1 in Aligarh

Director: Prof. Sultana N. Nahar, The Ohio State University, UISA

WORKSHOP SESSIONS

3 Sessions (3 hours each), 2 Pre-Sessions (1 hour each), Certificate Ceremony (1 hour)
Participants will need laptops/smart phones. Each lecture session includes interactive Q&A

WORKSHOP 5. Patna, Feb 13-14, 2018

Hotel Gargee Grand, Plot no 825, Exhibition Road, Patna

Feb 13, 2018, Day 1:

PRE-SESSION 1: 1 - 2: pm

- **Registration, Sitting, Fill out pre-workshop Survey form, Lunch**

SESSION 1: 2 -5:10 pm

- **2 – 2:05 pm: Local Expert Hasanain Syed – Welcome, Introducing Director Dr. Nahar**
- **2:05 – 2:25 pm: Dr Nahar – Welcome, Objectives, Motivation, Introduce International Experts Dr Irving, Dr. Haque, Director of APJ Kalam STEM ERC Dr. Pradhan**
- **2:25 – 2:50 pm: Chief Guest Dr. Sister Marie Jesse A.C. – speech and recognition**
- **2:50 -3:05 pm: Dr. Irving – Herself and overview of her talk on skills**
- **3:05 – 3:20 pm: Dr. Haque – Herself, overview of her talk on careers**
- **3:20 – 3:30 pm: Dr. Pradhan – Himself and Indo-US STEM Center**

Tea Break: 3:30 – 3:45 pm

- **3:45 – 4:45 pm:: Dr. Nahar – Women in science, need and role**
- **4:45 – 5:10 pm: Local Expert Hasanain Syed– Science for Indian women , share experiences (can be in local language), Logistics for engagement for 1 year**

Feb 14, 2018. Day 2:

PRE-SESSION 2: 9 – 10 am

- **9 – 9:30 am: Attendance, Breakfast**
- **9:30 – 10 am: Dr. Irving – CV writing**

SESSION 2: 10 am – 1:05 pm

- **10 – 11:15 pm: Dr. Irving – Teaching and learning skills, Science educators**

Tea Break: 11:15 – 11:30 am

- **11:30 – 12:45 pm: Dr. Haque –Education in India and USA, Career, Effective CV**
- **12:45 – 1:05 pm: US Alumnus Engineer Akshey Naik – Benefits in studying in a US University**

Lunch 1:05 – 2 pm

SESSION 3: 2 -5:00 pm (Nahar, Irving, Local Expert)

- **2 – 2:30 pm: websites: WSR , WSR Facebook, Form WSR Network, Research and statement writing, Admission tests – GRE General and Subject, TOEFL, IELTS**
- **2:30 – 3:30 am :Chandni Wadhwani, Login to EducationUSA. Financial support**

Tea Break: 3:30 -3:45 pm

- **3:45 – 4:30 pm: Scopes is study, Application fee, financial help issues, Parents and family support**
- **4:30 – 5 pm: Fill out post-workshop survey**

Certificate Ceremony: 5 – 6 pm:

- **Announcement of Mentor Fellowships**
- **Certificates for participants**
- **Recognition for the Local Expert: Hasanain Syed**
- **Group picture**

THE OHIO STATE UNIVERSITY

Women in STEM Roadshow

TOTAL WSR WORKSHOPS: 9

2 in Delhi, 2 in Kolkata, 1 in Patna, 2 in Hyderabad, 1 in Kurnool, 1 in Aligarh
Director: Prof. Sultana N. Nahar, The Ohio State University, UISA

WORKSHOP SESSIONS

3 Sessions (3 hours each), 2 Pre-Sessions (1 hour each), Certificate Ceremony (1 hour)
Participants will need laptops/smart phones. Each lecture session includes interactive Q&A

WORKSHOP 6. Hyderabad, Feb 16-17, 2018

Minerva Grand Banjara Hotel, 8-2-616, Banjara Hills, Road No - 11, Hyderabad - 500034

Feb 16, 2018, Day 1:

PRE-SESSION 1: 9 - 10 am

Registration, Sitting, Fill out pre-workshop Survey, Breakfast

SESSION 1: 10 am -1:10 pm

- **10 – 10:05 am: Local Expert M. Nida Mir – Welcome, Introduce Director Dr. Nahar**
- **10:05 – 10:25 am: Dr Nahar – Welcome, Objectives, Motivation, Inspiration, Introduce International Experts Dr Irving, Dr. Haque, Director of APJ Kalam STEM ERC Dr. Pradhan**
- **10:25 – 10:50 am: Chief Guest Dr. Farida Hussain – speech and recognition**
- **10:40 – 10:40, A. Suri,, US Embassy, Hyderabad**
- **10:50 – 11:00 am , Guest of US Embassy Dr. Priya Hasan, Hyderabad**
- **11:00-11:15 am: Dr. Irving – Herself and overview of her talk on skills**
- **11:15 – 11:30 am: Dr. Haque – Herself and overview of her talk on careers**
- **11:30 – 11:40 am: Dr. Pradhan – Himself and Indo-US STEM Center**

Tea Break: 11:40 – 11:55 am

- **11:55 am – 12:55 pm:: Dr. Nahar – Science for Women, need and role**

- **12:55 – 1:20 pm: Local Expert M. Nida Mir– science for Indian women , experiences (can be in local language), Logistics for engagement for 1 year**

Lunch : 1:20 - 2pm

SESSION 2: 2 – 5:05 pm

- **2 – 3:15 pm: Dr. Irving – Teaching and learning skills, Science educators**

Tea Break: 3:15 – 3:30 pm

- **3:30 – 4:45 pm: Dr. Haque –Education in India and USA, Career, Effective CV**
- **4:45 -5:05 pm: US Alumnus M. Omar Hassan – Benefits in studying in a US University**

Feb 17, 2018, Day 2:

PRE-SESSION 2: 9 – 10:30 am

- **9 – 9:30 am Attendance, Breakfast**
- **9:30 – 10 am: Help in CV writing**

SESSION 3: 10 am -1 pm (Pradhan, Nahar, Irving, Haque)

- **10 – 10:30 am: websites: WSR , WSR Facebook, Form WSR Network, Research and statement writing, Admission tests – GRE General and Subject, TOEFL, IELTS**
- **10:30 - – 11:20 am: Ms. Sraavani, EducationUSA, US Consulate, Hyderabad**
- **11:20 – 11:30 am, Joe Christopher, US Embassy, Scopes of Study in the USA**

Tea Break: 11:30 -11:45 am

- **11:45 – 12:30 pm: scopes in study, Application fee, financial help issues, Parents and family support**
- **12:30 – 1 pm: Fill out post-workshop survey**
-

Lunch: 1 – 2 pm

Certificate Ceremony: 2 – 3 pm:

- **Announcement of Mentor Fellowships**
- **Certificates for participants**
- **Group Picture**

WORKSHOP 7. Hyderabad, Feb 18-19, 2018

Minerva Grand Banjara Hotel, 8-2-616, Banjara Hills, Road No - 11, Hyderabad - 500034

Feb 18, 2018, Day 1:

PRE-SESSION 1: 9 - 10 am

Registration, Sitting, Fill out pre-workshop Survey, Breakfast

SESSION 1: 10 am -1:10 pm

- **10 – 10:05 am: Local Expert M. Nida Mir – Welcome, Introduce Director Dr. Nahar**
- **10:05 – 10:25 am: Dr Nahar – Welcome, Objectives, Motivation, Inspiration, Introduce International Experts Dr Irving, Dr. Haque, Director of APJ Kalam STEM ERC Dr. Pradhan, Chief Guest**
- **10:25 – 10:50: Chief Guest Dr. Syed N. Hasan, Dean MANUU – speech and recognition**
- **10:50 -11: am US Consulate representative**
- **11:00- -11:1 5 am: Dr. Irving – Herself and overview of her talk on skills**
- **11:15 – 11:30 am: Dr. Haque – Herself and overview of her talk on careers**
- **11:30 – 11:40 am: Dr. Pradhan – Himself and Indo-US STEM Center**

Tea Break: 11:40 – 11:55 am

- **11:55 am – 12:55 pm:: Dr. Nahar – Science for Women, need and role**
- **12:55 – 1:20 pm: Local Expert M. Nida Mir– science for Indian women , experiences (can be in local language), Logistics for engagement for 1 year**

Lunch : 1:20 - 2pm

SESSION 2: 2 – 5:05 pm

- **2 – 3:15 pm: Dr. Irving – Teaching and learning skills, Science educators**

Tea Break: 3:15 – 3:30 pm

- **3:30 – 4:45 pm: Dr. Haque –Education in India and USA, Career, Effective CV**
- **4:45-5:05 pm: US Alumnus Vijaya Tirmalareddy – Benefits in studying in a US University**

Feb 19, 2018, Day 2:

PRE-SESSION 2: 9 – 10:30 am

- **9 – 9:30 am Attendance, Breakfast**
- **9:30 – 10 am: Help in CV writing**

SESSION 3: 10 am -1 pm (Haque, Irving, Nahar, Pradhan)

- **10 – 10:30 am: Websites: WSR , WSR Facebook, Form WSR Network, Research and statement writing, Admission tests – GRE General and Subject, TOEFL, IELTS**
- **10:30 - – 11:30 am: Ms. Sraavani, EducationUSA,:US Consulate, Hyderabad**

Tea Break: 11:30 -11:45 am

- **11:45 – 12:30 pm: Scopes in study,Application fee, financial help issues,, Parents and family support**
- **12:30 – 1 pm: Fill out post-workshop survey**

Lunch: 1 – 2 pm

Certificate Ceremony: 2 – 3 pm:

- **Announcement of Mentor Fellowships**
- **Certificates for participants**
- **Recognition for the Local Expert: Nida Mir**
- **Group Picture**

THE OHIO STATE UNIVERSITY

Women in STEM Roadshow

TOTAL WSR WORKSHOPS: 9

2 in Delhi, 2 in Kolkata, 1 in Patna, 2 in Hyderabad, 1 in Kurnool, 1 in Aligarh
Director: Prof. Sultana N. Nahar, The Ohio State University, UISA

WORKSHOP SESSIONS

3 Sessions (3 hours each), 2 Pre-Sessions (1 hour each), Certificate Ceremony (1 hour)
Participants will need laptops/smart phones. Each lecture session includes interactive Q&A

WORKSHOP 8. Kurnool, Feb 20-21, 2018

Mourya Inn, 40-304, Bhagyanagar, Kurnool -518 004

Feb 20, 2018, Day 1::

PRE-SESSION 1: 1 - 2: pm

- **Registration, Sitting, Fill out pre-workshop Survey form, Lunch**

SESSION 1: 2 -5:20 pm

- **2 – 2:05 pm: Local Expert Dr. Jahanara Momin – Welcome, Introducing the Director Dr. Nahar**
- **2:05 – 2:25 pm: Dr Nahar – Welcome, Objectives, Motivation, Introduce International Experts Dr Irving, Dr. Haque, Director of APJ Kalam STEM ERC Dr. Pradhan**
- **2:25 – 2:50 pm: Chief Guest Nafis Khizer, – speech and recognition**
- **2:50 – 3:00 pm US Consullate General Hyderabad Donald Mulligan, Inspiration,US Visa**
- **3:00 -3:15 pm: Dr. Irving – Herself and overview of her talk on skills**
- **3:15 – 3:30 pm: Dr. Haque – Herself, overview of her talk on careers**
- **3:30 – 3:40 pm: Dr. Pradhan – Himself and Indo-US STEM Center**

Tea Break: 3:40 – 3:55 pm

- **3:55 – 4:15 pm:: Dr. Nahar – Women in science, need and role**
- **4:15 – 5:20 pm: Local Expert Dr. Jahanara Momin – Science for Indian women , share experiences (can be in local language), Logistics for engagement for 1 year**

Feb 21, 2018. Day 2:

PRE-SESSION 2: 9 – 10 am

- **9 – 9:30 am: Attendance, Breakfast**
- **9:30 – 10 am: CV /Resume writing**

SESSION 2: 10 am – 1:05 pm

- **10 – 11:15 pm: Dr. Irving – Teaching and learning skills, Science educators**

Tea Break: 11:15 – 11:30 am

- **11:30 – 12:45 pm: Dr. Haque –Education in India and USA, Career, Effective CV**
- **12:45 – 1:05 pm: US Alumnus Aditi Rajput – Benefits in studying in a US University**
- **1:05 – 1:15 pm American Center Chief Hyderabad, Gabriel Oliver: Embassy scopes**

Lunch 1:15 – 2 pm

SESSION 3: 2 -5:20 pm (Haque, Irving, Nahar, Pradhan)

- **2 – 2:30 pm: websites: WSR , WSR Facebook, Form WSR Network, Research and statement writing, Admission tests – GRE General and Subject, TOEFL, IELTS**
- **2:30 – 3:30 am: Ms. Sraavani, EducationUSA, US Consulate, Hyderabad**

Tea Break: 3:30 -3:45 pm

- **3:45 – 4:30 pm: Scopes in study, Application fee, financial help issues,, Parents and family support (US consulate Donald Mulliga, Joe Chirstopher, Pradhan)**
- **4:30 – 5 pm: Fill out post-workshop survey**

Certificate Ceremony: 5 – 6 pm:

- **Announcement of Mentor Fellowships**
- **Certificates for participants, Volunteers recognition**
- **Group picture**

THE OHIO STATE UNIVERSITY

Women in STEM Roadshow

TOTAL WSR WORKSHOPS: 9

2 in Delhi, 2 in Kolkata, 1 in Patna, 2 in Hyderabad, 1 in Kurnool, 1 in Aligarh
Director: Prof. Sultana N. Nahar, The Ohio State University, UISA

WORKSHOP SESSIONS

3 Sessions (3 hours each), 2 Pre-Sessions (1 hour each), Certificate Ceremony (1 hour)
Participants will need laptops/smart phones. Each lecture session includes interactive Q&A

WORKSHOP 9. Aligarh, Feb 23-24, 2018

Abdullah Women's College, Aligarh, UP 202002

Feb 23, 2018, Day 1:

PRE-SESSION 1: 9 - 10 am

Registration, Sitting, Fill out pre-workshop Survey, Breakfast

SESSION 1: 10 am -1:10 pm

- **10 – 10:05 am: Recitation from the Quran**
- **10:05 – 10:10 am Local Expert Dr. F. Arjmand – Welcome, Introduce Director Dr. Nahar**
- **10:10 – 10:25 am: Dr Nahar – Welcome, Objectives, Motivation, Inspiration, Introduce International Experts Dr Irving, Dr. Haque, Director of APJ Kalam STEM ERC Dr. Pradhan**
- **10:25 – 10:30 am Guest of Honor 1: Dr. Hameeda Tariq– speech**
- **10:30- 10:35 am : Guest of Honor 2: Dr. Naima Khatoon – speech**
- **10:35 – 10:45 am US representative**
- **10:45 -11:00 am: Dr. Irving – Herself and overview of her talk on skills**
- **11 00- – 11:15 am: Dr. Haque – Herself and overview of her talk on careers**
- **11:15 – 11:25 am: Dr. Pradhan – Himself and Indo-US STEM Center**
- **11:25 am – 11:40: Chief Guest – speech and recognition**
- **11:40- 11:45 am Tarana and National anthem**

High Tea Break: 1145am –12 Noon

- **12 noon- – 1 pm pm Dr. Nahar – Science for Women, need and role**

- **1 – 1:20 pm: Local Experts Dr. Farukh Arjmand & S. Naseen– science for Indian women , experiences (can be in local language), Logistics for engagement for 1 year**

Lunch : 1:20 - 2pm

SESSION 2: 2 – 5:05 pm

- **2 – 3:15 pm: Dr. Irving – Teaching and learning skills, Science educators**

Tea Break: 3:15 – 3:30 pm

- **3:30 – 4:15 pm: Dr. Haque – Education in India and USA, Career, Effective CV**
- **4:15 – 4:30 pm: US Alumna Sabiha Parveen – Benefits in studying in a US University**

Feb 24, 2018, Day 2:

PRE-SESSION 2: 9 – 10:30 am

- **9 – 9:30 am: Attendance, Breakfast**
- **:30 – 10 am: CV/Resume writing**

SESSION 3: 10 am -1 pm (Haque, Irving, Nahar, Pradhan)

- **10 – 10:30 am: websites: WSR , WSR Facebook, Form WSR Network, Research and statement writing, Admission tests – GRE General and Subject, TOEFL, IELTS**
- **10:30 -11:30 am: Dr. Zafena Suresh, EducationUSA, financial info,, US Consulate, Delhi**

Tea Break: 11:30 -11:45 am

- **11:45 – 12:30 pm: Scopes in study, Application fee, financial help issues, Parents and family support**
- **12:30 – 1 pm: Fill out post-workshop survey**

Lunch: 1 – 2 pm

Certificate Ceremony: 7 – 9 pm:

- **Announcement of Mentor Fellowships**
- **Certificates for participants**
- **Recogntion to Prof. Arjmand, Sabiha, Swaleha, and the team**
- **Group Picture**
- **7:30 pm: Dinner**

Interim Reports on Women in STEM Roadshows workshops
Director: Prof. Sultana N. Nahar, The Ohio State University, USA

GENERAL INFO ON THE WORKSHOPS:

Women in STEM Roadshow (WSR) workshops

• The project has 9 workshops, each of 2 days, and a year long monitoring and evaluation of STEM activities of the participants
• The scheduled workshops are: 2 in Delhi, 2 in Hyderabad, 2 in Kolkata, 1 in Patna, 1 in Kurnool, 1 in Aligarh
• Each workshop has been designed to demonstrate the importance of STEM and provide relevant scopes and tools

WORKSHOP STRUCTURE

• The workshop has 3 main sessions
- I: Objectives, overview, why STEM
- II: Strategy for teaching and learning skills, train for the careers
- III: EducationUSA that provides information of US universities and how to apply for higher studies
- 2 Pre-sessions, Certificate ceremony

WORKSHOP PARTICIPANTS

• Participants of the workshops are students in the STEM from universities and colleges, some high school students, a few teachers in STEM, one US alumna/alumnus
• Each workshops selects two Mentor Fellows from the participating teachers for grooming students in STEM fields
• The students and mentors will report activities a few times until end of the project in Sep 2018
• The participating alumni are committed to spend two hours in high schools to encourage and answer questions to female students in STEM

SUPPORT FOR PARTICIPANTS

• i) Stipends for students as needed for attendance, ii) Mentor Fellowships to two participating teachers (college, high school) in STEM in each workshop

MONITORING and EVALUATION

• STEM related activities will be encouraged and recorded and evaluated by our team at the Indo-US APJ Abdul Kalam STEM Education and Research Center of Aligarh Muslim University and Ohio State University in Aligarh
• Participants will remain connected through networks
i) emails: womenstemroadshows@gmailcom,
ii) facebook: womeninstemroadshow
iii) twitter: https://twitter.com/Womeninstem33
• Updates will be posted at WSR website:
http://www.astronomy.ohio-state.edu/∼nahar/womenstemroadshow.html
or go.osu.edu.womenstemroadshow (both are the same)
• WSR in newspapers: Aligarh, Delhi, Hyderabad, Patna

WSR TEAM MEMBERS:

INTERNATIONAL MEMBERS

• Drector: Dr. Sultana N. Nahar (Ph.D. Physics, USA), Astronomy (OSU), founder of international STEM programs (1995-present)

• International Expert: Dr. Nasreen Haque (Ph.D. Physics, USA), CEO, Intalage, Inc, USA, STEM education involving teachers and students in the USA

• International Expert: Dr. Karen Irving (Ph.D. Science education, USA), Teaching and Learning, OSU, developed STEM program for postgraduate Indian Graduate students under the Indo-US Knowledge Initiative award

• Consultant: Dr. Anil Pradhan (Ph.D. Physics, England), Astronomy, OSU, Director: Indo-US APJ Abdul Kalam STEM Education and Research Center of OSU-AMU

• LOCAL EXPERTS, CONTACTS, VOLUNTEERS:

Delhi:

- Local Expert: Dr. Noor-e-Zhahra (Ph.D. Engineering), recipient of national teaching award
- Local Contact: Diskshya Bhatta (Dentistry, Sharda University)
- Volunteers: Juhaid Farooq, Shah Saaib Ahmad Rabbani

Kolkata:

- Madiha Ahmad (B.Sc.Hon. Botany, Teacher Training Course, calcutta University, Talent Manager, Lifebushido, USA)
- Local contact: M. Sagheerul Islam (B.A, M.BA, Calcutta University, CEO, Sreemudranalaya Technology Pvt. Ltd.)
- Volunteers: i) Fatima Sultan, B.Ed from Aliah University, Park Circus campus 2) ii) Ifra Nadeem, B.Sc Psychology from Loreto College

Patna::

- Local expert: Syed Hasanain (B.A.,M.A., Patna University, involved with charity work, human resources in teaching)
- Volunteers: i) Zoheb Hasan and ii) Kaustabh Singh

Hyderabad::

- Local Expert: Meherunissa Nida Mir (B.Sc. Biotech, M.Sc. student in Psychology, St. Francis College, project involved with issues of minority women)
- Volunteers: Sara (B.Sc. student), Syeda Talat, Captain M.S. Ali

Kurnool::

- Local Expert: Catain M.S. Ali
- Local contact: Abdul Aziz Siddiqui (District Coach, Sports Authority of India)
- Local contact: Dr. Jahanara Momin (Osmania College)
- Volunteer: Dr. Nasreen Haque

Aligarh::

- Local Experts: i) Prof. Furukh Arjmand, ii) Dr. Sabiha Parveen, iii) Swaleha Naseem
- Volunteers: i) Siffeen Lehra (PG Chemistry, AMU), ii) Dr. Mehammad Usman (Chemistry, AMU)

• Each workshop had several additional volunteers

NEW and MEDIA COVERAGE

• The local experts and contacts communicated to media for cover the workshops and the objectives to reach out to the larger community of students. Coverage was made on the TV in 3 locations and in many newspapers in 5 locations.

Followings are the coveraged collected by the Director

ALIGARH:

Pre-workshop: Newspapers: Several announcements were made in newspapers

During and Post-workshop: i) Newspapers: Many newspapers made extensive coverage of the events for a days (many are available at the official WSR website)

ii) TV: No channel in Aligarh

DELHI:

Pre-workshop:

During and Post-workshop: i) Newspapers: Many newspapers covered the event for a few days (number of the are available at the official WSR website)

ii) TV: Channel DurDarshan broadcasted the news in the evening of the first workshop

HYDERABAD:

Pre-workshop: News item announcing the workshop was submitted to newspapers but did not get published

During and Post-workshop: i) Newspapers: Reporter and cameraman came and took interview with pictures. Several newspapers covered the news. (The newspapers were not collected)

ii) TV: Hyderabad TV Channel broadcasted the news in the evening

KOLKATA:

Pre-workshop:

During and Post-workshop: i) Newspapers: Number of newspapers were approached but no positive response

ii) TV: Could not be approached

KURNOOL:

Pre-workshop:

During and Post-workshop: i) Newspapers: Not known

ii) TV: Urdu Channel (broadcasts to 36 countries) "Baaz E Aaina" interviewed and posted a long news item

PATNA:

Pre-workshop: Extensive coverage in newspapers

During and Post-workshop: i) Newspapers: Extensive coverage of the event

ii) TV:

Director: Prof. Sultana N. Nahar, The Ohio State University, USA

INTERIM REPORT

Workshops 1,2 - Delhi, February 5-6 & 7-8, 2018

• The first two of the nine workshops were held successfully at Jamia Millia Islamia (JMI) University in Delhi during Feb 5-6 and 7-8 respectively

• Number of participants: 33 (1st workshop), 55 (with a contingent of 20 JMI students, 2nd workshop). They were
- i) students from a number of colleges/universities in and around Delhi,
- The Delhi participants include 10 students from Kashmir
- ii) several high school students
- iii) 6 teachers from colleges and high schools
- iv) two US alumni

• The Honorable Dr. Najma Heptullah (Ph.D. Zoology and university teacher at age 22), Governor of Manipur and Chancellor of JMI, accepted to be the Chief Guest at the inaugural session on Monday Feb 5, much before JMI was chosen to be venue. She traveled to Delhi for the workshop.
- The session was presided over by the Vice-Chancellor of JMI, Prof. Talat Ahmad

• Dr. P. Basak (Ph.D. Engineering, Director of Science Institute, Meerut University) was the Chief Guest of the 2nd workshop

• The introductory session consisted of presentations by the Director Prof. Nahar, International Expert Prof. Karen Irving, and Consultant Prof. Anil Pradhan.
- The third international expert, Dr. Nasreen Haque, could not attend owing to an accident in the family before the event. Ms. Swaleha Naseem, Indo-US scholar in nanotechnology from the Aligarh Muslim University (AMU), substituted for Dr. Haque, with Prof. Pradhan as support in the 1st workshop. Prof. Pradhan and Prof. Irving substituted Dr. Haque in the 2nd workshop

• Presented talks began with general inspirational and scientific material by the Director, and guided the students through issues faced in STEM careers, applications to US universities, CV/Resume writing, passport/visa applications, sources of funds, overcome cultural barriers topics

• Interactive sessions consisted of pattern recognition and relation to STEM problems by Karen Irving, and EducationUSA resource by the Director

• Local expert: Dr. Noor Zahra (Ph.D. Engineering, recipient of national teaching award) presented Indian female scientists who won the challenges and became successful, and provide logistics for the WSR network activities

• Dr. P. Ramarajan from US Embassy talked about profession and how to stay in it during family breaks

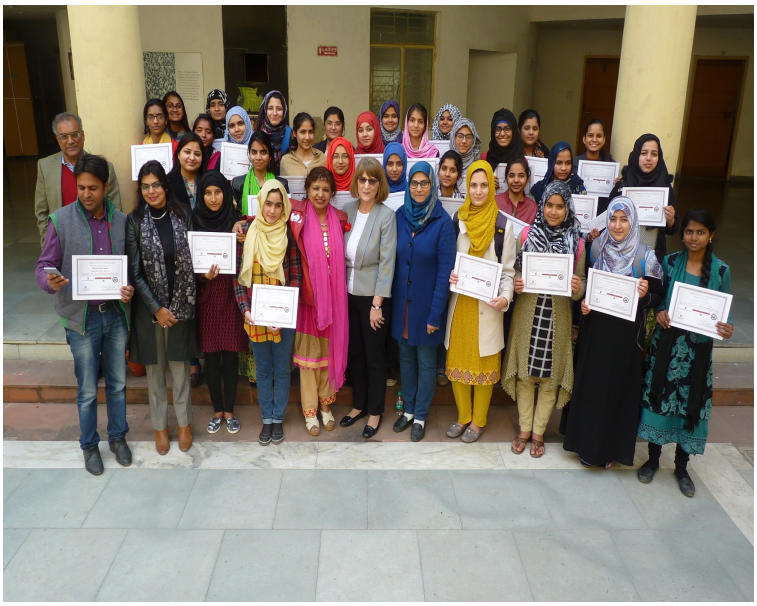
• NEXUS representatives from US Embassy in Delhi briefly discussed entrepreneurial opportunities

• Alumni shared their experiences on easy access to teachers, advantages of midterm, extra benefits of seeing a rich country, forming international friends and building a stronger personality

• There were about half an hour of problems with slow internet and technical difficulties in Session 2, Day 1. Participants were used it and were not bothered. The problems were overcome by re-organization of the online material.

• Students were highly enthusiastic and expressed inspired by the speakers. One Kashmiri student expressed at the end on behalf of the participants the gratitude on the workshop opportunity

• There were pre- and post-surveys of all students in writing. First reading shows highly positive comments about how the workshops met their expectations, how much they learned, and how they would follow up.
- Prof. Noor Zahra has a preliminary analysis and all responses have been archived.
• Second Chief Guest, students and teachers received stipends
- The selected Mentor Fellows (teachers) who will focus on engaging students to STEM activities received honorarium. The Mentor Fellows are:
1. Dr. Kashish A Shakil, Jamia Hamdard University (shakilkashish@yahoo.6.in), Workshop 1
2. Harpreet Sandhu (Government Girls Senior Secondary School), Workshop 1
3. Dr. Sakshi Dhall (JMI), Workshop 2,
4. Darakhshan Naheed, Faizanul Uloom Urdu Girls High School ((dnhd75@rdiffmail.com), workshop 2
• Detailed analysis of the metrics of the workshops would be carried out after the end of the workshops and other activities by September 30, 2018.
• Some pictures from the two Delhi workshops are given below: TL - group with certificates, TR: attending participants, BL: Chief Guest Dr. Najma Heptullah interacting with WSR participants, BR: a Kashmiri participant expressing gratitude for the workshop



Director: Prof. Sultana N. Nahar, The Ohio State University, USA

INTERIM REPORT

Workshops 3,4 - Kolkata, February 9-10 & 11-12, 2018

• The 3rd and 4th of the nine workshops were held successfully at The Pearl Hotel, 35-Z Radha Madhab Dutta Garden Lane, (Opp of Salt lake Stadium VIP Gate on Em Bypass), Kolkata 700010 during Feb 9-10 and 11-12 respectively

• Number of participants: 28 (1st workshop), 27 (2nd workshop). They were
- i) students from a number of colleges/universities in and around Kolkata
- ii) several high school students
- iii) 3 teachers from high schools
- iv) two US alumni (both joined via zoom)

• The Chief Guest for workshop 3 the Honorable Chief Minister Mamata Banerjee was deputed by Minister Chandrima Bhattacharya who spoke about the Indian constitution of equal right regardless of religion and government support for minorities

• The Chief Guest for workshop 4 was Prof. Ghazala Yasmin, a faculty in Journalism of Alia Urdu University who spoke about the need for minority women to go for education

• The introductory session consisted of presentations by the Director Prof. Nahar, Chief Guest, International Expert Prof. Karen Irving, Dr. Nasreen Haque (via zoom) and Consultant Prof. Anil Pradhan

• Presented talks began with general inspirational and scientific material with exanples of current outstanding scientific problems affecting our daily lives by the Director, and guided the students through issues faced in STEM careers, applications to US universities, CV/Resume writing, passport/visa applications, sources of funds, overcome cultural barriers topics

• Interactive sessions consisted of points related to graduate studies- current trend on emphasis on undergraduate research, years of studies in the hone institutions, TOEFL and IELTS, GRE (general and subject), practice on preparing the CV, research statements, venues of getting financial support etc by Sultana Nahar, Anil Pradhan, Karen Irving. EducationUSA was also presented by US Consulate representative Chandrima

• Local expert: Madiha Ahmad presented STEM importance, showed example of female scientist - Dr. Nahar, challenges and how to be successful, and provide logistics for the WSR network activities

• Representatives from US Embassy and American Center, Sheena Hall (workshop 3) and Jaimie Dragon (workshop 4) encoraged students in pursuing their dreams of achievement and provided information available to students and educators

• Alumni shared their experiences on easy access to teachers, advantages of midterm, extra benefits of seeing a rich country, forming international friends and a network

• Students were highly enthusiastic and expressed being inspired by the speakers.

• There were pre- and post-surveys of all students in writing. First reading shows highly positive comments about how the workshops met their expectations, how much they learned, and how they would follow up.

• The workshops in Kolkata went exactly as planned in schedule and content.

• Participating students and teachers received stipends

- The selected Mentor Fellows (teachers) who will focus on engaging students to STEM activities received honorarium.1. Shabana Yasmin, AJP School (shabanayasmin27@gmail.com) 2. Sumbul Ahamad, Saifee Hall School (sumbul77@rediffmail.com) workshop 4

• Some pictures of Kolkata workshops 3,4: TL: Minister Bhattacharia deputing Chief Guest Mamata Banerjee, RT: Session, BL: Group picture at certificate ceremonmy Workshop 3, BR: Certificate ceremony of workshop 4

Director: Prof. Sultana N. Nahar, The Ohio State University, USA

INTERIM REPORT

Workshops 5 - Patna, February 13-14, 2018

• The 5th of the nine workshops was held successfully at Hotel Gargee Grand, Plot no 825, Exhibition Road, Patna

• Number of participants: 61. They were

- i) students from a number of colleges/universities in and around Patna
- 4 travelled over 20 km from APJ Abdul Kalam Engineering College to attend the workshop
- ii) several high school students
- iii) 8 teachers from high schools
- iv) one US alumnus (via zoom)

• The Chief Guest for workshop was Dr. Sister Marrie Jessi, A.C., the principal of the Patna Women's College who spoke about importance of focusing and encouraged them to focus on education

• The introductory session consisted of presentations by the Director Prof. Nahar, Chief Guest, International Expert Prof. Karen Irving, Dr. Nasreen Haque (via zoom) and Consultant Prof. Anil Pradhan

• Presented talks began with general inspirational and scientific material with exanples of current outstanding scientific problems affecting our daily lives by the Director, and guided the students through issues faced in STEM careers, applications to US universities, CV/Resume writing, passport/visa applications, sources of funds, overcome cultural barriers topics

• Interactive sessions consisted of points related to graduate studies- current trend on emphasis on undergraduate research, years of studies in the hone institutions, TOEFL and IELTS, GRE (general and subject), practice on preparing the CV, research statements, venues of getting financial support etc by Sultana Nahar, Anil Pradhan, Karen Irving.

• EducationUSA representative from US Consulate Kolkata presented (via zoom) information about admissions and took questions in an hour long session

• Local expert: Syed Hasanain encouraged women of the minority to go for STEM subjects to be a part alongwith others for future advances, importance of independence

• Dr. Nahar discussed about challenges and how to be successful, and provide logistics for the WSR network activities

• The alumnus (online from Mumbai) talked about how much he benefitted and his attachment with his alma mater and international friends

. • EducationUSA representative Chandini from Kolkata presented (on skype) the information available at the American Center, encouraged participants to visit physically or website or write email for any questions

• Students were highly enthusiastic and expressed gratitude for all the support, inspiration and information. Many of them did not have much idea about what was needed for applications

• There were pre- and post-surveys of all students in writing which show highly positive comments about how the workshops met their expectations, how much they learned, and how they would follow up.

• The workshops in Patna went exactly as planned in schedule and content.

• Participating students and teachers received stipends

- The selected Mentor Fellows (teachers) who will focus on engaging students in STEM activities received honorarium. They are:

1. Dr. Shahla Yasmin, Patna Women's College (shahla_apea@yahoo.com)
2. Zubeire Nuzhar J. Hyder, Ayub Girls High School (jawed_irfan@rediffmail.com)

• Note on the number of participants:
- The local experts and contacts had to make considerable effort to get the participants since "minority" category was not much welcomed at a number of institutions
- Number of attending participants was less than that registered (e.g. Workshops 1, 3, 4) largely due to their on-going exams. So more candidates were accepted than planned. In Patna, almost all candidates who submitted CVs and met the criteria of a participant attended the workshop.
• Some pictures from Patna workshop are given below. TL: Session I with Chief Guest Dr. Marie, the Principal of Patna Women's College, TR: participants BL: Questions from participants, BR: Certificate ceremony

Director: Prof. Sultana N. Nahar, The Ohio State University, USA

INTERIM REPORT

Workshops 6,7 - Hyderabad, February 16-17, 18-19, 2018

• The 6th and 7th of the nine workshops was held successfully at Minerva Grand Hotel, 8-2-616, Banjara Hills, Road No - 11, Hyderabad - 500034

• Number of participants: 39 (workshop 6), 36 (workshop 7). They were
- i) students from a number of colleges/universities in and around Hyderabad
- 5 travelled over 20 km (workshop 6) to attend the workshop
- ii) number high school students
- iii) 7 teachers from high schools
- iv) Two US alumnai
- Alumnus Mohammad Omar Hussain (engineer) traveled from Oman to Hyderabad for two days to participate in the workshop as he felt the need to contribute for the WSR cause

• The Workshop 6 Chief Guest for workshop was Dr. Farida Hussain (Economics), current President of All India Women Conference who spoke how her work relates to STEM fields in working with village women health loosing limbs due to poisonous bites during taking care of toilet needs in the open field at night time, renewable energy, natural humidifiers etc as these are all part of life. She brought samples of natural products for demonstration, and encouraged participants to focus on education
- In Workshop 7 Dr. Syed Najamul Hasan expressed his realization that his upbringing by his working mother had made him respect women professional and that no female in his research group showed lower performance than the male members. He enouraged students to apply to his institution

• The introductory session consisted of presentations by the Director Prof. Nahar, Chief Guest, International Expert Prof. Karen Irving, Dr. Nasreen Haque and Consultant Prof. Anil Pradhan

• Presented talks began with general inspirational and scientific material with exanples of current outstanding scientific problems affecting our daily lives by the Director, and guided the students through issues faced in STEM careers, applications to US universities, CV/Resume writing, passport/visa applications, sources of funds, overcome cultural barriers topics

• Interactive sessions consisted of points related to graduate studies- current trend on emphasis on undergraduate research, years of studies in the hone institutions, TOEFL and IELTS, GRE (general and subject), practice on preparing the CV, research statements, venues of getting financial support etc by Sultana Nahar, Anil Pradhan, Karen Irving.

• EducationUSA representative Sraavani from US Consulate Hyderabad presented information about admissions and took questions in an hour long session

• Local expert: Meherunnisa Nida Mir encouraged women of the minority to go for STEM subjects to be a part alongwith others for future advances, importance of independence and showed examples of Indian women pioneers including Sultana Nahar

• Dr. Nahar discussed about challenges and how to be successful, and provide logistics for the WSR network activities

• The alumnus M. Omar Hussain talked about how the training in the USA made him. Originally from Kashmir he is committed to spend two hours in a girls school in Kashmir for the project. Alumna Vijaya Tirmalareddy in Hyderabad expressed gratitude for her education in the USA and helping her successful

• EducationUSA representative Sraavani in Hyderabad presented the information available at the American Center, offered suggestios and encouraged the participants to make appointments for any questions

• US Consulate representative Akash Suri spoke about women power and Joe Christopher spoke about various educational scopes under exchange programs
• There were pre- and post-surveys and their verbal statements show that all students felt highly positive about the workshop, materials they learnt, hope to pursue their dreams for higher education, and how much they were inspired by meeting the scientists.
• The workshops went exactly as planned in schedule and content.
• Participating students and teachers received stipends
- The selected Mentor Fellows (teachers) who will focus on engaging students in STEM activities received honorarium. They are:
1. Sujatha Kolikipamla, Government Junior College (sujatha.kolkipamla@gmail.com), Bollaram, Secunderabad, 2. Bushra Shireen, Shadan College, Hyderabad (bsmeraj4292@gmail.com), Workshop 7
3. Siddiqua Samreen, Ravindra Bharti School (samreen4ru@gmail.com), Hyderabad, Workshop 7
• Two local TV channels broadcasted workshop news and news was published in newspapgers
• Pictures below from Hyderabad workshops show Chief Guest Dr. Farida Hussain with demonstrating items on the table (L, top), Dr. A.K. Pradhan responding to questions (R, top), groups of certificate ceremony (bottom two)

Director: Prof. Sultana N. Nahar, The Ohio State University, USA

INTERIM REPORT

Workshops 8 - Kurnool, February 20-21, 2018

• The 8th of the nine workshops was held successfully at Mourya Inn, Kurnool

• Number of participants: 51

- 46 stdents from a number of colleges/universities in Kurnool
- 4 teachers,
- Alumna Aditii Rajput (online from Mumbai)

Note: About 30 additional students with two teachers gathered outside the conference room after WSR session started. However, they had to be turned away as we were already in full capacity

• The Chief Guest for workshop Nafis Khizer, who runs a large charity organization for women and a free clinic, spoke about priority on economic independence for women and most crucial need for STEM education.

• The first day session consisted of presentations by the Director Prof. Nahar, Chief Guest, International Expert Prof. Karen Irving, Dr. Nasreen Haque, Consultant Prof. Anil Pradhan, and alumna Aditi

• Presented talks began with general inspirational and scientific material with exanples of current outstanding scientific problems affecting our daily lives by the Director, and guided the students through issues faced in STEM careers, applications to US universities, CV/Resume writing, passport/visa applications, sources of funds, overcome cultural barriers topics

• Consular Chief Mulligan started his speech with the exemplary entreprenuer woman, Prophet Muhammad's wife Khadija, emphasized importance of STEM subjects, and adviced on information on US visa. Chief of American Center Hyderabad, Gabriel Hons-Olivier, provided information on the various helps in the embassy, American Center, EducationUSA

• Interactive sessions consisted of points related to graduate studies- current trend on emphasis on undergraduate research, years of studies in the hone institutions, TOEFL and IELTS, GRE (general and subject), practice on preparing the CV, research statements, venues of getting financial support etc provided by Sultana Nahar, Anil Pradhan, Karen Irving.

• EducationUSA representative Sraavani Pere from US Consulate Hyderabad presented (via zoom) information about admissions and took questions in an hour long session

• Local expert Prof. Jahana Momin asked the students to go forward with courage and acheive the goals. She also gave information on contacts and on some STEM activities

• There were pre- and post-surveys of all students in writing which show highly positive comments about how the workshops met their expectations, how much they learned, and how they would follow up.

• Participating students and teachers received stipends

- The selected Mentor Fellows (teachers) who will focus on engaging students in STEM activities received honorarium. They are:

1. Dr. Jahanara Momin, Osmania College for Women, Kurnool (jahanara.phd@gmail.com)
2. Dr. Lakshmi Prasuna, KVR Government College, Kurnool (prasunacpl@gmail.com)

Kurnool workshop pictures

• Some pictures from Kurnool workshop are given below: TL: Certificate ceremony, TR: presentation by Chief Consular of Hyderabad Mr. Mulligan, i BL: presentation by Dr. Nasreen Haque, BR: question from a participant.

Director: Prof. Sultana N. Nahar, The Ohio State University, USA

INTERIM REPORT

Workshops 9 - Aligarh, February 23-24, 2018

• The 9th of the nine workshops was held successfully at Abdullah Women's College, Aligarh

• Number of participants: 58. 51 stdents, 6 teachers, 1 Alumna They were

- i) students from Abdullah Women's College, Zakir Hussain Engineering Coolege, University Polytechnique
- ii) several high school students
- iii) 6 teachers from high schools and colleges
- iv) one US alumna, Dr. Sabiha Parveen

Guests of Honor were Dr. Hameeda Tariq and Prof. Naima Khatoon gulzar, who presented statistics of education women, encouraged students to increase the number and to focus on education

• The first day sessions consisted of presentations by the Director Prof. Nahar on how to utilize the half of the intellectual power of the human race and current outstanding scientific problems affecting our daily lives, International Expert Prof. Karen Irving on teaching skills and hands-on activities, Dr. Nasreen Haque on STEM education and prefessional scopes, and Consultant Prof. Anil Pradhan on graduate admission

• Second day was on CV writings, EducationUSA via skype by a representative from Delhi office, Zafeena Suresh, who also answered many questions, sources of funds for studying in US universities, applications to US universities, passport/visa applications, overcome cultural barriers

• Interactive sessions consisted of points related to graduate studies- current trend on emphasis on undergraduate research, years of studies in the hone institutions, TOEFL and IELTS, GRE (general and subject), practice on preparing the CV, research statements

• Local expert Prof. F. Arjmand enphasized how women could break the barrier to education and gave examples of past and present successful scientist and Swaleha Nasim discussed about various logistics of WSR and reporting

• The alumna Dr. Sabiha Parvin talked about her intense learning experience in the USA and opening her mind and thoughts

. • EducationUSA representative Zafeena Suresh from Delhi presented (on skype) the information available at the American Center, encouraged participants to communicate any questions via email

• The pre- and post-surveys of students in writing show highly positive comments about the workshops and how much motivated they felt

• Being the last workshop, the Indu-US STEM Center of Education and Research of OSU-AMU organized an evening ceremony for the certificates. University administrations and heads of the STEM departments were invited. - The selected Mentor Fellows (teachers) who will focus on engaging students in STEM activities received honorarium. They are:

1. Dr. Nazura Usmani (Zoology, Abdullah Women's Coolege),
2. Ms. Safia Sultana (STEM Teacher, Abdullah Girls High School)

Sultana Nahar tnanked and recognized the members of STEM Center and members of the international team with trophies and certificates. Professor Alim Naqvi, the founder of Nanotechnology Center of AMU, gave compliments to the leadership of Sultana Nahar and recognized her.

Pictures from Aligarh workshop:

• Note on the participating institutions:

- The local experts visited limited number of institutions in Aligarh and nearby area. However, "minority" category was not welcomed by the authorities of two of them and no application came from them

• Some pictures from Aligarh workshop are given below: TL: certificate ceremony, TR: inauguration session, BL: Sultana addressing the participants, BR: students worked on the resume writing and filled out survey forms

Mentor Fellow, Aligarh: Dr. Nazura Usmani Aligarh Muslim University (Women's Coollege), Aligarh **22.03.2018**

B.Sc. Students attends National Symposium com Bioinformatics workshop,

March 20 - 21, 2018

I motivated the students to attend/paticipate (oral/poster) in workshops,interships, Life science fest (BIOSPARK),Training and placement cells (so that they are aware of opportunites available for them in the educational institutes and other sectors after graduation or for that matter pursue for higher education in the STEM fields.The mentor also participated in the events.

The students of B.Sc 2nd year (stem members) attended a National symposium cum Bioinformatics workshop on TRENDS IN GENOMICS: CONGRUENCE WITH CONTEMPORARY BIOTECHNOLOGICAL TOOLS at interdisciplinary biotechnology center AMU ALIGARH (20-21) March 2018. This forms the part of their course, hence will assist them in understanding of advanced concepts to purse advanced studies and research in future.

The students of 4rth and 6th semester also attended lectures at interdisciplinay Biotechnology Unit (AMU) during the National symposium cum workshop on " trends in Genomics: congruence with contemprory biotechnological Tools". the syposium was important as they have bioinformatics as one of course in their curriculum.

Mentor Fellow, Aligarh: Safia Sultana Aligarh Girls School, Aligarh 23/08/2018

Students carried out experiments and critical analysis.

Students of AMU girls school were engaged in activities(as written on the board for some experiments) based on the concept thus felt the urge to continue the scientific expedition at high level. Skills, knowledge, critical thinking, scientific inquiry were developed. This motivated them to pursue science in higher classes

Students of AMU girls school of standard 8,got an opportunity to make science model and explain the concept behind it. My guidance motivated them nd developed interest towards critical thoughts and scientific enquiry.

With regards, safia sultana, AMU, Aligarh

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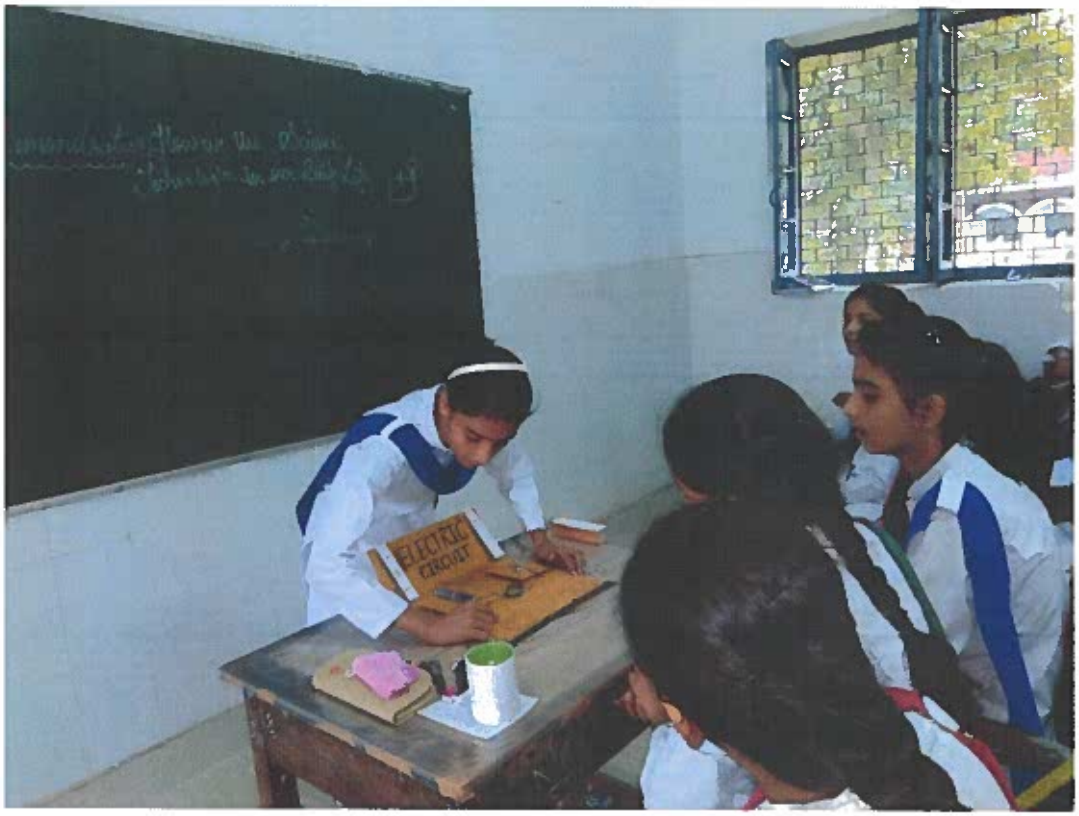

ELECTRIC
CIRCUIT

Mentor: Dr. Kashish Are Shakil, Jamia Hamdard University

On the occasion of International Women's Month and to support Women and Girls in Science, a hands on session was organized by me along with the education adviser from United States-India Educational Foundation (USIEF) on 12 March 2018 at the department of Computer Science and Engineering. The session covered about writing a Statement of Purpose and Resume. The education adviser also addressed questions on funding opportunities, visa and process of applying to the U.S. universities. In order to further motivate the participants the session was followed by screening of Film *"Hidden Figures (2016)."*

This event was enthusiastically attended by both male and female students and the staff at Jamia Hamdard. Stewart Davis, North India Program Director of United States-India Educational Foundation (USIEF) also addressed the gathering. Overall the event was a great success. The students became very motivated by the end of the session and many of them are planning to apply to U.S. universities through the funding opportunities mentioned during the session. The photographs for the event are attached.

MENTOR REPORT: WOMEN IN STEM ROADSHOW, DELHI

Providing guidance to some participants

Being a mentor to support participants of Women In STEM Roadshow Workshops held in February 2018 at Jamia Millia Islamia (JMI), Delhi, India I have been in contact with several participants of WSR Workshop through email and phone call and have guided them for pursuing higher studies in STEM areas in US Universities.

Their academic progress was monitored and their queries related to higher studies were addressed through email and personal meeting. They were provided with useful online information and web links for attending sessions conducted at American Centre regarding GRE/GMAT preparation and International admission and recruitment advice, scholarships for higher studies in US etc. Academic progress as shared by some of the participants of the WSR workshop is as follows:

- Ms. Nazma Husain has completed her M.Sc. Physics, Department of Physics, JMI and has now started pursuing Ph.D. in the area of High Energy Astrophysics from Department of Physics, JMI. She scored 87.7%in her Masters and IIIrd rank in the University.

- Ms. Zainab Shamim has completed MSc. Mathematics with Computer Science, Department of Mathematics, JMI and scored 8.44 CGPA. She is currently preparing for National Eligibilty Test (NET-JRF) and intends to enter research in area of Mathematics.

- Ms. Lavina Pahuja has also completed MSc. Mathematics with Computer Science, Department of Mathematics, JMI and scored 8.6 CGPA. She is also currently preparing for National Eligibilty Test (NET-JRF) and intends to enter research in area of Pure Mathematics.

- Ms. Madeeha Zubair has completed B.Sc. (H) Physics, Department of Physics, JMI and has scored 8.2. CGPA. She is currently preparing for Entrance Examinations for post-graduate courses.

- Ms. Kayenat Sheikh is pursuing B. Sc. Biosciences, JMI and is in her last year of the degree program. She is also preparing for Entrance examination for post-graduation. In this respect, she had also enquired about the possible post-graduate course options that she is eligible for. She was provided with a detailed list of courses she can choose from for her post-graduation.

Report prepared by Ms. Sakshi Dhall, Assistant Professor, Department of Mathematics, Jamia Millia Islamia, Delhi, India

WOMEN IN STEM ROADSHOW

Mentor Report: Darakhshan Naheed, Delhi

"Motivating students to STEM fields"

As a mentor to support participants in STEM workshop held in February 5-6 and February 7-8, 2018 at Jamia Millia Islamia(JMI),Delhi,India . I have been trying to be in touch with participants of WSR through phone and mail and have been giving information for pursuing STEM field. Academic progress shared by some of the participants is as follows.

- Nida Ahmad is persuing BCA. She has scored 93.5% marks in last semester. She has done workshops on Java and Python.
- Aayat has passed high school with 83% marks in Kashmir . She has chosen Science for further studies.
- Preeti is persuing M.Sc. from GBU .Now she is in 2nd year .She has passed first year with 7.8
  CGPA
- Aayesha Qamar has taken admission B.Sc in women's College ,Jamshedpur,Bihar.
- Khooshboo is preparing for Medical entrance examination after passing 10+2 with Science.
- Bushra Perween is persuing M.Sc. in Chemistry. She has passed 1st year with 8.2 CGPA .
- Aayesha Sulemani is also persuing M.Sc. in Chemistry. She has passed 1st year M.Sc. with 8.9 CGPA.

Prepared by Darakhshan Naheed, Mentor, WSR .

WOMEN IN STEM ROADSHOW

STEM PROJECT: GROW PLANTS IN VITRO

Bushra Shireen, Mentor Fellow, Hyderabad

February, 2018

STUDENT POPULATION

- Enthusiastic students from different batches – GCCA (genetics, chemistry, and computer applications), BMC (biochemistry, microbiology, and chemistry), GMC(genetics,microbiology, and chemistry) and MCCA(microbiology,chemistry, and computer applications) were encouraged to take part in the STEM workshop.
- We had to limit participation as the seats were limited for the workshop and there were large number of students who were disappointed as they could not participate.
- I learned valuable tips to motivate my students.
- I decided to routinely organize experiments and/or activities outside of the regular syllabus.
- One such activity was to grow plants invitro

ACTIVITY: Grow plants invitro

- I organized the activity in Shadan Degree College for Women where I am a full time faculty.
- Under sterile conditions, using laminar air flow chamber and autoclaves an enrichment medium for tissue culture was prepared.
- Each batch was given different seeds for inoculation and few were given the leaf of the same species.
- Some of the species studied were: Mustard (Brassica Juncea), Cumin, fenugreek, and Sesame seeds

RESULTS

- Comparison between seed and leaf incubation was recorded.
- On leaf, after incubation in incubators, the development of callus was observed.
- In inoculated seeds, after incubation; germination was observed.
- Students were excited to observe the results.
- Experimentation and hand-on learning is fun for students and more appealing
- Most of my students after the STEM roadshow recognize the importance of observation and inference.
- I am grateful for the workshop and thank Dr. Sultana Nahar for organizing.

My students with the results

Me and my students

Result of Invitro Growth of Plants

Mentor Report: Kolikipamula Sujatha, Government Junior College, Secunderabad, Hyderabad - 9/27.2018

Report Motivating students to STEM events

Dear Madam,

I thank you for enlightening me, my colleagues and students in varied career options through STEM ROAD SHOW. Our students belong to the under privileged sections of the society, who have very little exposure for selecting their goals. The STEM helped the students to understand the importance of Science and Technology in connection with Job aspects in the field of science and technology. My colleagues Smt. G. Lavanyachandra, Smt. S.Deepika and myself encouraging/motivating the students by exposing them to various Science Fairs, Mathematical Olympiads and other competitive exams in the field of science and technology. Specially in our college the students are learning by doing experiments rather than rote memory. The 12th Grade students who have attended the STEM Programme have successfully completed their 12th Grade and got admissions in Engineering/Life sciences at Under Graduate level. The 11th Graders also completed successfully with distinction. Now they are aiming at getting admission in Medicine/Computer Science Engineering in APEX Institutions.

I am going to attend Orientation Programme at Regional Institute of Education at Mysore, which is going to commence on 30th September 2018, for a week. At orientation programme I will try to incorporate the objectives, what I learnt at STEM, Hyderabad.

My colleagues and myself are encouraging the students under the guidance of our Principal Mr. Srinivasulu Bhatta in the light of STEM Programme.

Thanks & Regards,

Smt.Sujatha Kolkipamala

Lecturer in Physics

Lecturer in Physics

Mentor, Kolkata: Mrs. Sumbul Ahmad, AMU

Mentor to Students of SGJ School, Kolkata

Robotics is an interdisciplinary branch of engineering and science that includes mechanical engineering, electronics engineering, computer science, and others **(STEM Education)**.

World is changing very fast. Once upon a time there was a PC revolution, Then Mobile Revolution now in future Robotics will be part of our lives.

With this **vision** our **Mentor Mrs. Sumbul Ahmad** has been striving hard to create an **awareness** of **STEM Education** and the Role of Robotics in future among the **young girls** and **boys** and their **parents** of the **Minority Section** of the **Society**.

One of the **Efforts** to create **awareness** of **STEM Education** and to draw **attention** towards **Robotics Learning** was to **organize** an **exhibition** for such **students** and **parents**.

A Robotics exhibition was held in the **School Auditorium** on 23rd June, 2018 for which our **Mentor** teacher **Mrs. Sumbul Ahmad** picked up a group of excited students who were willing to devote some time after school for the activity.

In those sessions we learned how to connect circuits to its mechanical parts. These models were then connected to the computer and then programmed using Arduino application. These models were a miniature of the real life mechanical system used in everyday life. For example.

1. **The Counter Mechanism model used in Shopping Malls to sense the approaching footstep and opens the door.**
2. **A crane was built using pulley system to lift heavy weight in construction sites.**
3. **The switch railway gate was programmed to sense the approaching train and opens the gate and closes it when it passes through it.**

We are extremely thankful to Mrs. Sumbul Ahmad who used the **fellowship amount** judiciously to **sponsor** the **circuits** and **components** for **building** these **miniature models**.

On the we showed a presentation of Robotics playing in the **backdrop** and students demonstrated the working models which essentially used **Physics** and **Mathematical** principles integrated with **Computer programming**. It showed the vast opportunities available to students who pursue Robotics as a subject especially in **STEM Education**. It successfully motivated the students at large. **Robotics** makes learning **Science** and **Maths** fun, with **hands-on** activity instead of **theoretical learning**.

With this Exhibition we could successfully inspire a lot of students at large to Motivated them to pursue Stem Education as their career.

We would also like to thank our Coordinator Mrs. Samina Khan and our Vice Principal Mrs. Sukaina Ali for allowing us to put up this **Enriching Event**.

Report by,

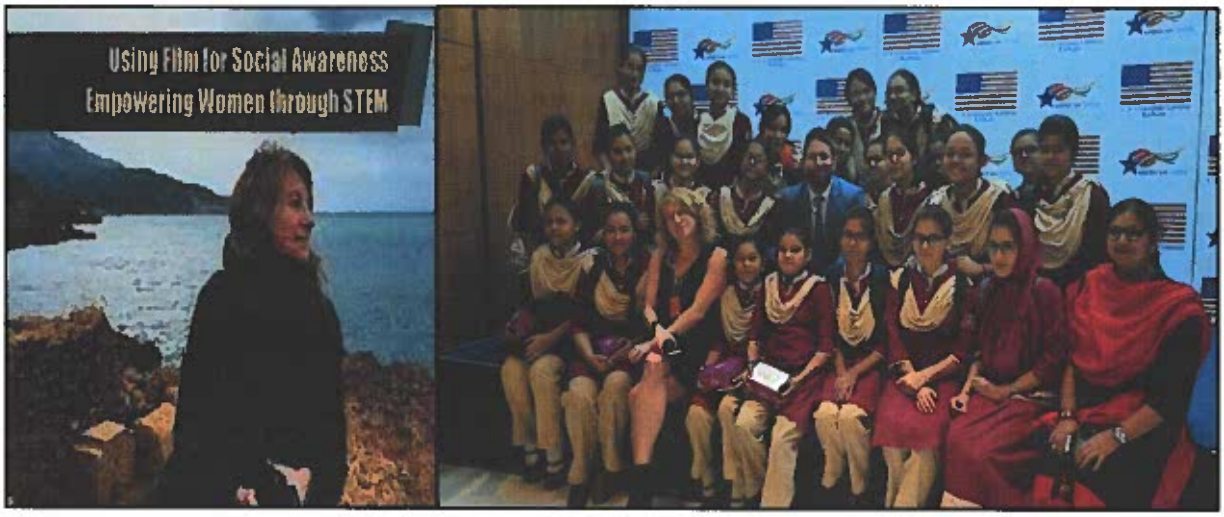
Nabiha Mohiuddin and Ayesha Firdous (On behalf of the entire group)

Edited by Mrs. Sumbul Ahmad

Mentor, Kolkata: Mrs. Sumbul Ahmad, SGJ School

CONDUCTED STEM AWARNESS PROGRAMME... Arranged and Escorted the Student to The American Consulate to watch the Documentary "BIG DREAM" by KELLY COX

Big Dream follows the intimate stories of seven young women who are breaking barriers and overcoming personal challenges to follow their passion in science, math, computing & engineering (STEM).



Kelly Cox Director **Group of Science Students from SGJ School**

It was on 15th February when our Mentor **Mrs. Sumbul Ahmad**, made some sincere efforts to make arrangements for we girls to attend the screening of this documentary, so that we could get **inspiration** and **motivation** and at the same time develop our **keenness** to pursue our studies further in **STEM education.**

We would also like to thank our Coordinator Mrs. Samina Khan and our Vice Principal Mrs. Sukaina Ali for allowing us to witness this **enriching Event**.

Girls from many other schools formed a part of this show. The students were shown a documentary film **'BIG DREAM'** that was directed by Kelly Cox. The film acted as the best remedy to overcome the ailment called **'fear'**. Fear to try, the fear of being judged, fear to face the world as a failure, all were erased when students were shown that especially filmed video for a wonderful cause. It had some really powerful ladies as protagonists. It conveyed how failure is not the end; instead it is just the beginning of a successful journey ahead.

The film triggered a great deal of confidence that was somewhere lost within us. It helped us explore our true abilities.We had an interactive session with **Kelly Cox (Director) and Jay Treloar (Director American Center, Kolkata).**

Interactive session

It was quite a **learning experience** as amongst the girls we had a young director from Loreto School Bowbazar who used Technology to direct films in very low budget. The session not only broadened our **visions** but also motivated us to **overcome** our **hindrances** to become **victorious** and follow our **dreams passionately**.

Later, after the program came to an end, the students were handed food packets. We as students were really blessed to attend a program that was so motivating and especially designed for **girls** from **minority sections** to dominate in the fields of **Science**, **Technology**, **Engineering** and **Mathematics**. A big thanks to the organizers, who helped us realize that we are not models to stay back at home and decorate the same. We are the leaders that can make this world a better place to live in. It was one really wonderful experience we had shared.

Report by,

Tanzila Naz and Munshi Saba Khatoon

(On behalf of the entire group)

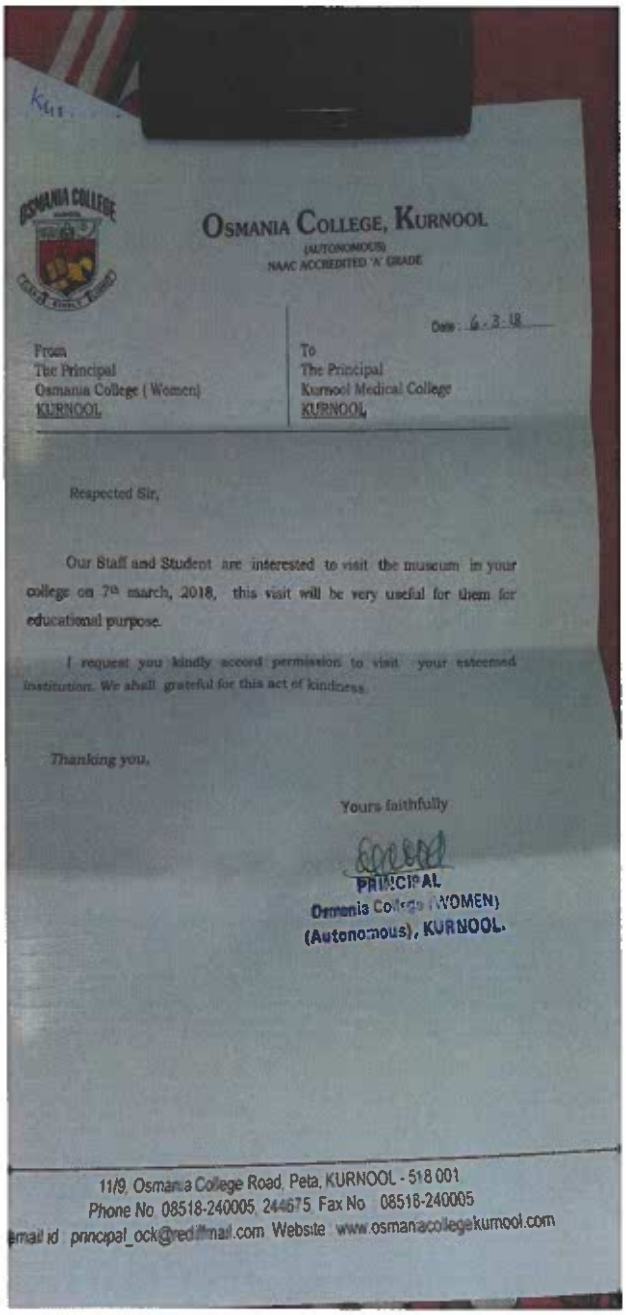
Mentor: Dr. Jahanara Momin, Osmania College for Women, Kurnool

On 7th March 2018 we took the students to the medical college ,visited anatomy museum physiology and biochemistry laboratories .here I am sending photos and videos..

Thank you for giving this opportunity

Thanks to all.

Jahanara Munim



OSMANIA COLLEGE, KURNOOL
(AUTONOMOUS)
NAAC ACCREDITED 'A' GRADE

Date: 6.3.18

From
The Principal
Osmania College (Women)
KURNOOL

To
The Principal
Kurnool Medical College
KURNOOL

Respected Sir,

Our Staff and Student are interested to visit the museum in your college on 7th march, 2018, this visit will be very useful for them for educational purpose.

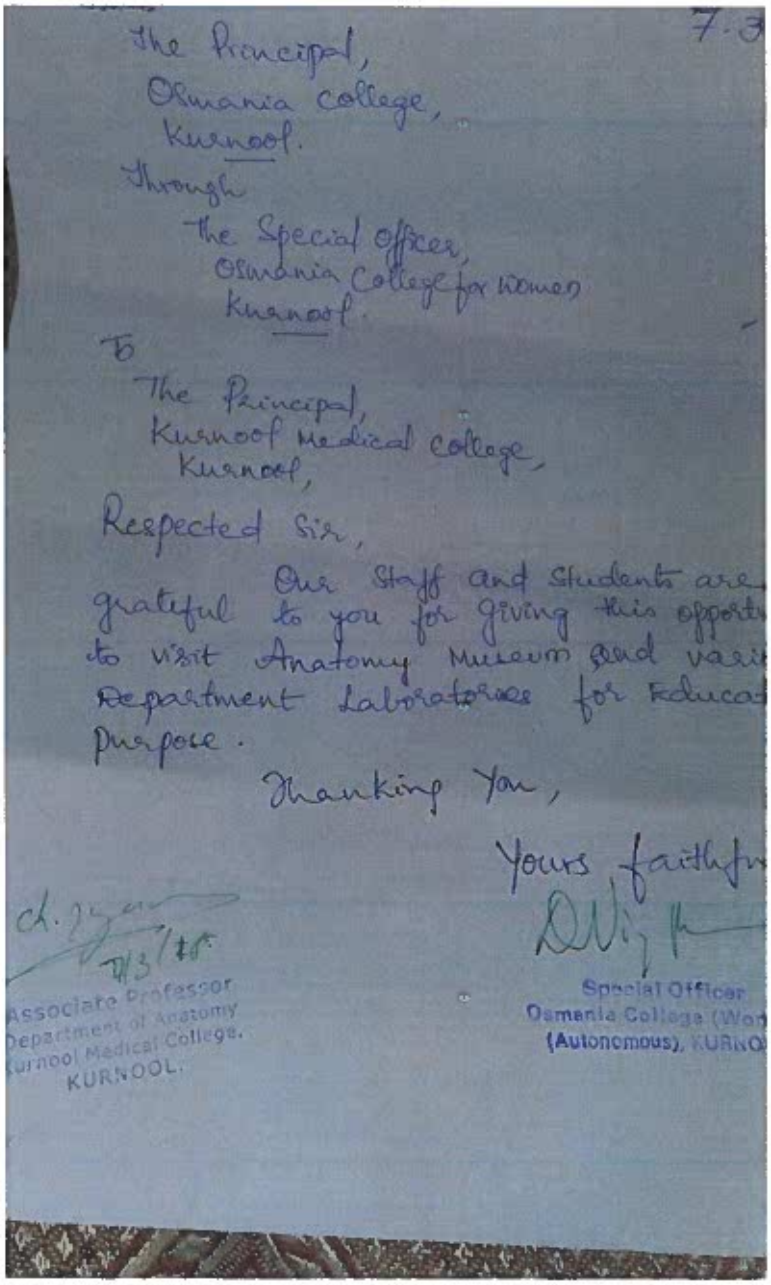
I request you kindly accord permission to visit your esteemed institution. We shall grateful for this act of kindness.

Thanking you,

Yours faithfully

PRINCIPAL
Osmania College (WOMEN)
(Autonomous), KURNOOL.

11/9, Osmania College Road, Peta, KURNOOL - 518 001
Phone No 08518-240005, 244675 Fax No 08518-240005
email id principal_ock@rediffmail.com Website www.osmaniacollegekurnool.com



7.3

The Principal,
Osmania college,
Kurnool.

Through
The Special officer,
Osmania College for Women
Kurnool.

To
The Principal,
Kurnool Medical college,
Kurnool,

Respected Sir,

Our Staff and Students are grateful to you for giving this opportu to visit Anatomy Museum and visit Department Laboratories for Educa purpose.

Thanking You,

Yours faithfu

7/3/18
Associate Professor
Department of Anatomy
Kurnool Medical College.
KURNOOL.

Special Officer
Osmania College (Wom
(Autonomous), KURNO

కర్నూలు వైద్య కళాశా
కర్నూలు
L COLLEGE

National Aeronautics and Space Administration
HOT TICKET
Parker Solar Probe
A Mission to Touch the Sun
This participation certificate is presented to
Zeba Anjum
on
March 6, 2018
VIP PASS
http://parkersolarprobe.jhuapl.edu/

Mentor: Fellow Lakshmi Prasuna, KVR Government Degree College, Kurnool

'STEM' workshop conducted at kurnool , AndhraPradesh is highly informative and very much useful to the students.Ten students from science departments of our college have participated in the workshop.Out of ten students. six students have secured good ranks in the enterance exmintions conducted by the Universities and joined the PG courses in different Universities and institutions in India. Three of them are preparing themselves for securing jobs in public sector concerns. One of the students is persuring her Bachelors degree in Education.

The workshop encourages and broadens the horizons of the students in persuring higher education in Science, Technology, Engineering and Mathematics. both in India and abroad.

I am very much indebted to the organizers for giving me an opportunity to be part of the work shop. My sincere thanks to the organizers of the work shop on my behalf and on behalf of my students also.

The details of the students are given here under:

S.no.	Name of the student	Course joined	Institution/University
1	T.HARIKA	M.Sc.(Bio-Tec)	RU, Kurnool
2	K.PRASANTHI	M.Sc.(Chemistry)	RU,Kurnool
3	M.SRILATHA	M.Sc.(Physics)	SKU,Anantapur
4	K.PRAVEENA	M.Sc.(Physics)	SVU,Tirupathi
5	P.PRTHYUSHA	M.Sc.(Zoology)	SVU,Tirupathi
6	K.PRASANNA	M.Sc.(Botony)	RU,Kurnool
7	S.MUMTAZ BEGUM	B.Ed.	RU,Kurnool
8	S.AFREEN	Preparing for securing jobs in public sector concerns.	
9	N.MOUNIKA		
10	N.PRAVEENA		

C.Lakshmi Prasuna
Lecturer in Physics,
K.V.R. Govt. College (W),
KURNOOL.

ACTIVITY REPORT

Dr Shahla Yasmin, Mentor,
Professor & Head, Department of Zoology,
Patna Women's College, Patna, Bihar, India

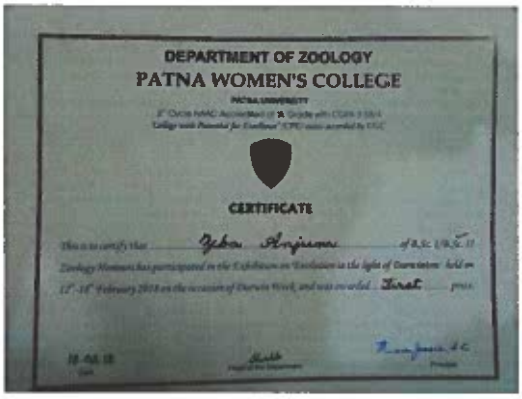
Twenty students from Patna Women's College participated in the Women in STEM Road show on 13th & 14th February at Gargi Grand Hotel, Patna. The resource persons were Dr. Sultana Nahar, Dr. Karen Irving and Dr. Anil Pradhan from Ohio State University, U.S. Thereafter, students were involved in various activities. They also faced university final examinations between March th May 2018.

ACTIVITIES IN DEPARTMENT OF ZOOLOGY

Department of Zoology organized model exhibition on the occasion of Darwin Week (12th-18th February 2018).

1. MODEL ON ALLOPATRIC SPECIATION.

Zeba Anjum of B.Sc II made the model on the topic allopatric speciation as she was interested in depicting how one species of squirrel changed into two different species due to blockage in gene flow among them. Originally only one squirrel species inhabited the Ponderosa pine forest around the rim of the Grand Canyon i.e, the Albert's squirrels. About 10,000 years ago when the last ice age ended, physical formations in the canyon changed in a way that blocked the squirrels access to the Colorado River, much less cross it. The canyon became a geographic barrier separating the forests and squirrels on each rim. One population of squirrels had become two separate populations that could no longer interbreed, the Kaibab squirrels. Albert's squirrels (*Sciurus alberti*) are a North American species, found across a range of locations. Kaibab squirrels (*Sciurus aberti kaibabensis*) are a subspecies of Albert's squirrels, found only in one area in the United States.
She along with her batch mates made this model with the help of various stones and mud. They kept two big stones apart from each other so that the space in between depicted the grand canyon. **They bagged the first prize in the model making.**


DEPARTMENT OF ZOOLOGY
PATNA WOMEN'S COLLEGE
CERTIFICATE

Model prepared by Zeba Anjum & group of B.Sc II

2. MODEL ON EVOLUTION OF GIRAFFE

Sidra Perween and Sana Subhani of B.Sc I wrote as follows:

We made the model on the topic Evolution of giraffe's neck with the help of Darwin's survival of the fittest and natural selection theory. He believed that some of the giraffe initially had longer neck due to genetic mutation. The one having longer neck enabled them to eat foliage which is beyond the reach of shorter browsers since they were found in sub- Saharan area where the ground vegetation was scarce. So these individuals were able to eat more and more and became stronger and could possibly breed better. So were able to reproduce and this genetic code was passed on to the next generations. And those that couldn't get enough to eat weren't strong enough to mate and eventually died without having offsprings. So gradually giraffe's neck became longer over the generations and short neck was wiped out due to absence of food. So his idea was accepted against the Lamarck's use and disuse theory to prove giraffe's neck evolution. So we have enjoyed working on this and tried to use waste products to prepare the model.

Model prepared by Sidra and Sana & group of B.Sc I

3. ADAPTIVE RADIATION IN MARSUPIAL MAMMALS
Blessy of B.Sc I wrote as follows:

The Zoology Department of Patna Women's College never steps back when it comes to pay tribute to nature and the one who discloses the facts regarding the amazements of our Mother Earth.
I along with my team mates prepared a model depicting the adaptive radiation in marsupials.Adaptive radiation is an evolutionary pattern whereby a single ancestral form diversifies into several related forms.Darwin explained that metatherians in presence of less number of eutherians survived, flourished and evolved along different lines by divergent evolution. .Animals adapted to different feeding habits and habitat according to their needs.Tasmanian wolves were cave dwellers mostly preying small animals while the kangaroos lived in varied habitats.

The exhibition built the sense of team work within me and my co-partners. Tackling different ideas and the execution were challenging but overall enthusiastic.

4. **MODEL ON EVOLUTION OF HORSE**.

Sabrah Rahman of B.Sc I wrote as follows:

I made this model on the topic adaptive radiation. As I was interested in depicting the transforming of the small , dog sized , forest dwelling *Eohippus* into the modern horse due to segregation and selection from a gene pool already present in *Eohippus* rather than involving the production of new genes.

Actually, at each level from *Eohippus* to *Eqqus*, adaptive radiation had occured & numerous groups evolved, thrived & became extinct except *Eqqus. Miohippus*, was ancestral not only to *Merychippus*, but also to *Anchitherium* and *Hypohippus* (The three-toed browsing, forest horse and to three other lineages). Similarly, *Merychippus* was ancester to *Hipparion*, *Protohippus* and *Pliohippus* (First one-toed horse). Of them only *Pliohippus* gave rise to *Eqqus* and other became extinct. Even from *Pliohippus*, the forms radiated were not only *Eqqus* but also *Hippidion* and *Onohippidium* which underwent independent adaptive radiation.This suggest that the process of evolution is chiefly based on adaptive modifications and changes occurring in all direction. **Sabrah Rahman** along with my classmates made this model with the help of thermocol.

Model prepared by Blessy & group of B.Sc I

Model prepared by Sabrah & group of B.Sc I

5. MODEL ON INDUSTRIAL MELANISM

Smriti Mishra and **Amita of B.Sc II** prepared a model on Industrial melanism is an example of Natural Selection. She wrote as follows:

Industrial Revolution in Britain burnt vast amount of coal producing SO_2 that reduced the lichens cover, while soot blackened the bark of urban trees. Due to this light peppered moth species which live on the lichen covering were camouflaged, and after pollution they were spotted by predators and eaten. We used handmade papers for making factories, grasses, trees & barks, cotton for showing the smoke, and socks cloth for making the peppered moths (white for light & brown for dark moths), mud for its body and artificial birds. We were awarded for our hard work as well.

Model prepared by Smriti Mishra and Amita & group of B.Sc II

SEMINAR ON STEM

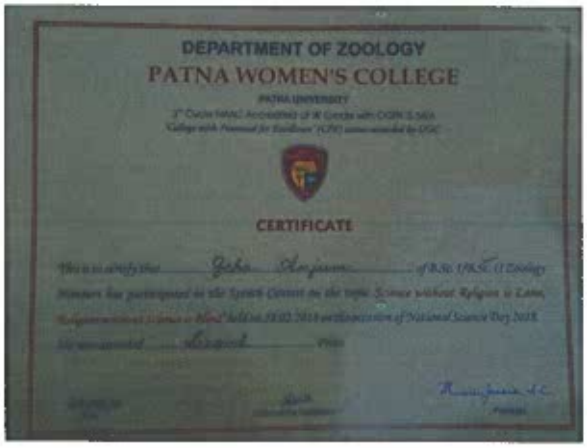
The participants of STEM Workshop (Zoology Honours students) gave tips to **other students of Chemistry, Botany, Mathematics**, as to how they can prepare themselves to apply in US universities. They learnt these tips in two days workshop on Women in STEM roadshow on 12th and 13th February 2018 in Patna. The resource persons were Dr Sultana Nahar, Dr Karen Irving and Dr Anil Pradhan of Ohio State University. These students were greatly motivated and shared their experience with their friends at Patna Women's College on 22.02.2018. they explained how to prepare resume and how to apply for different courses in US.

Seminar on STEM

March for science organized by Patna Women's College on 28.02.2018. **Science students including the STEM participants participated in the event.**

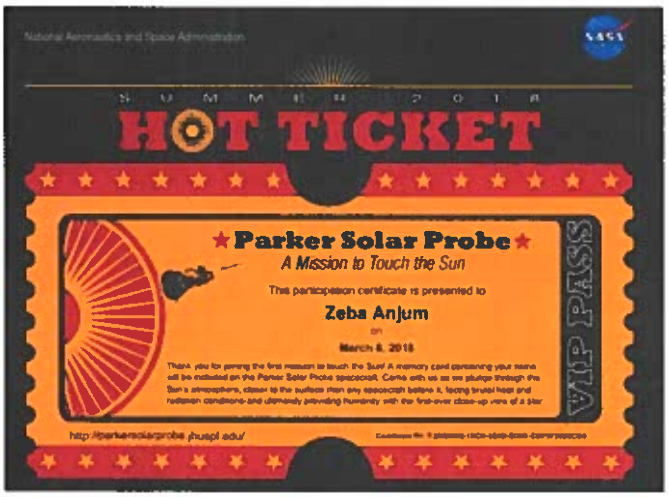
March for Science

Speech contest on the topic '**Science without Religion is lame, Religion without Science is blind'** was organized by Department of Zoology on 28.02.2018. Twelve students participated. **Zeba Anjum of B.Sc II** got second prize.



Zeba Anjum of B.Sc II participating in the speech contest

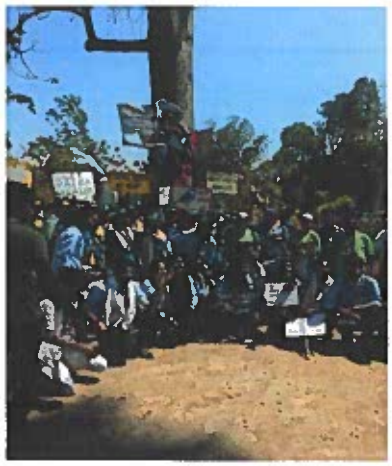
Zeba Anjum of B.Sc II participated in NASA'S parker solar probe mission which included online registration. The chip containing th **Zeba Anjum of B.Sc II** e name of the registered candidate was to be sent to the sun as it was stated **"Mission to touch the Sun".**



Sidra Perween of B.Sc I, participated in the workshop conducted by **Collaborative Undergraduate Biology Education (CUBE) of Homi Bhabha Centre for Science Education (HBCSE), Tata Institute of Fundamental Research (TIFR), Mumbai** from **1st-10th April 2018**. She learnt how to trap and culture *Drosophila*, which can be used as an excellent model organism for basic research.
She wrote as follows:
Each one has been provided with model organism and I got Drosophila to work on. Our group has cultured the native fruitflies keeping in mind the objective to compare olfaction between CsBz flies (which is lab bred *Drosophila melanogaster* for several years) and native fruit flies. During the experiment, we have collected trapped native fruit flies and isolated the female gravid flies for single line culture, culturing in the cornmeal media after identifying the *D. melanogaster* species. And then extracting the second instar larvae of both variety and comparing its olfaction first using paraffin oil and then iso- amyl acetate (IAA) at different concentrations. It was an excellent opportunity for me to learn not only to perform research work but also the basics about the habit, behaviour and structure of *Drosophila*.

Sidra Perween of B.Sc I, at CUBE workshop, Mumbai.

Save trees and save sparrow campaign was collaboratively organized by ECO Task Force, Tarumitra, St Xaviers, St Michaels, Mount Carmel on the eve of World Sparrow Day that falls on **20/03/2018**. Sparrow is Bihar's state bird. Attention is needed to save this little cute bird. Zoology Honours students including the STEM participants participated in the event.



ECO Task Force members participated in the activity at Tarumitra Ashram along with school children on the occasion of Earth Day 2018 and deliberated on environmental issues. **Zeba Anjum of B. Sc II** gave a speech on how to limit the usage of plastics and to lower the wastage of water.

Zeba Anjum of B. Sc II speaking on the occasion of EARTH DAY

Sidra Parween and Sana Subhani of B. Sc I participated in the cleanliness drive on Krishna Ghat, Patna organized by Bihar State Pollution Control Board on **24/05/2018**

Cleanliness drive on Krishna Ghat

ECO Task Force organized speech contest on the occasion of World Population Day 2018. Topic was **'Family Planning is Human Right'**

Smriti Mishra of B. Sc III speaking

ECO Task Force organized poster contest on the occasion of World Population Day 2018. **Zeba Anjum of B.Sc III got third prize**.

Poster contest on **'Family Planning is Human Right'**

On **12.07.2018, the STEM participants** again organized a Seminar for freshers (new B.Sc I students) and explained how they can apply to Universities in US.

Seminar on STEM for Freshers

Research Activities of Students

Zeba Anjum of B.Sc III is currently motivating her fellow classmates to perform basic scientific research (BSR) at UG level. She has drafted the proposal and will soon start the research work. The topic is **"To observe the effects of natural and artificial sweeteners on the selected ant species ' *Camponotous* "**

Sidra Parween of B.Sc II is also working on the project which has the objective to **Vermicomposting using kitchen waste products** and to measure the content of nutrients in the manure produced and compare it with the nutrients of soil. She wrote as follows:
My teacher has introduced me to this project where we have planned to prepare the packets of manure and sell it at the lowest possible price. The compost is ready and our group will continue the work soon.

Sidra Parween of B.Sc II preparing vermicompost from kitchen waste.

Shafia Ambreen of B.Sc III and group are working on **'Isolation of microbes from mobile phones and writing pens'**

ACTIVITIES OF STUDENTS OF INDUSTRIAL MICROBIOLOGY

Name- Shaeel Ashraf
Class- IMB 3rd year
Roll no.-14

POSTER ON 'THE PROTON THERAPY'

She wrote as follows:

I made a poster on Proton Therapy which has proved itself to be a revolutionary Cancer treatment. I chose this certain topic because I wanted to increase awareness regarding a treatment so effective. Which then was not brought in India, however it has now been introduced in Apolo Hospital,Chennai.

Proton therapy piqued my interest since it promised much lesser death rates as compared to other conventional radiotherapy. Conventional radiotherapy employs high energy X-Rays for the treatment of cancer and certain benign tumors. In doing so, it also damages the surrounding healthy tissue by delivery of radiation to the healthy tissue around the tumor. In contrast, proton beam delivers a high dosage of radiation only to the tumor maximizing the chances of cure and in turn minimizing the adverse effects to the surrounding healthy tissues.

Proton therapy is used to treat many cancers and is mainly appropriate in situations where treatment options are restricted or conventional radiotherapy poses a peril to the patient. And on top of all the advantages theres one more great advantage of it is that there are minimal to no side effects.

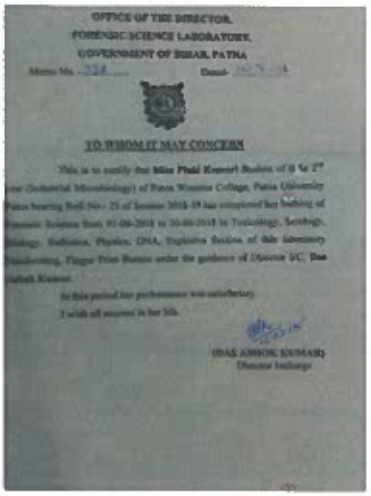
So I decided to make people aware of this revolutionary cancer treatment therapy through the medium of this poster, where I highlighted its golden features and presented a good account of the Proton Therapy to all the teachers and students who attended the poster making competition.

Pinki Kumari of IMB 3rd year wrote as follows:

I have undergo one month Hands-on training in Rajendra Memorial Research Institute of Medical Science(RMRIMS), Patna, Bihar on the topic **"Isolation of *Leishmania* Parasite in culture medium".**
We have isolated the *Leishmania donovani* from the patient causing kala azar or post kala azar dermal leishmaniasis and cultured in a RPMI media.

Ihave also undergo Hands-on training in **Forensic Science Laboratory**(FSL), Patna, Bihar. from 01/06/18 to 30/06/18 in the department of toxicology, serology, biology, ballistics, physics, DNA, explosive, handwriting, finger print.

I have also undergo internship in Bihar State Pollution Control Board, Patna, Bihar on **"Environmental Pollution Monitoring"** from 09/05/18 to 30/05/18.



Ayesha haque of IMB 3rd year wrote as follows:

I have participated in **Inter University Science poster competition on "Satyendra Nath Bose and his contributions".**

This competition was all about S N Bose discoveries and inventions and what he contributed in the field of science. He was an Indian physicist specializing in theoretical physics. He is best known for his work on quantum mechanics in the early 1920s, providing the foundation for Bose–Einstein statistics and the theory of the Bose–Einstein condensate. A Fellow of the Royal Society, he was awarded India's second highest civilian award, the Padma Vibhushan 1954 by the Government of India. I with my class mate depicted his contributions in quantum physics and its applications in the field of science.

This competition was organized by Department of Physics of Patna Women's College.

Student activity report

By

Zubeire Nuzhat Jahan Hyder, Ayub Urdu girls high school, Patna

Mentor, WSR , Patna.

Abstract

In this project we are trying to grow Marigold plant by using **vermiwash without using soil i.e soil less farming.** We have decided to grow Marigold plant because in India Marigold plant have very special importance.

Significance of Mary gold flower in Indian culture:

On any auspicious occasion and celebration like welcoming any person, at marriage ceremony, festival celebration, pooja of deity or any function. In India this flower is called as "genda" which symbolizes auspiciousness. The saffron/Orange color offered to god as symbol of surrender. Marigold is called as herb of sun which symbolizes passion and creativity. It also have market value. It is mainly used for healing wound and to prevent wound from becoming infected with toxic Bactria.

What is vermiwash ?:

Vermiwash is one of the effective liquid fertilizer, pesticide, and foliar spray which is collected after the passage of water is treated through column of worm (earth worm) action. Vermiwash is mainly a collection of excretory substance and mucus secretion of earthworm along with micronutrients from the soil organic molecules.

Basic principal behind vermi wash:

Soil treated by worms have burrows. Bacteria richly inhibit these burrows. Water passing through these passage washes the nutrients from these burrows to the roots to be absorbed by the plants. Actually vermiwash pass through the layer of soil, sand, pieces of brick, pebbles, dry leaves, cow dung . It contains all the nutrient values of soil .So this is the best method to replace soil is with vermiwash.

Requirements for preparing vermiwash:

A plastic bucket (capacity 5 lt.), tap, a plastic bowl, bricks, sand, some pebbles, soil, dry leaves, cow dung, earthworm, hammer for breaking bricks. Plastic bottle for dripping water in vermiwash.

Precaution Taken :

Cow dung should be taken six to seven days old so that methane gas get inactivated and for earthworm it is easy to surview.Otherwise it is observed that earthworm starts to escape out of bucket because earthworm is not getting suitable environment.

Dried leaf is broken into very small pieces so that it should easily be mixed with other substances.

Method used for preparing vermiwash:

1. Take a plastic bucket of capacity 5 lt.

2. Fit a tap at the lower portion of bucket so that it is easy to collect vermi wash.

3. Break the bricks into little pieces. And put it in a bucket of layer 2 cm. to 4 cm.

4. Put a layer of sand about 2 to 4 cm.

5. Put a layer of soil of same thickness.

6. In the same way put a layer of dried leaves.

7. Put a layer of cow dung. Cow dung should not be fresh and it should be at least 6 days old so that methane gas from it gets inactive. Otherwise earthworm will not get a suitable environment.

8. Put earthworm in it and again cover it with dried leaves.

9. Repeat step 1 to 8 till repeatedly till the bucket gets full.

10. Place a bowl with small hole in it at the top of the bucket so that water get dripped into it.

11. After six weeks a liquid of pale yellow colour can easily be extract from the tap. Vermiwash is now ready to use.

12. 20 drops of vermiwash is sufficient for one lt. of water to grow to three plants.

Observation by different group of student:

1. **Observation found by Zoya and group On Mariegold i.e genda plant :-**

Tradiational Farming by using soil	**My result By using Vermiwash i.e soilless farming**	**Result +ve or -ve**
Size of flower is small	Size of flower is large	+ ve result found
Colour is not so bright	Colour found bright	+ve result found
Most of the flowers eaten by insect	There is no any type of damage found in the flower	+ve result found
Fraganance found	Fraganance became less , down	-ve result found.

Observation by Sana and group on dryseena plant.:

Positive result found. Roots grows very fast. Grotth of roots is very drastic rapied as compare to tradiational soil farming.

Observation by farheen and group: Root grows very fast and old .It is found thatin tradiational typewhen new leaf grow old leaf starts falling down rapaidly but in my expt it is found that old leaf dose not fall so rapaidly.

Refer vedio

Motivation found in students

1. Students found very eager to understand and try new experiments on this new soil less plantation.

2. At their own home, they tried to grow different types of plants by using vermiwash.

3. Team management and leadership quality was found developing in students.

4. Students were found very able to prepare vermi wash independently and tried to experiment this liquid as floral spray too and even got a good result.

5. Students are raising questions related to this topic and they are even able to resolve the answers by discussing among themselves.

6. They want to know what is next after this fantastic result.

7. Few of students are now trying to grow all types of plants which is required in STD XII Botany syllabus.

8. Now they use their idle time in laboratory experimenting on

leaves bearing plants, floral plant and so on.

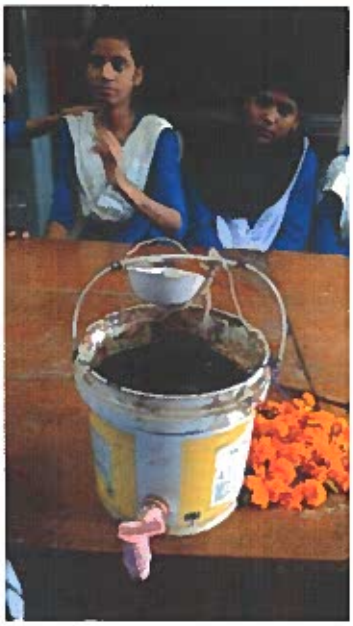
9. Now all types of plant as per syllabus is available in school garden.

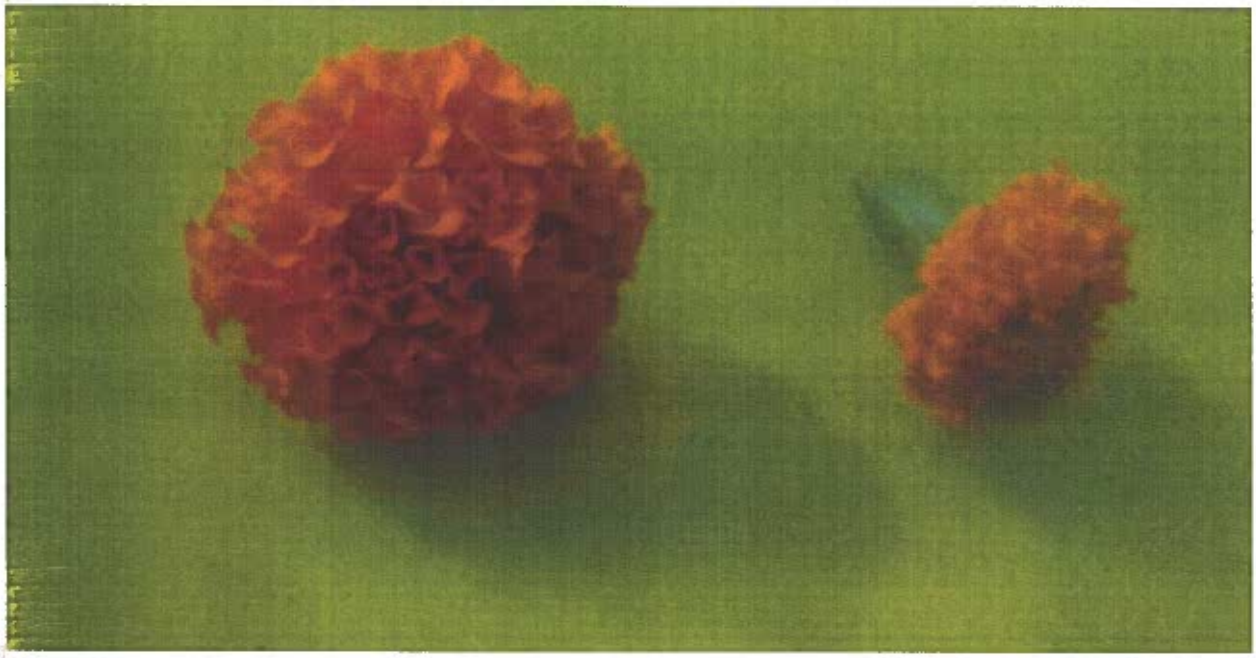
10. In our school students belongs to poor background and now a group of students are making plans to grow their own nursery and sell the plants and flowers in the market to help their family by earning some money. Students are now very much happy.

Group Leader:

Sana Fatma :	Marigold Plant (Orange colour)
Farheen Jahan:	Dryseena Plant
Saniya Shahid:	Ornamental plant cultivated in gardern for showing purpose. Mehendi Plant
Zoya Yasmeen:	Marigold (Yellow color)
Shaheen Rafique:	Contentious observation over the color of vermiwash liquid and vermiwash development.

In each group there are six to eight students were engaged.





Impact report from local Expert:, Aligarh - Prof. Far;ukh Arjmand, S.N. Nahar 7/14.2018

I am regularly interacting with the participants of WSR held at Aligarh on 9th Feb 2018. Interestingly, most of the students have taken admission in M.Sc. post graduate program in A.M.U. in STEM disciplines and are aspiring to clear GRE/TOEFELE/IELTS examinations to pursue higher studies in U.S.A. We witnessed a phenomenal change in other junior students of STEM subjects in both genders at university and Women's college. A large number of students are awaiting more programs from our STEM-ER Center and are regularly inquiring about our activities particularly any conference of STEM for both genders. This interest has been instilled by the popularity of WSR in our campus. The interest of the students in STEM could be inferred by their approach to act as volunteers in upcoming STEM programs.

I would further not hesitate to make this statement that WSR program was successful in motivating budding female scientists in India.

March 12, 2018: Supervised by Director Dr. Sultana N. Nahar and with help of students we celebrated Internaitonal Women's Day at the Indo-US STEM Education and Research Center of OSU-AMU

_All participants of the Aligarh WSR come together for the event. WSR participants were asked to express their future dream. Each student talked about dream of getting higher education in a STEM field, becoming someone to contribute to knowledge in STEM and contribute to the society. positions in STEM areas

- Chief Guest Prof. Qudsia Tahseen who is one of a few women in India who received the national awards by becoming the member of the three levels of National Academy of Science stated how she remained focused with family responsibilities.Guest of Honor Dr. Hameeda Tariq, First lady of AMU, spoke how she managed to be a full time physician and Prof. Sultana Nahar about importance of science and how to achieve goals. Both Prof. Tauheed Ahmad and I spoke about inspiring examples. Number of women were recognized for their scientific contributions and as emerging scientists. Refreshments were served. Pictures of the banner at the center,, audience, and one student recognition are presented below.

1. Name: JAWERIYA ANWAR

Qualification:BSc(Hons.) in Chemistry

Course result:

1)1st Semester: CGPA 8.58
2)2nd Semester: CGPA 8.08
3)3rd Semester: CGPA 7.84
4)4rthSemester:CGPA 7.89
5)5th Semester: CGPA 7.81
6)6th Semester: Result awaited

Awards:

1)Awarded as STATE LEVEL CHILD SCIENTIST in 2011 by National Child Science Congress.

2)Recieved MOST DISCIPLINED GIRL AWARD in 2014 by Al Barkaat Public School,Aligarh.

Impact of the project:

This project has increased my interest in Science ,it motivated me to know more about Universe.It also has given me enthusiasm to give time for reading to solve the mysteries of universe.
I want to do Post Graduation and then PhD in CHEMISTRY ,so that I would be able to grasp more and more knowledge in Science.
I am very much interested in making my career in STEM field.

Aligarh Muslim University, Aligarh

CERTIFICATE OF GRADE

B.Sc. (Hons.) VI Semester EXAMINATION, [illegible] TAH

(CORE SUBJECT:CHEMISTRY)

Enrollment Not Given

Faculty No : 15CHB420
Exam Roll No. : 61470
Name : AISHWARAZ
Elective Subjects : ZOOLOGY & BOTANY

CODE	TITLE OF PAPER	CREDITS	GRADES	CREDIT POINTS
CHB651	Physical/Organic Chemistry	2	A	16
CHB652	Inorganic/Analytical Chemistry	2	A+	18
CHB661	Physical Chemistry-DC	2	A+	18
CHB662	Organic Chemistry-DC	2	A	16
CHB663	Inorganic Chemistry-DC	4	A+	36
CHB673	Inorganic Chemistry-AE	4	B+	28
CHB674	Analytical Chemistry-AE	2	O	20
CHB6P1	Lab-Physical Chemistry-DC	2	O	20
CHB6P2	Lab-Organic Chemistry-DC	2	O	20
CHB6P3	Lab-Inorganic Chemistry-DC			
	Total :	24/24	SGPA:8.583	206

SEMESTER	EARNED CR/MAX CR	CREDIT POINTS	SGPA
I	24/24	166	6.917
II	24/24	178	7.417
III	24/24	194	8.083
IV	18/18	140	7.778
V	26/26	218	8.385
VI	24/24	206	8.583
Total	140/140	1102	CGPA:7.871

Result : Graduated
DIVISION : FIRST

Processed by

Checked by

Assistant Controller
(Examinations)
Date : 08 JUL 2018

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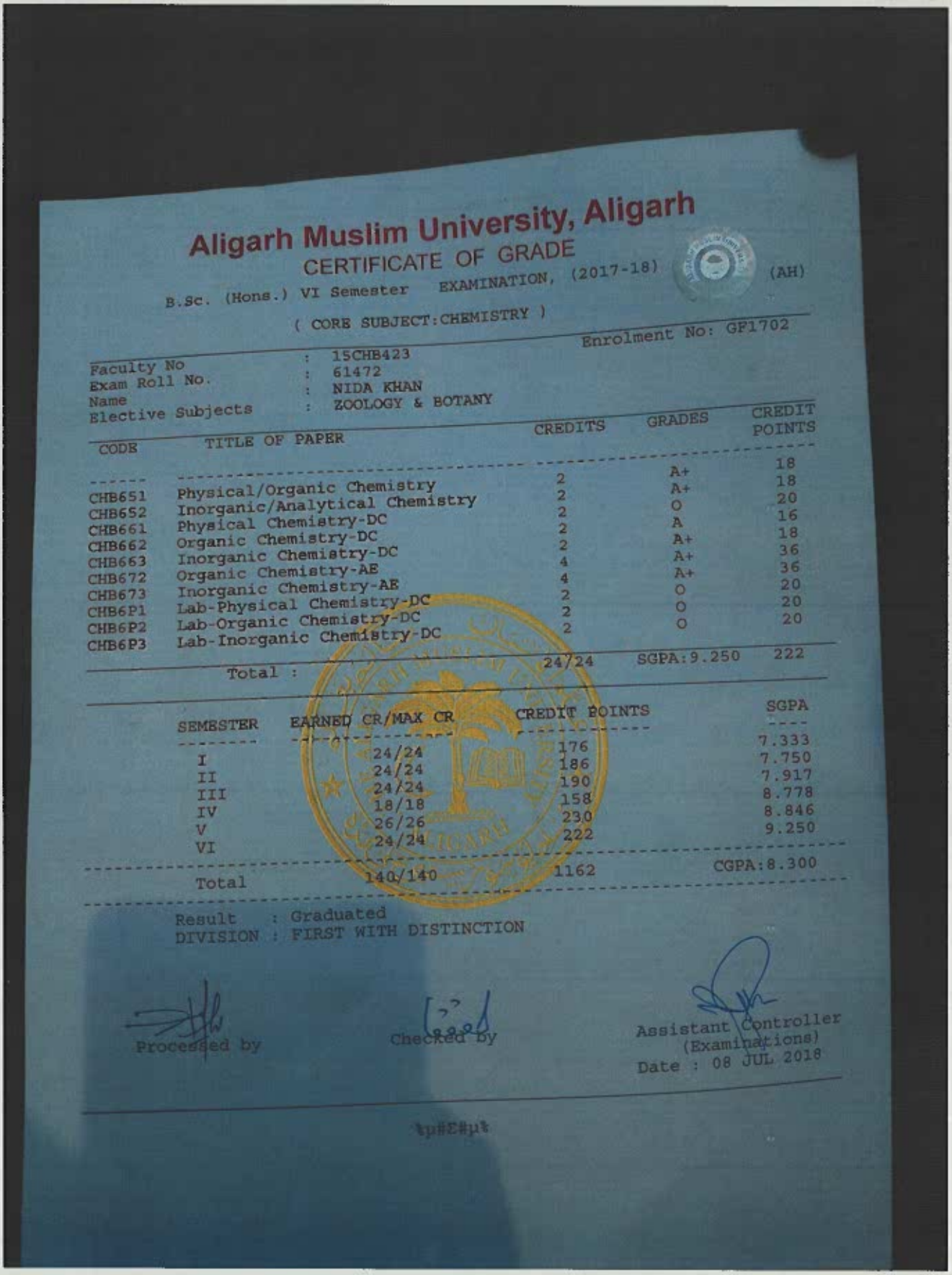
Rules Printed Overleaf

4. Rifa Khan



Aligarh Muslim University, Aligarh

CERTIFICATE OF GRADE

B.Sc. (Hons.) VI Semester EXAMINATION, (2017-18) (AH)

(CORE SUBJECT:CHEMISTRY)

Enrolment No: GF1702

Faculty No : 15CHB423
Exam Roll No. : 61472
Name : NIDA KHAN
Elective Subjects : ZOOLOGY & BOTANY

CODE	TITLE OF PAPER	CREDITS	GRADES	CREDIT POINTS
CHB651	Physical/Organic Chemistry	2	A+	18
CHB652	Inorganic/Analytical Chemistry	2	A+	18
CHB661	Physical Chemistry-DC	2	O	20
CHB662	Organic Chemistry-DC	2	A	16
CHB663	Inorganic Chemistry-DC	2	A+	18
CHB672	Organic Chemistry-AE	4	A+	36
CHB673	Inorganic Chemistry-AE	4	A+	36
CHB6P1	Lab-Physical Chemistry-DC	2	O	20
CHB6P2	Lab-Organic Chemistry-DC	2	O	20
CHB6P3	Lab-Inorganic Chemistry-DC	2	O	20
	Total :	24/24	SGPA:9.250	222

SEMESTER	EARNED CR/MAX CR	CREDIT POINTS	SGPA
I	24/24	176	7.333
II	24/24	186	7.750
III	24/24	190	7.917
IV	18/18	158	8.778
V	26/26	230	8.846
VI	24/24	222	9.250
Total	140/140	1162	CGPA:8.300

Result : Graduated
DIVISION : FIRST WITH DISTINCTION

Processed by

Checked by

Assistant Controller (Examinations)
Date : 08 JUL 2018

WSR has proved to be a great motivation for me. The workshop and the lectures have helped me to a great degree and I hope that the enthusiasm that attending it, instilled in me, remains forever.

Here is a brief progress report:

- I have graduated with a CPI of 9.98 in Computer Engineering.
- I am now a SSGSA scholar that aims to provide mentorship and financial help to students who want to pursue their higher education from abroad.
- I appeared for TOEFL and secured a score of 108/120.
- I secured a GATE score of 544 on a scale of 1000.
- I applied for MS in Informatics at TUM, Germany and got selected.

As part of my future plans I would be joining MS in Germany (TUM). My session starts from October, 2018. So I will be leaving for Germany in end September.

5. Summya Khan:'s academic performance:

6. Nargis Bano:

Asslamualekum

My name is Nargis bano. I have done my B.Sc (H) and opted zoology as my main subject. Result has not come yet but the list that shows whether you are pass or fail has come and I am graduated now. WSR influenced me a lot as many of us have a dream to go abroad for higher education and I am also one of them but I don't know the path that has to be taken to go abroad but after attending the WSR I got to know many things like financial support, how to choose a college, scholarships, exams and many more. Their stories have leaved great impact on me especially of Nahar mam.

I am a nature lover and always try to find out how systems work, interactions between biotic and abiotic things and especially how body systems work ,react to a thing its physiology, anatomy ,and anything related to it.

Before attending WSR there was a moment when I decided to leave my profession as I was so much disturbed and don't know what to do next and that time I was searching for MBA, LLB and other which I really don't like but I have to for my better future . But after attending WSR I realized that none of the courses other than STEM are better for future and now I have taken zoology as my profession and I am much focused on it . In the coming future I want to do research on cancer and stem cells.

The most important thing is abroad education as I can't not afford it financially; there I got to know how to apply for scholarships and from where we can get them.

THANK YOU WSR MENTORS AND TEAM MEMBERS.

7.Ra
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Aligarh Muslim University, Aligarh

CERTIFICATE OF GRADE

B.Sc. (Hons.) VI Semester EXAMINATION, (2017-18)

(CORE SUBJECT: CHEMISTRY)

(Ali)

Faculty No : 15CHB445 Enrolment No: GH3166
Exam Roll No. : 61485
Name : SUMAYYA KHAN
Elective Subjects : ZOOLOGY & BOTANY

CODE	TITLE OF PAPER	CREDITS	GRADES	CREDIT POINTS
CHB651	Physical/Organic Chemistry	2	B+	14
CHB652	Inorganic/Analytical Chemistry	2	A	16
CHB661	Physical Chemistry-DC	2	A	16
CHB662	Organic Chemistry-DC	2	A	16
CHB663	Inorganic Chemistry-DC	2	A+	18
CHB672	Organic Chemistry-AE	4	A	32
CHB673	Inorganic Chemistry-AE	4	A	32
CHB6P1	Lab-Physical Chemistry-DC	2	O	20
CHB6P2	Lab-Organic Chemistry-DC	2	O	20
CHB6P3	Lab-Inorganic Chemistry-DC	2	O	20
	Total :	24/24	SGPA:8.500	204

SEMESTER	EARNED CR/MAX CR	CREDIT POINTS	SGPA
I	24/24	178	7.417
II	24/24	176	7.333
III	24/24	180	7.500
IV	18/18	138	7.667
V	26/26	222	8.538
VI	24/24	204	8.500
Total	140/140	1098	CGPA:7.843

Result : Graduated
DIVISION : FIRST

Processed by Checked by Assistant Controller (Examinations)
Date : 08 JUL 2018

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Salman PROGRESS REPORT

Date:12/07/2018

To: The local expert WSR workshop

From:

Purpose

To discuss the impact of WSR workshop conducted in AMU by the APJ Abul Kalam STEM ER centre of OSU-AMU and the impact of choosing STEM field on me.

Progress

Going down the memory lane it's already been 6 months since I participated in the WSR workshop.I was an undergraduate pursuing chemistry hons.back then.Science had always been my area of interest from childhood.I managed to have several **proficiency awards** at the primary level and luckily they were all in **STEM** fields.At the intermediate level I was awarded with **Begum Tara Rasheed Award** for securing **highest** marks in science faculty.During my undergraduate course i.e.Chemistry hons.,I had been a sincere student with keen interest in Physical and Analytical Chemistry.I secured **9.3 cgpa** in the Vth sem which included spectroscopy as a major part of all subjects.By the grace of God ,few days ago my final result declared me as a **chemistry graduate with first division and distinction.**

As a WSR participant ,I was deeply motivated and felt grateful.Being a part of this workshop I happened to meet some really great personalities as **Dr.Sultana Nahar,Prof.Karen Irwing,Dr.Anil Pradhan,Dr.Nasreen Haque,Dr.Farrukh Arjamand** .In an era when women are increasingly prominent in medicine,law and business why are there so few women scientists and engineers?This workshop explained me the causes that lead to such situation and encouraged me to pursue career in STEM field with a better and much clearer vision .

I cleared **MSc.Biotechnology entrance** and got admitted in JMI,New Delhi which is a central university too.

Plan for the next two years

I am planning to prepare for Junior Reserch Fellowship Exam and GRE besides this.I am still not very sure about other exams I am eligible for but I am constantly researching on the same.

8. Mahwash Aftab: PROGRESS REPORT ON STEM ROADSHOW

MAHWASH AFTAB

BSc H (Mathematics)

Aligarh Muslim University

This report is about the workshop 'Women in STEM Roadshow' held on 23rd and 24th february 2018 at Aligarh Muslim University.The International experts present in the workshop were:

Dr.Sultana N. Nahar

Dr. Karen Irving

Dr. Nasreen Haque

Dr. Anil Pradhan

And our mentors were:

Dr.Farukh Arjmand

Dr.Esmat Laiq

The workshop proved to be beneficial for all the participants and was highly successful in achieving its objective of encouraging young women to pursue opportunities in the fields of science, technology,engineering and mathematics (STEM).

IMPACT OF THE WORKSHOP-

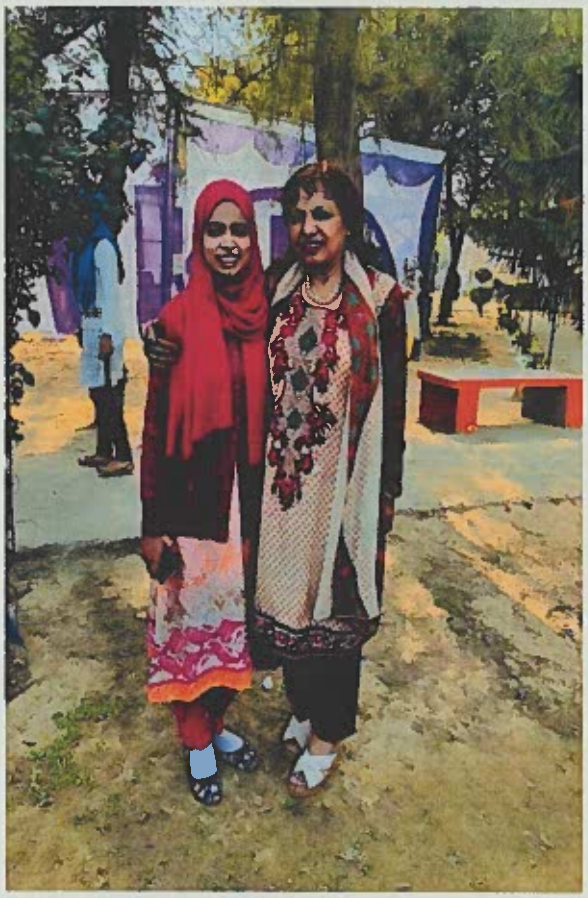
Earlier I haven't really thought much about applying in a foreign country because of lack of much information and guidance but after attending the workshop I realised there are great academic and career prospects for us abroad.Our international experts and mentors really helped us a lot.They told us about the right procedure of how we should apply for studying in USA and motivate us to continue our career in STEM subjects.I have been working on these lines and sorting out various options.

COURSE RESULT-

I have completed my graduation in BSc(H)Mathematics with 8.2 cgpa First division with distinction.

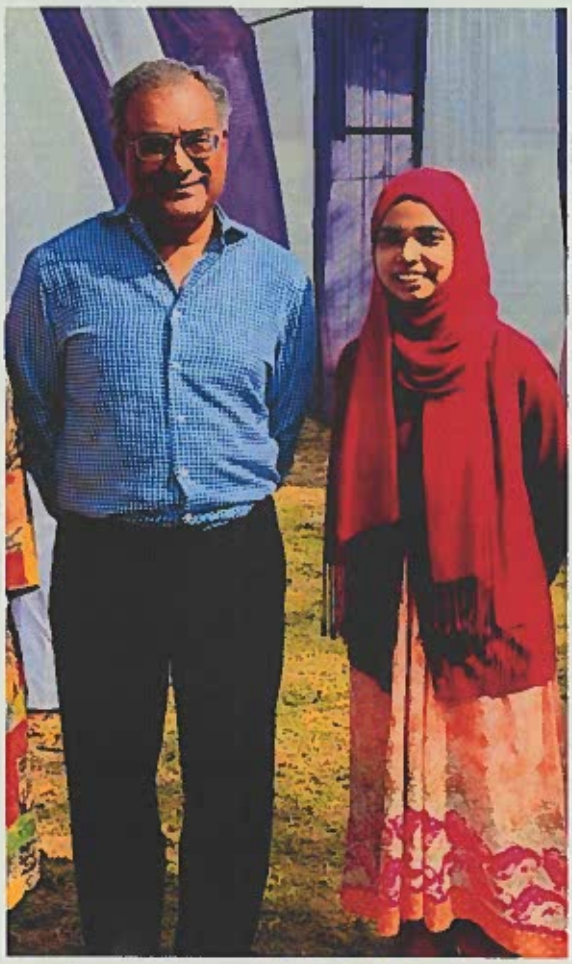
FUTURE AIM-

Aim of my life is to continue my studies in maths and to become a maths professor and to research in USA. I also want to motivate other girls to take up STEM subjects especially maths because these are the areas which represent an important source of professional employment opportunities in India.This



Dr Farukh Arjmand

Dr Sultana N Nahar



Dr. Anil Pradhan

Dr Esmat Laiq

Dr. Karen Irving

Our Team

Impact Report by Dr. Noore Zahra ,Local Expert,Delhi,WSR

The goals of the WSR workshop were to enhance learning of women student in STEM fields and improving their attitudes about the STEM field and in the attractiveness of STEM careers. Students learn about the science disciplines, technology, engineering, and mathematics during the workshop .It has helped to enhance their intellectual development, awareness toward opportunities for future study and work, and choices of subjects and career.

I have been in touch with mentors and participants of workshop and have been observing good impact of workshop. It has tied us in a network where the guidance to participants and sharing of knowledge base become portal and easy.

Activities and Participation

February 12 2018.

I have participated with few interested participants in #bigdreammovement #STEM American Film Showcase Big Dream.

American filmmaker Kelly Cox led a roundtable on female empowerment in male-dominated industries at the #AmCenterND on February 13.

March12, 2018

On the occasion of International Women's Month and to support Women and Girls in Science, a hand on session was organized by Kashish Shakeel along with the education advisor from United States-India Educational Foundation (USIEF) on 12 March 2018 at the department of Computer Science and Engineering. The session covered about writing a Statement of Purpose and Resume.

Stewart Davis, North India Program Director of United States-India Educational Foundation (USIEF) also addressed the gathering.

Academic performances of participants

Farhana Fayaz: She is persuing Ph.D from NIT Kurukshetra . She is doing research in Electrical Engineering .

Award: Chancellor award for securing Ist position in University

Nida Ahmad

Nida is persuing BCA. She has scored 93.5% marks in last semester. She has done workshops on Java and Python.

Simran Malik:

Simran is doing B.Tech in Food Technology. She has attended and volunteered 8th International conference on vitamin D. Conference was organized by Dr. Afrozal Haque at Jamia Hamdard.She has also attended conference on Alzeihmer disease and vitamin D, Recent advances on Pharmaceutical Industry ,food safety and packages.

Simran is hosting International conference on 15-16th September2018 at Jamia Hamdard

Preeti

Preeti is persuing M.Sc. from GBU .Now she is in 2nd year .She has passed first year with 7.8 CGPA.

Aayat Nazki :

After programs of WSR it has noticed that high school student **Aayat** has chosen science in 10+2 .

Ms. Nazma Husain

She has completed M.Sc. with 87.8 % and has got IIIrd rank in University

Lavina Pahuja : She has completed M.Sc. in Mathematics and scored 8.6 CGPA . She is preparing for NET-JRF

Aayesha Qamar

Aayesha has taken admission in B.Sc..

Students who are in 10+2 have chosen science for further studies. They got motivated to pursue higher education and making career in STEM field.

Shireen Fatima:

Shireen has completed first year in B.Tech in Food Technology from Jamia Hamdard,Delhi. She has also participated and volunteeredin "International Conference on Vitamin –D and Food Fortification in India".

Kayenat Sheikh:

Kayenat is persuing B.Sc. in Biosciences . She is in final year. She has been active to be aware for the opportunities and options at post graduate level in India as well as in abroad.

Mehwish:

Mehwish has completed first year in B.Tech in Food Technology from Jamia Hamdard,Delhi.

Khooshboo is preparing for competitive exam for admission in medicine .

Bushra Perween:

Bushra is persuing M.Sc. in Chemistry. She has passed 1st year with 8.2 CGPA .

Aayesha Sulemani :

Aayesha is also persuing M.Sc. in Chemistry. She has passed 1st year M.Sc. with 8.9 CGPA.

Zainab Shamim:

Zainab Shamim has completed M.Sc. in Mathematics with Computer Science from JMI with 8.6 CGPA. She is preparing for NET-JRF

Madeeha Zubair:

Madeeha Zubair has completed B.Sc. Honours in Physics from JMI with 8.2 CGPA. She is preparing for PG courses.

Other participants are also pursuing their studies.

IMPACT OF WOMEN IN STEM ROADSHOW

WORKSHOP #6 and #7
HYDERABAD
February 16-17 and February18-19, 2018
Local Expert: M. Nida Mir and Dr. Nasreen Haque

The success of the Women in STEM Roadshow is evident by the success stories of the participants. I am enclosing only a few of them, the college participants continue to provide updates about their academic and career goals. They also exchange ideas and strategies to excel, we have WhatsApp groups, forums to help us overcome barriers, and learn from each other. The girls continue to derive their strength and inspiration from eminent scientist Dr. Sultana Nahar and her words of wisdom.

1. **Samreen Sultana**

"After attending the STEM workshop I started working to achieve my goal (Ph.D.). As I am in the final year of my B.Sc. I am focusing to do well in my semester exams. As well as I am preparing for entrance exams to score a good rank and sevure a seat in M.Sc. (Biochemistry). My plan is to do Ph.D. in clinical biochemistry and do research in the field of disorders and its diagnosis.

I have attended the workshop in AV College of Science for gaining knowledge in practical field which will be helpful after my graduation.

I have also taken part in the nurture of my college and made the working model of dialysis. Inshallah I can achieve my goal.

I am also home tutoring students from class 1 to class 12 where I teach them science and mathematics. I motivate them to choose science and mathematics as their core subjects for higher education by telling them all the benefits and scope of STEM fields.

2. **Shahin Tarannum**
   I participated in the Women in STEM Roadshow workshop held in Minerva Grand hotel in Hyderabad. I am glad to inform that I completed my undergraduate in Biotechnology. Also, I was selected for M.Sc in Biotechnology. I am also planning to do some certificate courses.

3. **Maryem**
   I am pursuing B.Sc. in Mathematics from Shadan Degree College for Women. I have attended the seminar that was held in Maulana Azad National Urdu University (MANNU) on Alzheimers on September 20, 2018. I received a certificate. The certificate was signed by Professor Najmul Hasan, the chief guest for the Women in STEM Roadshow workshop.

Maulana Azad National Urdu University
One Day Seminar On Alzheimer's Disease
Organized by Department of Zoology

Certificate of Presentation / Participation

This is to certify Mr./Ms. Maryem has participated/Presented in one day Seminar on Alzheimer's Disease Awareness, on the eve of World Alzheimer's month, organized by Department of Zoology, School of Sciences, Maulana Azad National Urdu University, Gachibowli, Hyderabad on 20th September 2018.

Dr. Subhash Kaul
Head
Department of Neurology
Nizam's Institute of Medical Sciences, Hyderabad

Prof. Najmul Hasan
Dean
School of Sciences
MANUU

Prof. P. F. Rahaman
Co-Convener & Director, I/c
DDE
MANUU

Dr. Parveen Jahan
Convener & Head
Department of Zoology
MANUU
Hyderabad

4. Rahath Rafeeq

I am pursuing in my third year of B.Sc.(Biotechnology). To be honest you inspired me a lot. About my goals, I want to pursue Masters in hospital management and also want to do Masters in Biotechnology. But as my parents will not be able to support my further education so I am planning to do my MBA in hospital management first and then find a suitable job and then I can support myself for doing Masters in Biotechnolgy.

Regarding the activities - I attended a workshop on enzymology in AV college, Hyderabad. It was a good experience as we got a chance to meet people who have taken part in lot of research.

Also, I got selected by my college to give a seminar in MANNU University to spread awareness about Alzheimer's disease. It is more like an intercollege competition. **I received the 3rd position award in the competition.**

And I topped in my college with a GPA of 9.78, Alhamdulillah. We have been actively taking part in the experiments in our college. We recently performed plant tissue culture experiment and obtained good results.

I am honored to share few pictures from the event at Maulana Azad National Urdu University and A.V. College Post Graduate Centre.

Department of Biotechnology
A.V. College Post Graduate Centre
Gaganmahal, Hyderabad – 500 029

NAAC REACCREDITED A GRADE WITH CGPA 3.39

WORKSHOP
ON
INDUSTRIAL AND DIAGNOSTIC ENZYMES
28th-29th March, 2018

Certificate

This is to certify that Prof. / Dr. / Mr. / Ms. Nameera Taj of Shadan Degree College For Women has participated in the National Workshop on "Industrial and Diagnostic Enzymes" on 28th-29th March, 2018 organized by Department of Biotechnology, A.V. College P.G. Centre, Hyderabad.

Dr. K. Jayanthan, Convener
Head, Dept. of Biotechnology

Prof. B. Sashidhar Rao
Dept. of Biochemistry, Osmania University

Department of Biotechnology
A.V. College Post Graduate Centre
Gaganmahal, Hyderabad – 500 029

NAAC REACCREDITED A GRADE WITH CGPA 3.39

WORKSHOP
ON
INDUSTRIAL AND DIAGNOSTIC ENZYMES
28th-29th March, 2018

Certificate

This is to certify that Prof. / Dr. / Mr. / Ms. Rabath Rafeeq of Shadan Degree College For Women has participated in the National Workshop on "Industrial and Diagnostic Enzymes" on 28th-29th March, 2018 organized by Department of Biotechnology, A.V. College P.G. Centre, Hyderabad.

Prof. B. Sashidhar Rao
Dept. of Biochemistry, Osmania University

Maulana Azad National Urdu University

One Day Seminar On Alzheimer's Disease

Organized by Department of Zoology

Certificate of Presentation / Participation

This is to certify Mr./Ms. Rahath Rafeer has participated/Presented in one day Seminar on Alzheimer's Disease Awareness, on the eve of World Alzheimer's month, organized by Department of Zoology, School of Sciences, Maulana Azad National Urdu University, Gachibowli, Hyderabad on 20th September 2018.

Dr. Subhash Kaul
Head
Department of Neurology
Nizam's Institute of Medical Sciences, Hyderabad

Prof. Najmul Hasan
Dean
School of Sciences
MANUU

Prof. P. F. Rahaman
Co-Convener & Director, I/c
DDE
MANUU

Dr. Parveen Jahan
Convener & Head
Department of Zoology
MANUU
Hyderabad

AZAD NATIONAL URDU UNIVERSITY
One Day Seminar
Alzheimer's Awareness
"The problem of Dementia - who is at Risk?"

One Day Seminar on
Alzheimer's Awarenes
Organized by
Department of Zoology

5. SURAM DEEPIKA,STEM, teacher, Government Junior Collge, Bollarum, Medchal Dist - Hyderabad

Dear Sir/Madam,

I thank you for exposing me to be a great guiding force for students in choosing their career. Our students who are at 11th and 12th standards who will very soon opt for their under graduate level greatly benefited by the STEM ROAD SHOW. This Programme helped me in exposing career prospectus to the students directly. Our students come from the marginalised sections of the society and get very little exposure to such type of programmes. We all teachers, students under the guidance of our Principal Mr. Srinivasulu Batta are looking forward for such great programmes.

Deepika Suram,
Lecturer in Mathematics

6. PALLAVI MOTURI, Government Junior Collge, Bollarum, Medchal Dist - Hyderabad

Dear Sir/Madam,

I am Pallavi Moturi studied 12th Grade in Government Junior College, Bollarum, Medchal Dist. With subjects Mathematics, Physics and Chemistry. I successfully completed my 12th Grade with distinction. I was inspired a lot by attending the STEM Programme and a I choosed Mathematics, Physics and Computer Science in under graduate level.

We are very much greatful to you for providing me a wonderful opportunity to participate in STEM Programme in Hyderabad last year February. The Programme motivated me to choose my goal. Now my goal is to become Professor in Computer Science.

Our college faculty members Mrs. Sujatha Kolikipamla (Physics) , Mrs. Deepika Suram (Mathematics), and Mrs. G. Lavanya Chandra (Life Sciences) always encourage and instruct me when I need. Our college Principal Mr. Srinivasulu Batta inspires us in achieving our goals. The STEM Programme gave wonderful information regarding different career options.

Yours faithfully,
Pallavi Moturi
B. Sc., (M.P.Cs)

7.Angel Mounikal, Government Junior Collge, Bollarum, Medchal Dist - Hyderabad

Dear Sir/Madam,

I am B. Mounika studying 12th Grade in Government Junior College, Bollarum, Medchal Dist. With subjects Biology, Physics and Chemistry. I successfully completed my 11th Grade with 85%. Now I am doing well in 12th Grade and looking forward to get admission in Medicine. It is little difficult but I am confident to get into it. We are very much greatful to you for providing me a wonderful opportunity to participate in STEM Programme in Hyderabad last year February. The Programme motivated me to choose my goal.

Mrs. Sujatha Kolikipamla (Lecturer in Physics) , Mrs. Deepika Suram (Lecturer in Mathematics), and Mrs. G. Lavanya Chandra (Life Sciences) always encourage and instruct me when I need. Our college Principal Mr. Srinivasulu Batta

inspires us in achieving our goals. The STEM Programme gave wonderful information regarding different career options.
Yours faithfully,
B. Mounika
12th Grade

8. G. Divya, Government Junior Collge, Bollarum, Medchal Dist - Hyderabad

Dear Sir/Madam,

I am G. Divya studied 12th Grade in Government Junior College, Bollarum, Medchal Dist. With subjects Mathematics, Physics and Chemistry. I successfully completed my 12th Grade with distinction. Now I am doing well in under graduate level with subjects Mathematics, Physics and Computer Science.I did not attend STEM Programme along with my friends due to unavoidable reason, but I became to know the objectives of STEM through my friends those who attended STEM and I was inspired to take admission in Science and Technology group in Under graduate level.

Mrs. Sujatha Kolikipamla (Lecturer in Physics) ,, Mrs. Deepika Suram (Lecturer in Mathematics), and Mrs. G. Lavanya Chandra (Life Sciences) always encourage and instruct me when I need. Our college Principal Mr. Srinivasulu Batta inspires us in achieving our goals. The STEM Programme gave wonderful information regarding different career options.
Yours faithfully,
G. Divya
B. Sc., (M.P.Cs)

9. Makala Vaishnavi, Government Junior Collge, Bollarum, Medchal Dist - Hyderabad

Dear Sir/Madam,

I am M. Vaishnavi studying 12th Grade in Government Junior College, Bollarum, Medchal Dist. With subjects Mathematics, Physics and Chemistry. I successfully completed my 11th Grade with 80%. Now I am doing well in 12th Grade and looking forward to get admission in Computer Science Engineering College. It is little tough but I am confident to get into it.We are very much greatful to you for providing me a wonderful opportunity to participate in STEM Programme in Hyderabad last year February. The Programme motivated me to choose my goal.
Mrs. Sujatha Kolikipamla (Lecturer in Physics) , Mrs. Deepika Suram (Lecturer in Mathematics), and Mrs. G. Lavanya Chandra (Life Sciences) always encourage and instruct me when I need. Our college Principal Mr. Srinivasulu Batta inspires us in achieving our goals. The STEM Programme gave wonderful information regarding different career options.
Yours faithfully,
M. Vaishnavi,
12th Grade

10. Lavanya Chandra Gotike , Government Junior Collge, Bollarum, Medchal Dist - Hyderabad

Dear Sir/Madam,

The first and foremost thing is that I would like to thank STEM for providing an excellent opportunity to participate in STEM ROAD SHOW along with my colleagues and students. Our students secured good marks with distinction in 11th and 12th Grade. Students who completed the 12th Grade I joined in Engineering and Science streams in their under graduate level. The students are in constant touch with our institution seeking guidance in their academics and career.

The present 12th standard students got motivated after being to the STEM Programme. They are doing well and will stand to our expectations. Their target is to get admission in Medicine Mathematics and Computer Science Engineering. I worked as a moderator for public examinations of 11th and 12th standards last week.

We all are fortunate that we are in a mission to accomplish STEM objectives as a Team with our Principal Mr. Srinivasulu Batta.

Thanks,

G. Lavanya Chandra,
Life Sciences
Cell: +91 9989634098

11. Tejaswini Batta, Osmania University, Hyderabad

Dear Dr. Nasreen Haque

I am Tejaswini Batta, i have attended the STEM workshop held at Hyderabad on Feb-2018. I have completed my Masters in chemistry from Osmania University. After attending the workshop my perception about STEM fields has changed a lot. Now i am trying to get admission in Phd in IICT (Indian Institute of Chemical Technology) -Hyderabad. And also preparing for other exams. I am thankful to you for providing an opportunity.

Thank you

Tejaswini Batta

Inpact Report from Kurnool - By Mentor Fellow Prof. Jahanar Mnim (Representing tLocal Expert Captain Ali) & Dr. S.N. Naharl 9/17.2018

Report

Faculty , undergraduate and graduate students attended WOMEN IN STEM ROADSHOW workshop on 21st &22nd Feb 2018 in kurnool.This event is not just a single or two days routine seminar but each specialized in specific knowledge areas. This work shop was strengthen people -to-people lies between the United States and India through exchanges of information, experiences and expertise. Support economic growth and development by creating awareness for girls and young women on higher education opportunities in STEM fields

Most of the students was inspired by multifaceted personality Professor Dr Sultana N.Nahar and they joined in research ,they expressed that attending a workshop had numerous benefits, including improving communication skills,gaining experts knowledge, networking with others and renewing motivation and confidence.

This work shop helped the students to achieve success in their academic environment by putting these skills in the practice. WSR stands as a light house for the upcoming and budding research scholars in the horizons of India in generalisation and kurnool city in particular.

Students expressed gratitude to Dr Nasreen Haque dynamic international expert and enriched technosavy,a successful driving force in bringing all on to the same platform because of her we are all fortunate enough to have this work shop in kurnool. Students learned communication skills and developed a confidence from Dr Pradhan an elegant personality to the core,they learned to prepare CV and apply Visa , enlightened by Dr. Karen Irving.

Participants was very much inspired by alumni 's interaction ,it had filled with a perfume aiming many to walk along with them. Chief guest Mrs.Haque graced the august work shop to share about her social services and ventilate her ideas, being a woman her services are appreciated.

We need to advance our women scientists,hope so STEM make this universe women oriented society. STEM is here to Evolve,a selfless journey to change,grow and succeed.

Thank you

Dr.Jahanara.

Updates of some Participants

1. Shaikh Nabiha: Motivated to study abroad has performed excellent to achieve the 1st position in B.Sc. in the university

I, S.Nabiha of Hajirah Degree College for women,kurnool pen down these words to thank you for availing us the wonderful oppurtunity to study abroad and opening up the portal for exemplifying our knowledge which proved to be a great help for me to achieve 1st position among B.Sc (BZC) students of my university.

I keenly interested in pursuing Masters degree in life sciences after my graduation.The interactions with alumni has given me a great hope for future ahead.

I hereby enclose the requested certificate and photo identity regarding my participation in STEM activity.

2. Mymuna Afreen Shaik – Highly motivate and achieved the Rank 1 position in M.Sc. 1st year exam and "aim is to be an ideal for others like Albert Einstein, Abdul, Kalam & the last but not the least Sultana mam "

Assalamualaikum mam. Myself s.mymuna afreen. I recently persued my graduation from osmania degree college for women knl. Fortunately I attended the women in STEM roadshow workshop held in

My purpose of writing this to u is that with your well work & wishes I chose to opt a profession in STEM field- physics for my msc. With immense pleasure I would be glad writing to you that I stood TOP in the Rayalaseema University in msc physics entrance exam.

IMPACTS OF WORKSHOP:

~ The experience of meeting such great personalities was very inspirational specially for myself.

~ The effective speeches delivered by naharmam, Dr.anil sir & others were very inspiring & full of content to build up student's confidence, knowledge,& the enthusiasm to explore the world.

~ It filled up my mind to reach the peak of the universe like sultana mam.As sky is the limit for human needs& the need of knowledge is infinite-has no boundaries.

~ it helped me build up confidence, develop communication skills,& to proper my body language.

~ it boosted me to prove myself.it [myself.it] was like a supplement to invoke one's inner abilities.

CONCLUSION:

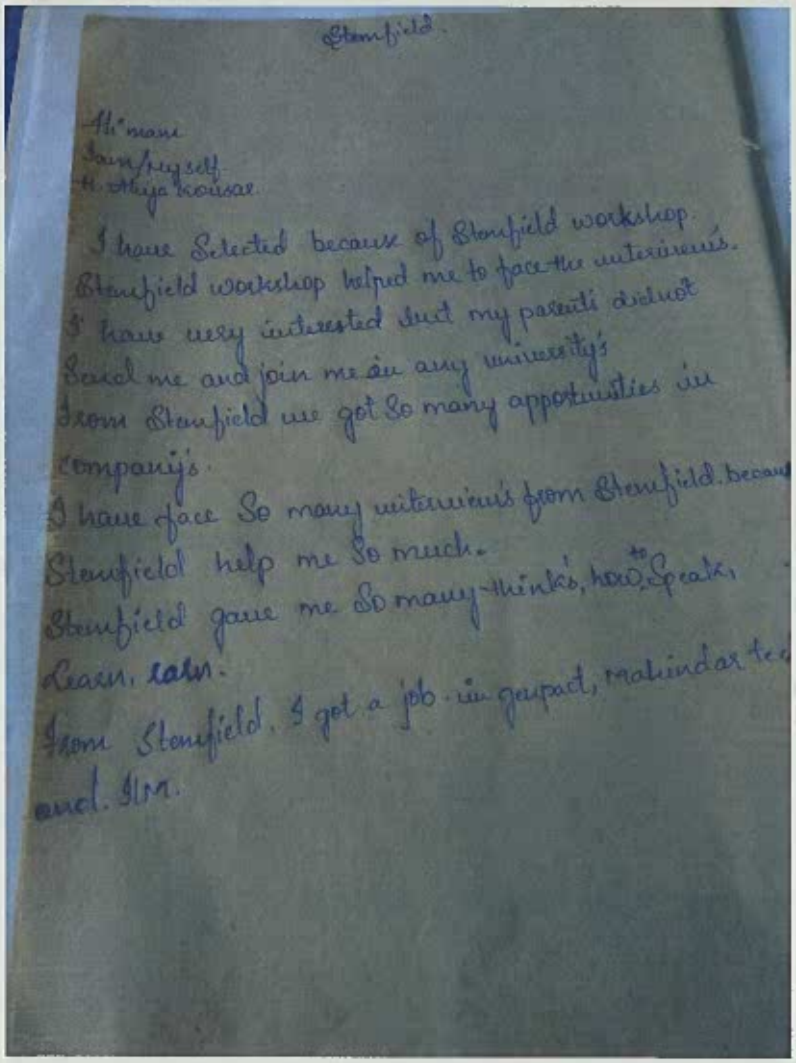
I always love to explore knowledge around me.it [me.it] was that enthusiasm & curiosity that made me step my foot at the work shop.i feel I was lucky to be one Among all the participants.

My aim is to be an ideal for others like Albert Einstein, Abdul, Kalam & the last but not the least Sultana mam. As knowledge of sciences that torch which illuminates the world & a lamp W/o light is worthless.i wish my thirst for knowledge never ends....

I conclude myself with a gratitude of thanks & my heartly wishes to nahar mam for her +greatwork in the future.All the very best.....

3 Altia Kousar, Kurnool workship: – Seleced at scientific company Gamma Process Hub India Limited because of training at the WSR workshop.

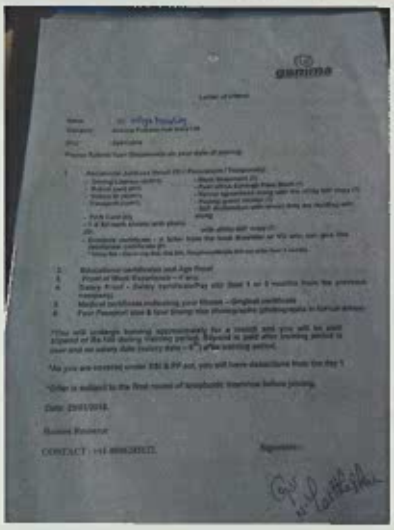
As expressed in the letter shown below her parents did not allow her to pursue higher study, but she has been able to find a position in STEM fields.

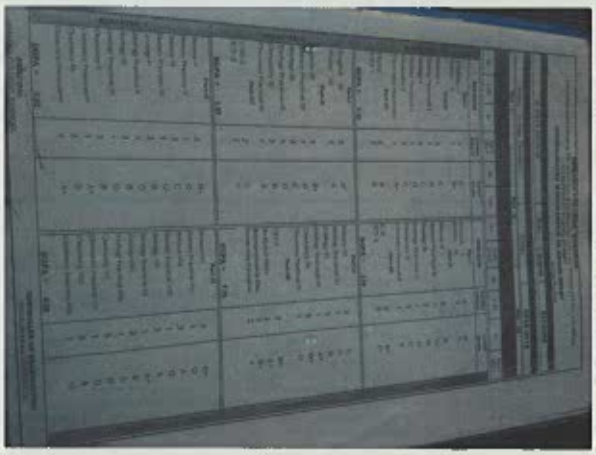


Stemfield.

Hi mam
I am/myself
H. Altia Kousar

I have Selected because of Stemfield workshop.
Stemfield workshop helped me to face the interview's.
I have very interested but my parents did not
Send me and join me in any university's
From Stemfield we got So many apportunities in
company's.
I have face So many interview's from Stemfield. becau
Stemfield help me So much.
Stemfield gave me So many think's, how to Speak,
Learn, earn.
From Stemfield, I got a job in gempact, mahindar te
and. I/M.





4. Syed Adeeba Fayeez:: Completed M.Sc. Achieving First Class and has joined as a Science Guest lecturer at KVR Govt. Degree College for Women, Kurnool

5. Shaik Khuleda Rayees: Motivated to study, got selected in M.Sc. And studying at

Dr. Jahanara Momin wrote that S. Khuleda Rayees is a M.Sc. Student and sent the following updates.

"STEM FIELD"

My name is Khuleda Rayees studying M.Sc chemistry I have selected because of stem field workshop. STEM FIELD workshop helped in many way. I face alot of interview. I'm very interested to join in "STEM FIELD". But my parents didn't send me to apply the stem field. stem field is very helpful to every one now a days. I have faced and selected the many interview because of stem field stem field is very useful to me. from stem field we get many new ideas and inspiration to move forward to every one and become a good lecturer are professors in life. stem field gives that a every girl should be independ.

I thankful to Dr. sultana N. Nahar
Dr. Karen Ewing
Dr. Nasreen Haque.

Thank you so much "Hath"

STEM FIELD

OSMANIA COLLEGE, KURNOOL

CONSOLIDATED MEMORANDUM OF GRADE SHEET

NAME OF THE CANDIDATE	COURSE	MEDIUM	REGD. NO.
SHAIK KHULEDA RAYEES	B.Sc.	English	5152169

OPTIONAL SUBJECTS	SECOND LANGUAGE	YEARS OF STUDY
Botany, Zoology, Chemistry	Arabic	2015-2018

Part - I | Part - II | Part - III

Credits	SGPA	Letter Grade	Month & Year of Passing	Credits	SGPA	Letter Grade	Month & Year of Passing	Credits	SGPA	Letter Grade	Month & Year of Passing
18	7.33	B+	April 2017	96	7.19	B+	April 2018	20	7.30	B+	April 2017

SUBJECTS	Credits Assigned	Letter Grade
Part-I		
English - I	3	C
Arabic - I	3	O
Part-II		
Botany-I	3	C
Botany Practical-I	1	A+
Zoology-I	3	B
Zoology Practical-I	1	O
Chemistry-I	3	C
Chemistry Practical-I	1	A+
Part-III		
HVPE	2	A
CBS-1	2	A+
SGPA = 7.05		
Part-I		
English - II	3	A
Arabic - II	3	A
Part-II		
Botany-II	3	B+
Botany Practical-II	1	A+
Zoology-II	3	B
Zoology Practical-II	1	O
Chemistry-II	3	A
Chemistry Practical-II	1	A
Part-III		
CBS-2	2	B+
ICT-2	2	B+
SGPA = 7.05		
Part-II		
Botany-V	3	B+
Botany Practical-V	1	O
Botany-VI	3	B
Botany Practical-VI	1	O
Zoology-V	3	B
Zoology Practical-V	1	O
Zoology-VI	3	B+
Zoology Practical-VI	1	O
Chemistry-V	3	A+
Chemistry Practical-V	1	A+
Chemistry-VI	3	B
Chemistry Practical-VI	1	O

SUBJECTS	Credits Assigned	Letter Grade
Part-I		
English - I	3	C
Arabic - I	3	A
Part-II		
Botany-II	3	C
Botany Practical-II	1	O
Zoology-II	3	B
Zoology Practical-II	1	A+
Chemistry-II	3	C
Chemistry Practical-II	1	A
Part-III		
E.S	2	B+
ICT-1	2	C
SGPA = 6.27		
Part-II		
Botany-IV	3	C
Botany Practical-IV	1	O
Zoology-IV	3	B+
Zoology Practical-IV	1	A+
Chemistry-IV	3	B
Chemistry Practical-IV	1	O
Part-III		
CBS-2	2	A
Analytical Skills	2	B
Entrepreneurship Edn	2	B+
Leadership Education	2	A
SGPA = 7.25		
Part-II		
Botany-VII	3	B+
Botany Practical-VII	1	A
Botany-VIII	3	A+
Botany Practical-VIII	1	O
Zoology-VII	3	B+
Zoology Practical-VII	1	O
Zoology-VIII	3	B+
Zoology Practical-VIII	1	O
Chemistry-VII	3	C
Chemistry Practical-VII	1	O
Chemistry-VIII	3	B+
Chemistry Practical-VIII	1	O
SGPA = 7.87		

CONTROLLER OF EXAMINATIONS

IMPACT REPORT

Dr Shahla Yasmin, Mentor,
Professor & Head, Department of Zoology,
Patna Women's College, Patna, Bihar, India

Following students of Patna Women's College attended the STEM workshop in February 2018 and were motivated to participate in scientific activities and undergraduate research. The students feel that STEM workshop has been really helpful throughout their research. Listening to the highly qualified professors from Ohio State University about the implementations and virtues of STEM thoroughly motivated them. Now they are moving ahead with their undergraduate research keeping in mind that it will be the prime focus of their career as well. After completing their B.Sc course they intend to join M.Sc courses in their respective subjects. Some are definitely aspiring to join foreign universities.

1. **Sidra Perveen** of B.Sc II, Zoology submitted an abstract and has been invited for participation in the **India-International Science Festival 2018** to be held at Lucknow from 5th-8th October 2018, under the category, **Women Scientists and Entrepreneurship.** She will be given free fooding and lodging and to and fro travel grant.

2. **Sindhu Kumari** of BSc III, Zoology Honours is working on the research Project on the topic **"Insecticidal effect of *Euphorbia hirta* on *Callosobruchus chinensis* & *Sitophilus granarius*** .

The objective is to determine a cost effective method for protection of pulses and rice from these pests as *Euphorbia hirta* is a weed and usually procured for no cost and will not have any harmful effect on human health.
Sitophilus granarius is a serious pest of stored grain in cool climate. It is a pest of rice , wheat & barley grains. It also infects maize & other cereals grain & causes a greater damage to them.The pulse beetle *Callosobruchus chinensis* is a major insect pest of lentis , chickpea, green gram, broad beans etc.

Sindhu working with her team mate

3. **Zeba Anjum** of IIIrd year of B.Sc in Zoology Honours is working on the project titled **" FOOD PREFERENCES AND RATE OF MORTALITY CAUSED BY ASPARTAME ON *CAMPONOTUS*".**

Camponotous are being used for basic research work as they are easily available in the college campus and are easy to trap . Ants are collected from natural habitat in groups. Sweeteners such as jaggery, brown sugar, table sugar, aspartame , lactose , fructose , sucrose , stevia and sucralose are used for testing their preferences. It is also being tested whether aspartame causes mortality of ants or not.

Zeba Anjum working on ants

4. **Shabistan Jabin** of BSc III, Zoology Honours is working on **"IMPROVEMENT OF WATER QUALITY OF ADALATGANJ AREA, PATNA, BIHAR BY VERMIFILTRATION"**

   The slum area of Adalatganj ,Patna,Bihar has filthy groundwater. In this project water analysis of the area and its filtration using both conventional as well as biological methods is being done by using earthworms (*Eisenia fetida*).

Shabistan Jabin's experimental setup

5. **Shafia Ambreen** of of B.Sc III Zoology Honours has been working on the project titled **"IDENTIFICATION OF MICROFLORA AND COMPARATIVE EVALUAT ION OF EFFICACY OF DISINFECTANT ON CONTAMINATED SURFACES".**

The objective of this research is to collect the microbes from the surfaces of frequently used devices (mobiles, remote, refrigerator handle) and their identification. The other part of research is the comparative efficacy evaluation of disinfectant on the microbial contaminated surfaces.

Shafia Ambreen counting bacterial Cell colony

Shafia working on laminar bench

6. Amita Shrivastave of B.Sc III, Zoology Honours is working on **'FAUNA DIVERSITY OF ZOOPLANKTON OF VARIOUS PONDS OF PATNA, BIHAR'**

Amita Shrivastava collecting water sample and identifying zooplantons

7. **Smriti Mishra** of B.Sc III, Zoology Honours is working on **'EFFECT OF DIFFERENT TEMPERATURE VARIATIONS ON HEN'S EGG'**

Smriti Mishra on her working table

8. **Pinki Kumari** of Industrial Microbiology 3rd year, is doing research on **"Isolation, characterization and extraction of oil from diatom collected from different water samples of Bihar region".**

In this study, identification and characterisation of different diatoms from different water samples of Bihar region along with the cultivation of diatoms with high oil content in vivo under natural conditions is being done. The goal is preparing biofuel generating diatoms solar panels.

Pinki Kumari doing her experiment

9. **Adiba Kayenat** student of Industrial Microbiology (B.Sc 3rd year) is doing research on the topic **" Antimicrobial Activity of Plants extracts against Bacterial strains causing Food Poisoning disease and its application in food preservation"**

Adiba doing her experiment

10. Shaeel Ashraf, a student of Industrial Microbiology, third year, is currently involved in a research on the topic **'Antibacterial effect of essential oils alone and in combination with antibiotics against *Escherichia coli* and *Staphylococcus aureus*'**. The objective is to find a way to tackle with these two microorganisms, *E.coli* and *S.aureus*, who are known for their resistance to many conventional drugs.

Shaeel Ashraf doing her experiment

11. **Tanzah Anam** of Industrial microbiology 3rd year is working on the topic **"Antimicrobial activity of plants extract against Bacterial strains causing food poisoning disease and it's application in food preservation. "**

Tanzah Anam doing her experiment

12. **Ayisha Haque** of Industrial Microbiology 3rd year is working on the topic **"Comparative study of plastic degrading bacteria isolated from soil from different regions of Patna".**

Ayisha Haque working on Laminar air Flow

Students are extremely grateful to Sultana Nahar Madam for the exposure and guidance.

I am also thankful for considering me as a mentor.

Participant comments on WSR Workshop.

To acquire keen knowledge one must study, to acquire wisdom one must perceive, and to acquire the accomplishment of one's aim one must go to **Ohio state university.**

Zubeire Nuzhat Jahan Hyder (Mentor, WSR)
Asst. Teacher in Physics
Ayub Urdu Girls High School, Patna

The creative minds of students got a chance to determine their ability through this workshop.

Juwaria Anjum
Ayub Urdu Girls High School +2, Patna
WSR Workshop Participant, Patna.

Effort and courage are not sufficient without purpose and direction and through this workshop I got both purpose and direction for my aim. May Allah make my way easy to be a fellow of **Ohio State University.**

Ashba Kamal (Ayub Urdu Girls High School +2, Patna)
WSR Workshop Participant, Patna.

To change one's life, one need to change his priority. My first priority is to get admission in U.S and my dream is to be a student of research and to be a student of Prof. Sultana Nahar.

Shabana Perween, Ayub Urdu Girls high School+2 ,Patna
WSR Workshop Participant, Patna.

After attending this workshop all my negative situation now turned positive. Now I am confident that I also have the ability to join Ohio State University.

Firdous Alim (WSR Participant, Patna)
Ayub Urdu Girls High School+2, Patna.

This workshop has been beacon of hope for the Indian Muslim Girls to become a scientist. It made my way easier to be an Ohio fellow.

Atfa Sania (Ayub Urdu Girls High School +2)
WSR workshop Participant, Patna.

Wsr Participant : From Left to right Firdous- Alim,Ashba Kamal,Atfa Sania ,Shabana Perween

Girls School Vitit Report, 'Women in STEM Roadshow 2018: By US Alumna Dr. Sabiha Parveen, Aligarh'

It's my privilege to write a report on 'Women in STEM Roadshow 2018' (WSR) as an US alumna. It's been said that getting an opportunity to work for your passion fills you with a more powerful feeling of enthusiasm, the same happened with me too when I was associated with WSR. Working for the noble cause of education and research for women from minorities and disadvantaged groups gives a feeling of satisfaction and performing my duty towards society. I got the opportunity to visit AMU-Girls high School through the WSR program. We had a long and detailed interaction, after the interaction I experienced that there is up surging need of such encouraging interactions to motivate them to opt STEM and pursue career in STEM disciplines. In India women in STEM fields lag far behind their male counter parts, the problem is acute for women from minorities and disadvantaged groups. The probable reasons of this could be regressive socioeconomic and cultural factors. The young girls are discouraged and discriminated against in favor of males from similar backgrounds and lack support of family and society in their advancement due to the stereotypical mindset that women are to sit at home and take care of domestic affairs.

The girl students showed deep interest in knowing about STEM and career opportunities in STEM in India as well as abroad. They asked several questions and seemed inspired from Kalpana Chawla and Sunita Williams. As an US alumna when I told them about higher education opportunities in the United States and about the visit of eight STEM fellows to US through collaboration between OSU and AMU, they were extremely enthusiastic and confident to believe that when students of their own university can go to US then they can also aspire to study in US. They inquired about upcoming STEM programs so that they can participate in them and committed to be part of such programs. I asked a question to them "how many of you do not like studying STEM subjects?" or "Is there anyone who finds studying STEM subjects boring or tough?" and to my surprise there was none who lack interest or finds STEM boring which reflects that they have liking to pursue STEM, we just need to provide a spark to them. Organizing workshops, conferences and seminars about importance of STEM could boost their interest exponentially. I am providing few pictures of our interaction below.

Alumni Report on 'Women in STEM Roadshow, Delhi 2018

Dr. Parvez Alam, Aarhus University, Denmark'

I am glad to share my experience and write a report on 'Women in STEM Roadshow 2018' (WSR) as an US alumnus. I consider WSR as a successful series of events organized across 6 cities of India. The overwhelming response of participants is indeed encouraging which gives motivation to do more for the noble cause of imparting education among minorities, disadvantaged and weaker sections of the society.

Before delivering a talk as an US alumnus in Delhi workshop I was not very much optimistic that a small talk could motivate students to such a great level. After the talk I was surrounded by students, both from college and high school, with numerous questions viz; "how to do better in STEM, benefits of studying in US universities, best universities in US, possibilities of selection and going to US, funding opportunities to study in US, work culture in US, getting US visa and safety and security of Indian students in US etc." which says that students are keenly interested in opting STEM disciplines and show their interest in pursuing higher studies in US. I attended two workshops in Delhi of this WSR program and both the workshops gave me extremely positive vibes. The participants were very excited to attend each session of the workshop staring from the early morning to late evening and I didn't feel a dip in their excitement level, they had back to back questions even in food sessions.

I was not able to visit a high school but witnessed a phenomenal change in students of STEM disciplines. Students are regularly inquiring me and are awaiting more programs like WSR. The WSR has instilled an interest about STEM among students. I would like to add again that WSR was successful in motivating students and more workshops, conferences and seminars should be organized at a regular level, I agree with Nelson Mandela that '"education is the most powerful weapon which we can use to change the world".

After attending the Delhi workshop, my decision to serve for education has become stronger and I have promised myself to give my best in bringing changes in the society by sharing my knowledge and experiences I have acquired so far.

Alumni Report: 'Women STEM Roadshow, New Delhi, 2018

By Dr. Taqseer Khan, US Alumnus,

Assistant Professor, Dept of Mathematics,

Jamia Millia Islamia University, New Delhi-110025, India

I am writing this report as an US alumnus. The chain of a number of workshops conducted in India's six major cities proved quite a success. It is very boosting to see the amazing response and enthusiasm from the women participants of these workshops. The students who took part in these events were mostly from under privileged and poor sections of the society. Our aim through these workshops was to make them aware of the importance and significance of STEM studies in the US.

I work in the above university as a professor. I attended one of the two workshops held in my university in New Delhi during Feb 3-5, 2018. I made a presentation to the participants explaining them the career opportunities and importance of STEM. I shared with them my life and experiences as a STEM fellow at the Ohio State University, Columbus, USA. I presented to them the opportunities and benefits of studying in the US and the state of the art of infrastructure of US universities and institutes, funding opportunities available to the talented students to study in US and reasons why the US universities always occupy top ranks in the world ranking every year. The students were so intrigued and enquired many questions regarding studying in US during the session. They even continued asking related questions even after the sessions got over which proves their undying interests in STEM and desire of studying in the USA. I am very happy to the success of this workshop to such an extent.

After all workshops got over, the participants got back to their places and with the time they started asking questions through phones and emails. This fills us with immense satisfaction about the efforts we put in to conduct these workshops and concluded they reached their culminations.

This is also very encouraging to us to make more efforts in helping them to realize their dreams of receiving higher education in STEM fields and make use of these for the betterment of human beings and to make this world a better place to live.

As an US STEM alumnus I am committed to make every possible effort for the education of the deprived and the underprivileged.

Workshop 9 : Aligarh

Women in STEM Roadshow Survey Report: 23-24 February 2018

The 9th workshop of WSR was held successfully at Abdullah Women's college Aligarh. There were 58 participants out of them 51 were students, 6 teachers and 1 US alumna. From the workshop survey forms it was observed that students were excited to attend the workshop and to hear from the eminent scientist, researchers working in STEM fields coming from USA. They found it an excellent opportunity at such an early stage of their career which could help them to achieve their goals in life. Some of the students in their pre survey form have mentioned that "they think this workshop would be highly productive, enthusiastic, motivating and interactive" while one of the student has written that " It is an opportunity for her to get exposure and a way to come out of their doubts regarding the GRE/TOEFL scores for applying in US universities for higher education". They wanted to know how to get understanding or how to deal with profession in the field of teaching and were curious to know methodologies that are associated with research and education but after attending workshop they found themselves more confident and motivated about their fields. They acknowledged all the speakers of the workshop for their guidance on how improve their CVs and how they can apply to US universities for their higher education in STEM fields. Many of them have mentioned Prof. Sultana N. Nahar as their source of inspiration and mentioned her words "daily take out 2hours from your schedule to learn science" which they took it as a lesson. After attending this workshop they got better understanding about the methodologies and advancement in teaching and research with respect to foreign admissions. Students mentioned that this workshop has provided them a sort of counselling and motivation to achieve their future endeavours. They got inspired from the speakers of the workshop and took it as their challenge to improve their skills and found it a better platform for their guidance to pursue their carriers in STEM fields in US universities for their higher education.

Local Expert: Swaleha Naseem

Women STEM Roadshow

Survey report for 5-6th Feb.

No. of Participants :→ 33

After reading all the pre-workshop survey and post-workshop survey it is observed that results meet with expectation. They have got to know about studies opportunities in US. They got better understanding to achieve carrier goal, Writing resume, online courses. Students got motivated to choose STEM fields for higher studies. They repeatedly appreciated the speakers of workshops. They admitted that the steriotype of thinking like studying abroad is possible only for elite class has broken. Their doubts has got cleared about choosing STEM fields and studying abroad. Some of them have mentioned their favourite speakers name and also describe how their lecture has influenced their mind. Students have appreciated ambience, food, venue, their interaction with speakers and wanting for further one year

Local Expert. DR. NOOR-E-ZAHRA

Noor :→ Noore Zahra

Noore Zahra

17/02/2018.

Survey Report

on

Women in STEM Roadshow (Feb 7th -8th, 2018)

Total number of participants = 55

The overall response of students was overwhelming most of them thanked STEM for the confidence and clarity of thought they got after the workshop. They now have the knowledge on how to apply for Universities in the United States of America. STEM workshop served the purpose of spreading awareness about the vast and vivid nature of science, the workshop managed to give the participants a glimpse of the outside world. Phenomenal speakers came forth and blessed the workshop with their teaching experiences about how to carve the right path in the life and the importance of science in the modern world. It was mesmerising to see how they managed to blend science and culture on the same podium. The participants were motivated by the life lessons given by experienced standard-bearers of science they were given an overview of the diverse fields of technology and were encouraged to form strategies for their study, incorporate hard work and dedication with newer technologies as a constituent part of their lives. A better understanding of how to achieve career goals with regards to stem fields was provided to the participants.

NooreZahra

Dr. Noore Zahra

Local Expert (Delhi NCR)

WOMEN IN STEM ROADSHOW

SURVEY SUMMARY REPORT: WORKSHOP #6
MINERVA GRAND, HYDERABAD
FEBRUARY 16 and 17, 2018
Local Expert: M. Nida Mir

The WSR workshop #6 was a huge success, the students were waiting eagerly to meet with international experts. There were total of thirty-nine (39) participants – majority of the participants were college students and there were few high school students and teachers. The high school students along with their teachers traveled 20 km each way from Bollarum in Medchal district.

The students expected to learn about skills and strategies to be successful in STEM filed(s). They also wanted to gain information on the basics of the application process to universities and colleges in USA. Most of them I spoke to had not had an opportunity to attend a workshop of this nature.

As the post-workshop surveys reveal the participants gained insights about good study skills, self-motivation, staying focused and to pursue graduate school in United States.

Ayesha Nasser, a student pursuing Biotechnology degree at Shadan College said, "I am extremely privileged to be a part of this event and I feel I have found answers to many of my questions and got to learn a lot. I must say "It was worth it". And yes! Right before my final exams this workshop was a true motivation".

Sujatha Kalikipamula, a physics teacher from Government Junior College of Bollarum attended the workshop to learn, "how to encourage female students to choose science, engineering, technology or mathematics as their main subject."

WOMEN IN STEM ROADSHOW

SURVEY SUMMARY REPORT: WORKSHOP #7
MINERVA GRAND, HYDERABAD
FEBRUARY 18 and 19, 2018
Local Expert: M. Nida Mir

The participants of workshop #7 were enthusiastic and had heard great things about Dr. Sultana Nahar and her achievements from WSR6 participants.

There were thirty-six participants comprising of college students, high school students, lecturers and teachers. Some of the participants came from families where participation in such workshops was not encouraged; rather discouraged. But the girls were determined to come and hear the international experts and be motivated.

The participants were impressed with the humble and modest nature of Dr. Nahar and to learn how approachable she was. They appreciated her light-hearted nature and modesty. Ayesha Unissa wrote, "It was an honor to meet such great personalities and to be influenced by them to achieve our career goals. I myself got inspiration regarding US studies, how to apply, how to manage time and how to write a resume,.."

Another participant, Shaik Noorain Fatema who is pursuing a degree in Computer and Software Engineering wrote, "It was very useful to build my confidence all through the way. It was a great experience to meet all the scientists over here. Thanks for giving this opportunity"

The alumni for this workshop was Vijaya Tirumulareddy and she too wrote, " I had not seen any such events before, it was organized well and coordinated with loads of information."

SSURVEY REPORT: WOMEN IN STEM ROADSHOW WORKSHOP

Location : Kolkata, Workshop Number : 3, Date : February – 9 & 10, 2018,
Submitted by Mohammed Sagheerul Islam and Madiha Ahmed

The 3rd workshop on WSR was conducted in Kolkata, India on the 9th & 10th of February 2018 at Hotel Pearl, Kolkata. It was attended by 26 students and 2 teachers.

Most of the students were from an economically emancipated background and have had to overcome considerable challenges in their quest for education and learning. In a society and also a community where it is desired that a girl child be better hived off for an early marriage post the minimum socially accepted educational qualification, the challenges faced by these girls having opted for a STEM background has been enormous.

IT was an eye opener for the attendees to listen to Prof. Sultana N Nahar who, can be traced her origin from a similar Asian background, spoke about importance of science in everyday life and for its advances not to waste half of the intelligence of humanity shared by females. Prof. Anil Pradhan's background was an example for the girls. The State Department representative Ms. Sheena Hall was another example of how a girl child can achieve her goals if given the proper impetus and guidance.

A session by Dr. Karen Irwing on the very basics for higher education abroad commencing with the inherent differences between a Resume and a CV were eye openers for the girls present and even the teachers expressed great satisfaction at the entire program.

The role of a mentor and the guidance provided by such a mentor which helps a student succeed in career enhancement was highlighted by Dr. Nasreen Haque who found such a mentor in Dr. Sultana N Nahar during her academic pursuits and helped further her career path.

It was a largely interactive session and the girls came up with numerous questions on the way forward for their career growth. The workshop served as a Single Window for all their queries on the steps to be followed in the event of their being selected for higher education in any university in the United States Of America.

The attending teachers opined that the structured approach to STEM education as emulated in the workshop has been an eye opener for them and they assured implementing the same for their students so as to enable these students to further their education.

A key takeaway for the students and also the teachers was the options available to the students in their higher education. The workshop helped guide them away from the routine thoughts of graduating out in engineering and Information Technology into interesting branches which ranged from Astronomy to Physics and the multiple options available under each such branch.

As one of the attending student has mentioned in her feedback form "After attending this workshop and meting such learned people from different streams of STEM, I do have a better and clear idea of the different methodologies that I could apply for the betterment of my student build up" which speaks a lot on the overall impact on the students.

SURVEY REPORT: WOMEN IN STEM ROADSHOW WORKSHOP

Location : Kolkata, Workshop Number : 4 , Date : February – 11 & 12, 2018

Submitted by local contact: Mohammed Sagheerul Islam and Madiha Ahmad

The 4th workshop on WSR was conducted in Kolkata, India on the 11th & 12th of February 2018 at Hotel Pearl, Kolkata. It was attended by 26 students and 1 teacher.

Most of the students were from a background similar to that of the attendees in Workshop 3 and were eager to share their background and their common interest which is their passion towards science and shared the challenges they have faced. Each of them have remained steadfast in their chosen path till now and wished to remain so.

Prof. Sultana N Nahar spoke of need of solving problems through STEM fields and role of females in them. Being a person from a similar Asian background her contribution in astronomy was an eye opener for the assembly. Prof. Anil Pradhan's background was an example for the girls.

Sessions were held by Dr. Sultana N Nahar, Dr. Anil Pradhan, Dr. Karen Irving. Dr. Nasreen Haque presented by skype. Each session was interspersed with numerous questions from the curious girls all of whom cited lack of guidance in academic path selection and career enhancement.

A session by Dr. Karen Irwing on the very basics for higher education abroad commencing with the inherent differences between a Resume and a CV were revealing for the girls present and even the teachers expressed great satisfaction at the entire program.

The workshop also stressed in the steps to be followed for seeking an entry into any university in the United States Of America and the need for examinations like GRE & TOEFL. The admission methodology and the key determining factors that will help a student get selected in an university was also highlighted in the workshop.

The session also stressed the need for the students to get involved in research and original publications right from their college days which will help them score brownie points when they seek admissions abroad.

The students were in for an eye opener when they realised that there were unexplored avenues in the world of STEM which extended far beyond the traditional branches prevalent elsewhere which the students could explore unhindered when pursuing their academics in a country like the USA.

For the students at large it was a very inspirational workshop and they went back with renewed zeal and vigour in their chosen fields to enhance their careers.

A perusal of the feedback form will reveal that almost all the attendees found this to be a very useful workshop which will help them plan their study better and also has been a motivating factor in their academic pursuits.

WOMEN IN STEM ROADSHOW

SURVEY SUMMARY REPORT: WORKSHOP #8
Kurnool, February 20 and 21, 2018
Local Expert: Capt. M. S. Ali and Mr. Abdul Aziz Siddiqui

The decision that city of Kurnool was chosen as one of the six cities to host Women in STEM Roadshow in India was a celebratory moment for students and faculty of various colleges including Vasavi Mahila Kalasala, Osmania College, KVR Government Degree College. There was great excitement and anticipation amongst the girls, there was a wait list prepared as the numbers began to increase.

We had forty-six (46) students that were selected and four (4) teachers. One of the students, Hajara Bi, traveled from Banaganapalli; a distance of 73kms. She was interested to learn about the opportunities available for women in STEM fields.

The participants were engaged and listened to every word that was spoken by Dr. Sultana Nahar, Dr. Karen Irving, Dr. Anil Pradhan, and Dr. Nasreen Haque. The insight offered by eminent scientist Dr. Sultana Nurun Nahar was inspirational, the girls were motivated to excel in any the STEM field of their choice. The encouragement offered by Honorable Acting Consul General of Hyderabad, Donald Mulligan, set the tone for the rest of the day. He mentioned that the prophet's wife Bibi Khadijah, against all odds worked hard and was a successful business woman. The girls had glowing compliments in their post-survey report; here below I am quoting just a few-

Syeda Naziya – "Thank you for choosing Kurnool for such a wonderful workshop. This has been very useful to me for higher education abroad."

Kumari Praveena – "I am expecting to meet and learn about the presence of women in STEM field." And after the workshop she wrote "It was a very interesting workshop, very motivated, I learned about the field that has scope in the world. Very useful workshop."

Renuka – "I came to know about the process that one should go through in order to pursue their education in USA and also different online courses which are totally free like MOOC. I also learned about teaching career in USA."

Khalida Zeba – "This workshop has been useful to me and everyone who attended. It provided an awareness about visa application process."

Survey Report of Workshop – 5 : Patna, by Syed Hasanain

Women In Stem Roadshow 13th & 14th Feb 2018

The 5th Stem Roadshow was held in Patna during 13th & 14th Feb 2018, The survey showed high inspiration and motivation.

As the participants write, tit was very proud moment for us because there were multiple cities in India who wanted to host this Road show. We are lucky that our esteemed guests from USA picked Patna. The esteemed guests from USA are here to help us achieve success and fulfill our dreams for higher education.

You inspire us to be confident and to always challenge ourselves. Throughout Roads how, we've turned to you as our mentor and inspiration. When we decided to apply for the higher education in USA, you supported us every step of the way.

You showed us that this Road show project wasn't just another assignment — it was an opportunity to show the world what we can do. You gave us the confidence to believe that we're smart and capable. Here in Bihar, we don't always have the chance to pursue every idea, but with you as a great mentor, we had every opportunity to show our talent and passion. Even if we happen to be in remote area away from high-tech education and don't have as many women in STEM, but we can be part of the best Science Competition in the world. This Road Show has very positive impact here on young students who are the future because you all view the world with a entirely different perspective especially due to the fact that STEM teaches us the logic, reasoning, and patience that is needed for success. I specially thank Dr Sultana Nahar, Dr Anil Pradhan and Dr Karen Irving , they are renowned scientists and authority in their areas. I am sure under their guidance we will achieve success.

I am also thankful to schools and college teachers, professors and administrators that they have supported me for this program.

We are looking forward and expecting more interaction with you in future.

Students Participated- 58
Chief Guest- Sister Marie Jessie AC Principal Patna Womens College
Professors- Dr Nahid , Dr Anjum Fatima, Prof Hena Naaz, Prof Stuti, Prof Shahla Yasmin (Mentor Fellow)
Schools Teacher- Sabiha (Principal) , Zubeire Nuzhat (Mentor Fellow)
Volunteer – Zoheb Hasan & Kaustabh Singh

Local Expert- Syed Hasanain

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9th, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MANTASHA IRSHAD, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company WOMENS COLLEGE A.M.U, Address: 4/907 SHOUKAT MANZIL DODHPUR ALIGARH

1. What motivated you to choose STEM subject?

I was motivated with pre-workshop or pre-orientation meeting held in Chemistry Department. It was our first introduction which was a very motivated for me. Our lecturers coming from US was very much motivated. They gave their precious time to us. STEM subject is very important for me. This is my dream to study in abroad.

2. What strategy do you follow for your study?

Learning is my passion therefore I gone to such things from which I enhanced my knowledge. Someone says that "practice makes perfect" so I always trying to learn a new things and spreading to all.

3. What is your career goal?

My career goal is to build my career in a teaching profession, if I get a chance or I selected in this workshop. From childhood my parents says that I become a Doctor but when I got an admission in graduation (Zoology), their thinking, their mind almost changed & they said to me that you build your career in a "teaching profession".

4. What is your expectation from this worksop?

My expectation from this workshop was not so high just to remove our hesitation from speaking English and Inshaallah I will prove 1 this as soon as possible because English is something from which we cannot escape.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I strongly motivate with STEM fields because it brings a hu change in me. As we hear in this workshop that " studying i US can give us opportunities to know & learn about other culture & sharing our culture with International freind." About so many things, websites now we known officially US. We intract with many people. We communicate wit each other as a family. in this workshop.

2. Do you feel that you have a better strategy for your study?

Yes I feel that I have a better strategy for our study beca for achieving anything there should be some efforts, har work & confidence. I remain focussed to our goal & I do not get distracted by the minor problems because they become insignificant with achievement I think now we have to do something because of this workshop.

3. Do you have a better understanding on how to achieve your career goal?

Yes I have a better understanding on how to achieve our caree goal because in everyones life career goal or aim con first. I give first priority to my career. because it makes me a successful person & Inshaaallah I achieve my goal as I have a full confidence on me

4. Do you feel that this workshop has been useful?

Yes I obviously feel that this workshop has been useful for me, our future & also at present time because I met first time to our esteem lecturers. They have a lots of knowledge in every field. I think that I actually in STEM. I thankful to all our beautiful lecturers, our teachers really who gave this opportunity by being a member of STEM.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NARGIS BANO, Subject: Zoology, Student/Teacher/Alumni

Institution/Company WOMEN'S COLLEGE AMU Address: HAMDARD NAGAR 'D' JAMALPUR ALIGARH.

1. What motivated you to choose STEM subject?

My passion towards science motivated me to choose STEM subject. because they help us in understanding everything happening in the environment whether it is human, other animals, air, water whatever it is. and also decrease the human efforts. They also help us a lot in understanding how the system works.

2. What strategy do you follow for your study?

I usually spend a lot of time in books but videos also help me a lot in understanding some complex and difficult things like techniques related to the extraction and many more. TV etc

3. What is your career goal?

I want to become a successful researcher or basically a scientist as A.P.J Abdul Kalam ~~and~~, Rosalind Franklin, Watson Crick was. ~~Frank~~ particularly a geneticist.

4. What is your expectation from this worksop?

They will give me an idea how to fulfill dreams, and what step should I need to take, to move forward in my study. make us aware about the path to be taken. and most importantly ~~they~~ it will help me in raising my voice and decreasing my shyness

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   yes, it is true that now listnening from them ~~it~~ ~~has opt~~ I feel proud for myself and also my college for opting STEM subject.

2. Do you feel that you have a better strategy for your study?

   I think still for me the stragtegy is same as I had wrote on the back page. but, I think scrowling and searching on the google is also as useful as books. because they give us the idea about the steps to be taken to put ourself forward in the race of competition.

3. Do you have a better understanding on how to achieve your career goal?

   yes, now I know what to do to become an eminent scientist or an evolving researcher. but to achieve my goals of career I need to more abroad for higher study.

4. Do you feel that this workshop has been useful?

   yes, because by this they have open the area of our interest and even they have aware all of us about the steps to be taken to fill our dreams.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: DR NAZURA USMANI, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company AMU., Aligarh, Address: Department of Zoology (Women's college) AMU., Aligarh

1. What motivated you to choose STEM subject?

To have the insight of flora and fauna that is the living systems, its interaction with its surrounding including its impact on human in particular.

2. What strategy do you follow for your study?

-

3. What is your career goal?

Research and Teaching

4. What is your expectation from this worksop?

The workshop was very informative. The resource personals were very effective. They impailed their message well.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. The interactive sessions were very informative the resource persons were very helpful. Although the interest was there right from the beginning but the workshop enhanced it by manifolds

2. Do you feel that you have a better strategy for your study?

Yes the informations shared by the speakers will help me in planning the lectures better.

3. Do you have a better understanding on how to achieve your career goal?

Definitely. we were guided well, we can now search for ideations for collaborative work.

4. Do you feel that this workshop has been useful?

Extremely useful. the guidances will help us towards a better approach for both research and teaching

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MAHWASH IMTIAZ, Subject: MATHS, Student/Teacher/Alumni

Institution/Company WOMEN'S COLLEGE, Address: AMU, ALIGARH

1. What motivated you to choose STEM subject?

After my MSc in Mathematics, I wanted to do higher studies in this subject as I really like maths. As my Mother is a professor in this subject (algebra) A.M.U. She motivated me always.

2. What strategy do you follow for your study?

The strategy I follow is to get the basics clear of everything I study. To get to the core of the subject and understand it so that it becomes insteresting.

3. What is your career goal?

My goal is that after my MSc in Maths I am planning to pursue my Ph.D in algebra from The OHIO STATE UNIVERSITY (columbus).

4. What is your expectation from this worksop?

To encourage & provide information about education and professional opportunities in science, technology engineering, maths. Information about education at US institutions.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, indeed, the talks of our international & local experts have really boosted up my confidence regarding my choice of maths as my major.

2. Do you feel that you have a better strategy for your study?

Yes I fel so because now I ~~feel~~ probably know which part of my subject has to be given more time and attention.

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I do have a better understanding on how to achieve my goal because now I have a specific direction for my life. Now I have the awareness about the educational & professional opportunities regarding my STEM subject.

4. Do you feel that this workshop has been useful?

Yes, truely this workshop has been very useful to encourage and motivate my career goals & to provide information for girls & young women about the STEM subjects for higher studies. This workshop also highlights the opportunities at US institutions.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Mahwash Iftab, Subject: Mathematics Student/Teacher/Alumni

Institution/Company Women's College, Address: AMU Aligarh

1. What motivated you to choose STEM subject?

I was really interested in mathematics since my kindergarten and it is also fun doing mathematics.

2. What strategy do you follow for your study?

I basically focus on understanding the basics and clearing all my doubts. So that the foundation of my subject becomes strong. As it says, Strong foundation leads to build a strong infrastructure.

3. What is your career goal?

I want to become a Maths professor because I want to motivate other girls also for studying maths. (because it is also a less common subject among girls).

4. What is your expectation from this worksop?

I expect that all my confusion and questions regarding studying in USA (especially for a girl) will be cleared. I'll become more motivated than before.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, After the workshop I feel more motivated and excited that I choose STEM field and mathematics as my mains. Thanks to Anil sir for saying such motivating words "If you can do maths, You can do anything".

2. Do you feel that you have a better strategy for your study?

Yes, Now I know what I have to do next and I'll follow all the steps with complete focus and I want to achieve my goal anyhow.

3. Do you have a better understanding on how to achieve your career goal?

Yes, Now I have a better understanding on how to achieve my career goal because now I know the right path which I have to choose to achieve my goal.

4. Do you feel that this workshop has been useful?

Yes ofcourse, very useful. This workshop was the exact thing which I was searching since last summers. I searched a lot about how can I get admitted in graduate school USA but I could'nt found the correct way. But after this

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Varisha, Subject: B-tech CIVIL, Student/Teacher/Alumni

Institution/Company Zakir Hussain College of Engg. & Tech. AMU, Address: H.No.37, Chak Basanta Chauri Nali, Near Two transformer, Aligarh.

1. What motivated you to choose STEM subject?

I am an engineering student. The motivation to choose STEM I got from my father because he also did his education in engineering but unable to continue it due to some family issues. So, he want me to excel in this field and I also want him to make somewhat satisfied.

2. What strategy do you follow for your study?

The strategy to be followed is simple to work hard in every face of my study. I am trying to do it best as well.

3. What is your career goal?

I want to do excel in my field. Currently, I am ~~for~~ pursuing my Bachelor after that I will first try to do my Master's and start enrolling myself in research works too. So that I can achieve a good career with which I can help others too.

4. What is your expectation from this worksop?

To know about various opportunities for Post graduation in abroad that I can choose for my further studies. To have knowledge about the systematic procedure of applying in different universities of U.S. so that I can extend my work in that particular area (like research

The Ohio State University Women in STEM Roadshow

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, this workshop gave me a feel of more motivation and satisfaction in having a STEM subject as my choice. Also, ~~gives me~~ gave an idea of doing things in a different manner to compete amongst other students.

2. Do you feel that you have a better strategy for your study?

I have need of some points to add in my strategy to have an effective learning like research skills.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I understand it better and I ~~show~~ will start ~~for~~ searching on it because it takes time to know things and decide what is better for us.

4. Do you feel that this workshop has been useful?

Yes, this workshop is being useful for me to have knowledge about various opportunities, fellowships etc. which is not clear to me before this workshop.

Email Id : Shaista firdos 7 @ gmail. com

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHAISTA FIRDOS, Subject: Botany, Student/Teacher/Alumni

Institution/Company Aligarh Muslim University, Address: T.W, hostel, Room no-3 Abdullah hall, Aligarh

1. What motivated you to choose STEM subject?

My interest about learning Science was driving force behind which enable me to chose STEM subject

2. What strategy do you follow for your study?

I generally study 4-5 hours a day. This time, I basically devote for myself studies. I generally work on efficient Study rather than working on time based. Study. While I study my subject, I try to understand its basics and main Cause to study it.

3. What is your career goal?

To ~~Post~~ Pursue in the field of Research is my career goal. I have keen interest in human life and ways to improve it. The Biomedical Research fascinate me the most Therefore, I want to make my career in field of Biomedical Research.

4. What is your expectation from this worksop?

Through this workshop, I want to broaden my opportunities and want right guidance from the guest lectures. I want them to ~~to~~ enlight me 1 with the knowledge of about opportunities available in abroad for higher education and how to avail them.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, I feel more motivated in choosing STEM field. As I now hold broad prospective and vision in this field. With proper guidance and mentorship I feel more confidence about pursuing my higher education in STEM field.

2. Do you feel that you have a better strategy for your study?

yes, I have a better strategy for my study now. Knowing the areas I need to work in, and experienced I need to gain, ~~it has to~~ as well as how to achieve it, I now have better strategy for my studies. Now, I know how to utilize and plan my given valuable time.

3. Do you have a better understanding on how to achieve your career goal?

yes, I have a better understanding on how to achieve my ~~career~~ Career goal. With right guidance and mentorship given by this ~~works~~ workshop, I have alot more understanding about my career goal.

4. Do you feel that this workshop has been useful?

yes, this workshop has proved to be more beneficial for ~~my~~ me. As it has provide massive information about the STEM field at the right time of my career. It has also satisfied the queries, the answer I was looking

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): (Aligarh,) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sameera, Subject: Electrical Engineering, Student/Teacher/Alumni

Institution/Company AMU, Address: EES, University Poly. AMU.

1. What motivated you to choose STEM subject?

2. What strategy do you follow for your study?

3. What is your career goal?

4. What is your expectation from this worksop?

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, Sharing the stories of the team members have made me more interested.

2. Do you feel that you have a better strategy for your study?

Yes, Hearing so much learned and experienced team I am in better state to plan future strategy.

3. Do you have a better understanding on how to achieve your career goal?

Yes.

4. Do you feel that this workshop has been useful?

Definitely.

THE OHIO STATE UNIVERSITY | Women in STEM Roadshow

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: ZUNAIRA - KHATOON, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company WOMENS' COLLEGE, Address: H·No.20, STREET-4, SILVER OAK AVENUE, DHORRA, ALIGARH.

1. What motivated you to choose STEM subject?

The workshop named Women in STEM roadshow, name itself motivated me to choose STEM subject as it is in my stream and the main role is of women there.

2. What strategy do you follow for your study?

Usually I prefer books available in library and combine and check some or most materials from the net, google. And when I even unable to understand that topic I go to various vedio lectures available on youtube. And also ask my teachers' if there' any queries ~~occurs~~ were there.

3. What is your career goal?

I wants to ~~over~~ bring over those girls students which are unable to get such studies ~~services~~ easily and ~~to to~~ wants to teach. Mainly I want to become a perfect teacher which guide there students and teach them ~~we~~ very well and wants to do a social ~~service~~.

4. What is your expectation from this worksop?

My expectations are that this workshop motivate me in my goal and provides me knowledge ~~how to do new~~ in ~~my~~ field.

THE OHIO STATE UNIVERSITY — Women in STEM Roadshow

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, Ofcourse because till now, I don't know such opportunities in my career of field. As us the numbers of this workshop were also like me as I ~~was~~ am yet. When they can do by applying efforts ~~why~~ & ~~how they~~ why we can't do that?

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have a better strategy for my study because strategy comes when you want something or you wants to fulfill your dream in carrier desperately and also that focused was clear in your view.

3. Do you have a better understanding on how to achieve your career goal?

No, yet Not but I try my best when the ~~opportun~~ opportunities came and try to cover up the knowledge to fulfill my dreams and carrier field.

4. Do you feel that this workshop has been useful?

Yes, I myself as motivated many others do also and everybody wants something in his career but some have different goals. And In the field of STEM ~~as~~ most people wants motivation And this workshop is helpful for them as well as with motivation the knowledge of oppotunities 2 knocking on your door.

email:- (ifra.ilyas.43@gmail.com)

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: IFRA ILYAS ANSARI, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company WOMEN'S COLLEGE, A.M.U., Address: WOMEN'S COLLEGE, AMU, ALIGARH, UP, INDIA.

1. What motivated you to choose STEM subject?

Science never stops to amaze us. As a kid I'd love watching the DISCOVERY CHANNEL on TV, which aired all the scientific experiments, the theory of how life evolved and how we exist. I've had a keen interest in science since my childhood, and aspired to become a 'Scientist'. Choosing STEM was the first step to achieve my goal.

2. What strategy do you follow for your study?

"DONT JUST STUDY HARD, STUDY SMART".
I believe and also follow the act of enjoying the studies. Whenever I start to study a topic, I read, watch educational videos which are available online, search for some extra study material & explanatory notes online, & finally make short & concise notes for quick revision.

3. What is your career goal?

My aim in life is to excel in the field of Science & become a "Scientist".

4. What is your expectation from this worksop?

I am greatly excited to attend the workshop & it would be an honour to be able to hear the eminent lecturess and interact with them. I look forward to learning more about the scope in STEM field, various ways to apply for colleges at international level, and how to stay motivated to achieve a goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Absolutely YES! I am highly motivated after this workshop.

2. Do you feel that you have a better strategy for your study?

YES. Having been guided by such great people, I have now a clear perspective so as how to direct myself. Studying textbooks in not sufficient. Reading research papers in internationally recognised publications, reviewing the papers and also going deeper to find out new and noble study material would be one of my every tasks.

3. Do you have a better understanding on how to achieve your career goal?

I feel I have a direction now. Having heard about the various exams to appear, and the process to make it to a recognized university of USA, I am more than just determined to pursue my research from an international university & become a scientist.

4. Do you feel that this workshop has been useful?

YES. The STEM Roadshow has been extremely useful.

I now & am aware of almost all the required steps to keep moving ahead in STEM field.

All thanks to OHIO-STATE UNIVERSITY for conducting the

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: JAWERIYA ANWAR, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company ALIGARH MUSLIM UNIVERSITY WOMEN'S COLLEGE., Address: ABDULLAH HALL, ALIGARH

1. What motivated you to choose STEM subject?

I have always been interested in the subjects related to technologies and science. Moreover, these (STEM subjects) are highly helpful for understanding and knowing the mechanisms of life and various different other things.

2. What strategy do you follow for your study?

I believe whatever you study, study hard and smart It's not required to give maximum time for study but in minimum time, grasp maximum.

3. What is your career goal?

I want to go for research in chemistry after persuing Post graduation. It want to unfold the mysteries of ~~behind~~ this mysterious universe, that is very fascinating.

4. What is your expectation from this worksop?

I expect that this workshop would be highly productive, enthusiastic, motivating and entertaining too.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. Highly motivated and enthusiastic too. After attending this workshop I feel truly blessed that I chose STEM field.

2. Do you feel that you have a better strategy for your study?

Yes. I have learnt a lot and will try to perform in my daily life. The best thing I learnt from this workshop is to detach ourselves for 2 hours from other work and give this time for intellectual things.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I have got better understanding on achieving my goal. Now, I am very much enthusiastic.

4. Do you feel that this workshop has been useful?

It was very useful. It encouraged a lot.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9th, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Mohini Agarwal, Subject: (B.Tech Mechanical) Student/Teacher/Alumni

Institution/Company ZHCET, AMU, Address: 362, AVAS VIKAS COLONY, SASNI GATE, ALIGARH.

1. What motivated you to choose STEM subject?

I am an observer & I like to know about the science ~~behind~~ behind every process. So, I want to pursue engineering & start exploring.

2. What strategy do you follow for your study?

Generally, I like to clear my basic concept clearly so for that I prefer watching videos & then reading the related books about that. And if it didn't help that I approach my teachers who have in depth knowledge about that particular subject.

3. What is your career goal?

To secure a responsible position in an organization where I can apply & hone up my technical skills, strong interpersonal skills & well developed analytical skills to achieve positive results for the organization.

4. What is your expectation from this worksop?

My expectation is that after the completion of this workshop I will be able to understand the proper way to approach higher studies in approach.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel very much motivated. It feels good to know what is going on in the world. Every one is making their contribution in these fields & I want to make mine too.

2. Do you feel that you have a better strategy for your study?

I think that yes I have better strategy because when you use visual aids to understand something, you remember that for a long time rather than reading. Also, practical aids also help us understand our subject in a better way.

3. Do you have a better understanding on how to achieve your career goal?

Yes, after attending this workshop, I think I got a better understanding. And also, I can see the new opportunities. Now, I have.

4. Do you feel that this workshop has been useful?

I think this workshop is very useful as now I understand how to approach towards my goal & what are the pros & cons of different things we do in our undergraduate program to get a better career option.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NOOR E SHAMA, Subject: CHEMISTRY, (Student) Teacher/Alumni

Institution/Company STUDENT, Address: WOMEN'S COLLEGE, ABDULLAH HALL, AMU, ALIGARH, UP 202002

1. What motivated you to choose STEM subject?

This "Stem" kind of workshop is happening in my institution for the first time. And this is a totally women oriented subject. Moreover, it would help me to achieve what my goal is for sure.

2. What strategy do you follow for your study?

I am a Chemistry mains student. I take help from the books suggested by my own Chemistry teachers. Moreover, they themselves teach us well. Basically, I just always focus on improving my concepts of my study of subject not just simply mugging up.

3. What is your career goal?

I have a goal which will be accomplished with this STEM workshop. I want to do research in my own CHEMISTRY subject from foreign.

4. What is your expectation from this worksop?

This workshop will enhance my resume firstly. Secondly, it will help me get out of fear to represent me in front of public. And lastly, I'll get more exposure from this workshop, which is very much needed for my future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, the workshop has motivated a lot. I have gained much knowledge regarding not only my field of interest by also in biology.

2. Do you feel that you have a better strategy for your study?

Till now, I have had opted one night study before exam. But to gain what I want, I have changed my strategy and hope to go on to the same.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have it. This workshop has helped me a lot to understand on how to achieve my goal.

4. Do you feel that this workshop has been useful?

Yes, It has been very useful for me. It'll help me a lot for my career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Afshan Anam Saeed, Subject: Physics, Student/Teacher/Alumni

Institution/Company Aligarh Muslim University, Address: Abdullah Hall, Aligarh

1. What motivated you to choose STEM subject?

The fact that STEM deals in empowering women in particular by teaching and training them on research methodologies, motivated me to join the workshop. I also wanted to join the workshop in order to get an understanding of the manner of dealing with professionalism in the field of teaching.

2. What strategy do you follow for your study?

In particular, I decide to go through my course books atleast once before an exam so that I have an idea of what I am to present and so that I do not panick at the last moment.

3. What is your career goal?

My career goals are to become an educationist and a researches. I am highly influenced by Astrophysics and wish to carry researching on the various topics in the subject and along with that help build a better world through education.

4. What is your expectation from this worksop?

From this workshop, I expect to learn professionalism. I expect to get an understanding of various methodologies that are associated with research & education.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. I always had the desire to take myself into the STEM fields. After attending the workshop, I feel more motivated and confident about my field. Thank you for giving me the assurance that I still have time to improve my CV, before I move further ahead.

2. Do you feel that you have a better strategy for your study?

Regarding the strategy of studying, a lot of points regarding taking time out for yourself was discussed. However, I believe I have always been doing that, so after this workshop I feel glad that I have some what been following the right path.

3. Do you have a better understanding on how to achieve your career goal?

As of now, the sessions regarding foreign admissions have been helpful. However, I do feel a little confused regarding myself as what generally is discussed is for the exceptionally bright students. I hope that people like us are also considered.

4. Do you feel that this workshop has been useful?

Yes, it has been useful for understanding the methodologies and advancement in teaching also with respect to foreign admissions. The information on building up of your application was extremely helpful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: RABIA OMAR, Subject: PHYSICS, Student/Teacher/Alumni

Institution/Company ALIGARH MUSLIM UNIVERSITY, Address: ABDULLAH HALL, AMU

1. What motivated you to choose STEM subject?

Being an aspirant in this particular field and a chance to see upclose how things move around.

2. What strategy do you follow for your study?

The most important thing, in my opinion, is understanding the concept. If the basics are known with clearity, any everything else easily follows.

3. What is your career goal?

It is the hardest question to answer. I am still trying to find one.

4. What is your expectation from this worksop?

To clear the haziness that is surrounding me at the moment and get inspired.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I don't know about being more motivated, but certainly, I have been enlightened with the possible options that I can take up in future in STEM feild

2. Do you feel that you have a better strategy for your study?

Absolutely. Prof. Nahar spoke about dedicating at least 2 hours from your busy life ~~into~~ to Science daily, which ~~for~~ for me could be the best advice.

3. Do you have a better understanding on how to achieve your career goal?

Not yet Since I am still uncertain of that particular goal. I am scared of immersing myself in STEM feild first because, I find myself lacking in ~~many~~ a many areas.

4. Do you feel that this workshop has been useful?

Absolutely I have been a part of a workshop that taught me several things related to my subject. super helpful !!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: FARIHA MUSHAHID, Subject: CHEMISTRY, Student/Teacher/Alumni

STUDENT

Institution/Company ABDULLAH HALL, Address: ABDULLAH Women's College, Aligarh.

1. What motivated you to choose STEM subject?

I choose ~~STEM~~ STEM because it is aimed towards attracting under represented populations. Female students, are significantly less likely to pursue a college major or career, in Scienie and technology, which is the field of curiosity and lots of research.

2. What strategy do you follow for your study?

My strategy is just reading, writing and learning. less practical, more theoretical. But, I want to change it.

3. What is your career goal?

I want a career which is more practical, the education which is interactive, healthy, practical is more succesful as compared to the one which comes only and only from books/reading/writing. I want to become a teacher/lecturer and a research person too.

4. What is your expectation from this worksop?

I Expect that this workshop becomes the key to many locked doors, which are depriveing female students from many opportunities I want to pursue a very practical education.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I am quite motivated in my choice of study in STEM field, that is ~~Pure~~ doing research in fields of Chemistry, which has been my major subject.

2. Do you feel that you have a better strategy for your study?

NO, ~~Any~~ strategy was not upto the level. I used to only study like a bookworm. After this workshop, I came to know how many research opportunities we have in our field and how we can educate ourselves qualitatively

3. Do you have a better understanding on how to achieve your career goal?

Yes by now I have it.

4. Do you feel that this workshop has been useful?

This workshop has been very useful.
It has created awareness in us, I helped us to know about different research and teaching areas. It also introduced ~~us~~ to us many

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: UNNATI AGARWAL, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company WOMEN's COLLEGE, Address: T-213 PROFESSOR COLONY 100 FEET ROAD, ALIGARH

1. What motivated you to choose STEM subject?

My teacher firstly motivated me to attend this workshop. Also its mainly concentrated on opportunities or informing about the benefits for women studying outside India.

2. What strategy do you follow for your study?

Basically, I do not follow any strategy. when I like or want to know about something, or learn about some new topics then I study it thoroughly with intrest. For me developing intrest in the subject is the strategy.

3. What is your career goal?

My career goal is to earn money in a right way and be a good, honest person and hardworking person in any work or job I pursue.

4. What is your expectation from this worksop?

My expectation is to get maximum experience from the guests, about their life, and to interact with them.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, surely we feel more motivated. Teachers & guests were very good.

2. Do you feel that you have a better strategy for your study?

Yes, now I feel that I have a better strategy like spending 2 hours for science and getting isolated.

3. Do you have a better understanding on how to achieve your career goal?

Of course, yes I have a better understanding. I know now what to do, not specifically, but I am sure I can atleast now start to take small steps to achieve a big goal.

4. Do you feel that this workshop has been useful?

Yes, it was very useful as I have not attended this type of workshop earlier and the teachers guided us so well to show us the path to achieve our goal. I am very^2 happy that I was selected.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SAIMA OWAIS, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company ALIGARH MUSLIM UNIV. Address: 4/133, SHIBLI BAGH, HAMDARD NAGAR 'A', JAMALPUR, ALIGARH

1. What motivated you to choose STEM subject?

The theme "STEM" itself sounds "complete". Being a woman, & getting opportunity to learn, yes, definitely makes me "complete". Also, the all four disciplines of Science (i.e., Science, Technology, Engg. & Maths) makes the strong "stem" for the society to stand firm!

2. What strategy do you follow for your study?

I believe in studying at early morning, as both mind & body are fresh to welcome, the the "learning".

3. What is your career goal?

I wanna become a scientist.

4. What is your expectation from this worksop?

I expect that I will surely get a way, or, will be able to pave my own path towards my destinatia

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Definitely! I feel happy & privileged at the same time. As the STEM has literally enormous scope for the science-enthusiasts!
— BLESSED!

2. Do you feel that you have a better strategy for your study?

Yes, Now, I think I should again work on my strategies & making it more effective.

3. Do you have a better understanding on how to achieve your career goal?

Yes. Alhamdolillah.

4. Do you feel that this workshop has been useful?

It has been useful & memorable. I would say as well.
The sort of counselling I get, the kindness of the entire team of STEM & of course the patience they have is, totally gonna work.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SYLVIA JOHN, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company WOMENS COLLEGE, AMU, Address: 3/263, VIDHYA NAGAR, RAMGHAT ROAD, ALIGARH- 202001

1. What motivated you to choose STEM subject?

I ~~always~~ was always inclined towards science. I liked studying everything in ~~sci~~ the perspective of science.

2. What strategy do you follow for your study?

Strategy to follow for my study is to do it regularly, and ask questions to clarify all doubt.

3. What is your career goal?

- To earn good money and have a better life. ~~st~~
- To do something of worth

4. What is your expectation from this worksop?

I am very excited aboutt this workshop and I hope I will learn something and have good experience that would be beneficial for my future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel a lot more motivated in my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that after attending the WSR workshop, I have a better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I ~~have~~ now have a better understanding on how to achieve my career goals.

4. Do you feel that this workshop has been useful?

Yes, I genuinly feel that this workshop has been useful in many ways. Especially in clarifing many of my doubts.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: RAMEEZA SALMAN, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company Aligarh Muslim University Address: Aligarh, (A.P.) India.

1. What motivated you to choose STEM subject?

A.1 Science has fascinated me ever since I started learning about it No wonder this subject makes me more & more curious about the phenomena taking place in this world. Basically, it was my curiosity and passion to seek knowledge about science and research that motivated me to choose STEM subject

2. What strategy do you follow for your study?

A 2) The only strategy I follow is to learn a new thing, reflect about it and just find answers to the doubts I develop. Interacting with peers and teachers always helps.

3. What is your career goal?

A 3). • To be a scientist and work for the betterment of this world.
• To be a philanthropist.

4. What is your expectation from this worksop?

A 4). It will make me clear as how to pursue my career of interest and develop a better understanding of science.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

My motivation almost doubled after this workshop with a more clear understanding of ~~as~~ how to pursue education abroad. It was a wonderful experience.

2. Do you feel that you have a better strategy for your study?

2) One thing that I learnt here like, ~~was~~ as undergraduate students, must start working on different research projects right now. We must explore more and more and I feel more oriented after this workshop.

3. Do you have a better understanding on how to achieve your career goal?

3) Absolutely, the efforts of all the teachers, to make our goals clear and give a better understanding of the world around, will certainly pay off. Insha'Allah.

4. Do you feel that this workshop has been useful?

4) Besides being useful, this workshop was a cheerful, adventerous and intellectual experience.

THE OHIO STATE UNIVERSITY — Women in STEM Readiness

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh,) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SAFOORA ZAFFAR, Subject: CHEMISTRY, Student✓/Teacher/Alumni

Institution/Company STUDENT, Address: women's college, Abdullah Hall, AMU, Aligarh, UP 202002.

1. What motivated you to choose STEM subject?

→ STEM is the best workshop for the female students. This is a great opportunity to pursue their degree in college through STEM ~~does workshop~~. This workshop will enable me to get knowledge about the studies abroad.

2. What strategy do you follow for your study?

→ I usually study every day. but it is obvious during exams I study for more hours. I prefer various books on addition to college lectures. I clears my doubts regarding any topic. I make short notes myself and practise objectives wherever needed.

3. What is your career goal?

→ I want to go in teaching profession. After ~~obtaining~~ achieving master's degree in my course, I will Insha-Allah go for some competitive exams and moreover will also go for UPSC.

4. What is your expectation from this worksop?

→ I hope this workshop will enhance my knowledge regarding the fields in which women lack behind so that in future I will keep up with such situation and will help me to get information regarding foreign studies and what are the fields which are best for

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Of course, if feel more motivated and will in-sha Allah study in STEM fields. I am planning to carry out my research abroad and STEM fields will be best to start for the same.

2. Do you feel that you have a better strategy for your study?

STEM workshop has helped me to change my strategy of study from now onwards. like keeping a specific time for specific study. and not planning to study but just opting it whenever my mind is free and always letting my mind to be free of excuses and not listening to naysayers

3. Do you have a better understanding on how to achieve your career goal?

Focused and specified will help me to achieve my goal as suggested by Dr. Pradhan and ~~lette~~ and understanding the abilities I have ~~and~~ pars keeping 2 hours from daily schedule for my science.

4. Do you feel that this workshop has been useful?

Yes, it has been useful to me. I came accross such great personalities. There were various doubts in my mind regarding how to choose my career and but this workshop has cleared them all.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Aanvah Rahman, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company Aligarh Muslim University Address: Women's College, AMU

1. What motivated you to choose STEM subject?

The intriguing facts of nature. Dry brown grasses getting green with rain. The protective reflexes, the blinking, the coughing, weeping on cutting onions. I always used to wonder why does my heart pounds on hearing good or bad messages. All these always facinates me. I want to explore all. My scienc teacher infused curiosity for revealing the truth behind these. The answer was to study science and its allied.

2. What strategy do you follow for your study?

→ I prefer to study a standard book ten times rather than studying ten books once.

→ Jotting down terminologies, definitions and formulas

→ Making simple algorithm and sketches to memorise in little time

3. What is your career goal?

I want to be a simple academician and scientist to make our life on this earth easy and meaningful. My goal is to simplify science to logical conclusions so that it benits one and all.

4. What is your expectation from this worksop?

I am looking forward to this workshop to unleash the hidden qualities and getting to know more about research. I expect to have group discussions and one to one interaction which will be fun. Spending a two days with experts in their field is already giving me an adrenaline rush. I want to know their journeys, challenges and paths to be followed for research abroad. I expect to gain few take home message on which we can ponder and utilize it to improve our study pattern.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

The intriguing facts of nature. Dry brown grasses getting green with rain. The protective reflexes, the blinking, the coughing, weeping on cutting onions. I always used to think why does my heart pounds on hearing good or bad messages. Pain - pleasure and their chemistry. All these always fascinates me. I want to explore all. My Science teacher infuse curiosity for revealing the truth behind these. The answer was to study Science and its allied. Yes definitely I feel more motivated to follow and explore STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes definitely I'll make reforms in study patterns like keeping content concise. I would like to imbibe visualizing contents and then recall them in free time.

I will adopt Read write Recall and Read again strategy.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I feel a step closer to my goal. The need of the hour is to be focused and work towards it.

4. Do you feel that this workshop has been useful?

This workshop has been a success for me as there has been a paradigm shift in me, I feel evolved in these two days. The program was highly motivating and all the information gained from experts will be surely put into use.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 09, Location (circle): (Aligarh) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Naushaba Yasmin, Subject: Life Science, Student/(Teacher)/Alumni

Institution/Company A.M.U. Girls School, Address: Girls School, Aligarh.

1. What motivated you to choose STEM subject?

2. What strategy do you follow for your study?

3. What is your career goal?

4. What is your expectation from this worksop?

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   Yes, I do.

2. Do you feel that you have a better strategy for your study?

   Yes, to study and transmit the knowledge to my students.

3. Do you have a better understanding on how to achieve your career goal?

   Yes, I feel motivated and encouraged.

4. Do you feel that this workshop has been useful?

   Extremly useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHAISTA QADRI, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company STUDENT / AMU, Address: ALIGARH MUSLIM UNIVERSITY, ALIGARH. UP, INDIA.

1. What motivated you to choose STEM subject?

Science has always been an answers to the most curious question that hits our mind every other second. This has builded up our curiousity to know more.

2. What strategy do you follow for your study?

My strategy ~~to~~ is not to become a book worm. Try to be active and experience everything you wish to and learn more practically.

3. What is your career goal?

My career goal is to get the practical knowledge of the subject i have. I would like to do masters in chemistry itself. I am a little diverse student. I've always been interested in management. I will try my best to use this quality in my stream.

4. What is your expectation from this worksop?

I expect to increase my interest towards science. To know about the opportunities we are unaware of, to choose a better way towards my goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Definitely !
I feel a lot more motivated than i was before attending this workshop. I would thank ~~Dr~~ Prof. Nahar, Prof Pradhan, Prof Irving & Prof Hague for making us aware about the opportunities we get and the way to US. My interest towards my goal is more clear now. Thank you STEM foundation for such a useful effort.

2. Do you feel that you have a better strategy for your study?

I Believe in being more Practical which is proved to be a better strategy. I just need to be more focussed and need to gain experience in my field and obviously need to work harder.

3. Do you have a better understanding on how to achieve your career goal?

I know my capability. I understand what i ~~need to do~~ suppose to persue after my graduation. Goal after that was not so clear before this workshop. Well, now i believe ~~to~~ I know which direction to choose.

4. Do you feel that this workshop has been useful?

This has been extremely useful. I regained interest in my subject. I've got the answers of many question i always had about ~~my~~ the carees possibility. Thank you to the STEM foundation for the motivation they gave.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh), Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ms. SAFIA SULTANA, Subject: Physics, Student/Teacher/Alumni

Institution/Company A.M.U GIRLS' SCHOOL, Address: LAL DIGGI ROAD A.M.U, ALIGARH.

1. What motivated you to choose STEM subject?

2. What strategy do you follow for your study?

3. What is your career goal?

4. What is your expectation from this worksop?

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, motivated to give guidance & encourage undergraduate students to study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes, the advancement in higher education and IT was made too clear & interesting.

3. Do you have a better understanding on how to achieve your career goal?

Yes the lectures were very informative & encouraged us to have better opportunity for jobs & higher education in USA.

4. Do you feel that this workshop has been useful?

Yes, it is found too useful for persuing higher education.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: YASHA TASMURI, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company Women's College, AMU Address: Street no.4 Ram Bagh Bhanoda

1. What motivated you to choose STEM subject?

One of the most attracting thing, I found about STEM was the motivation it gives especially to the females inorder to help them interact among themselves and to the society.
The second most important thing I feel is the idea to discuss science not as a subject but as a means to explore ones ideas and send them to the society by being an eminent researcher in ones career.

2. What strategy do you follow for your study?

I follow the idea of studying smartly.
An idea of conceptual study always helped me to achieve the highest. Because I believe if I have the clearity for the subject, I can answer all the questions that raise not only in my mind but in anyone's mind in particular.

3. What is your career goal?

My career goal is to become an eminent scientist.
I want to communicate science with everyone.
As a youth I believe in exploring various daily life phenomenon and study them in detail.
I believe in "Be like one you needed the most when you were young".

4. What is your expectation from this worksop?

I expect an amazing interactive session in this workshop that will help me to know the ideology of another country and we may also clear mine with regard to science and conceptual study method. I would like to grab more ideas from it that will help in

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, definitely I feel not only motivated but even more excited about my field of subject for future perspective. The lectures ~~are~~ were really productive for me.

2. Do you feel that you have a better strategy for your study?

Now, I feel that I have a better strategy for studying smartly. The two hour focus & program has helped me alot to plan things according to ~~the~~ my future goals.

3. Do you have a better understanding on how to achieve your career goal?

Yes, Now I feel that I have finally understood ~~an~~ about my field of focus and interests. The GRE, ~~and~~ TOEFL and IELTS exam patterns and selection are more clear to me. Basically the idea of my research in future looks a more crystally clear than before.

4. Do you feel that this workshop has been useful?

Yes, Exactly and Obviously the workshop has been very useful for me. WSR is an amazing program. And I look more forward towards getting joined with ~~the~~ my degree plans in USA ~~and~~ or get in

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AAKRITI SHUKLA, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company AMU (Women's College), Address: Mansi road, Aligarh

1. What motivated you to choose STEM subject?

The most important reason for me behind choosing chemistry as my subject was that I was always find the scientific discoveries fascinating from a very small age. I prepared for medical exam which due to some reasons I couldnot qualify. Therefore, I focused on the fields which will link me with science and technology. And now STEM is an ultimate source which will help me out.

2. What strategy do you follow for your study?

Irrespective of college days, holidays or any other occasion, I make sure that I have to make time for my studies each day even for few hours. On a regular basis, I set short-term goals for myself and try to achieve them. I like to out do myself in my academics. Study is the most central point which comes in my comfort zone.

3. What is your career goal?

My main focus is to get in the field of scientific research and become a scientist or researcher so that I can use my knowledge in order to help mankind. The goal, at present is clear but the path to achieve is blur. So, that is what I have to find out.

4. What is your expectation from this worksop?

My expectations are a lot as I hope that this workshop will help me gain a perspective for my further studies and give me a clear vision for 1 how to achieve my goal and acknowledge me with the best learning process.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. Definitely I'm more confident about my choice in science field of study.

2. Do you feel that you have a better strategy for your study?

Yes. I think now I can make a clear, stronger plan to pursue my goal

3. Do you have a better understanding on how to achieve your career goal?

Yes. The workshop helped me to know about the process. The path to the goal is now clear.

4. Do you feel that this workshop has been useful?

Yes. It was useful in many ways. It gave me a new confidence that now that I know things, I can achieve them.

Thank you!!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more ~~motivated~~ because STEM is such a diverse field which gives us more opportunities help in various ways to enhance ~~the~~ knowledge, ~~skills~~. and helps us in ~~the betterment~~ of our future.

2. Do you feel that you have a better strategy for your study?

Yes I feel that I have a ~~better~~ ~~strategy~~ for my ~~study~~ ~~but~~ I wanted to make it improve so that I can give more.

3. Do you have a better understanding on how to achieve your career goal?

I don't have ~~better~~ understanding I try to make decision what to do ~~I~~ next ~~but~~ I get distracted by knowing different Profession, I ~~wanted~~ myself to get ~~stick~~ towards a particular thing which actually helps me to reach towards my goal

4. Do you feel that this workshop has been useful?

~~Definitely~~ this workshop has been useful because I got to know so many new things related to pursuing ~~studies~~ in Abroad, that how should apply in different Universities, what should be the Criteria, what are the different opportunities and many more.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: IQRA SUBHAN, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company WOMEN'S COLLEGE AMU, Address: 62, GHANDANIA HOUSE SAMAD ROAD

1. What motivated you to choose STEM subject?

It's actually a new thing for us and it is basically related with women empowerment which actually motivated a lot to choose STEM subject

2. What strategy do you follow for your study?

I always try to give my best, I do hardwork as much as I can, I do studies not to just mug up but to learn something from it.

3. What is your career goal?

My career goal is to be an Professor. Teaching is my passion and I want the people to get educate, if I'll get the chance I make a school for those children who are financially poor.

4. What is your expectation from this worksop?

I wanted to clear that how I reached towards my goal.

THE OHIO STATE UNIVERSITY | Women in STEM Leadership

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: DIVYA, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company AMU, WOMEN'S COLLEGE Address: MARIS ROAD, ALIGARH

1. What motivated you to choose STEM subject?

I was just interested into research activities as I used to watch some movies, forensic approach.
Still if something makes me awestruck, it is the detailed study of all processes, how we survive. How actually man evolved, still surprises me. All this can be acknowledged by studying these technologies, so here I am.

2. What strategy do you follow for your study?

I just want to be aware of each and all from minor to major aspects of particular subject I'm interested in.
If I want to know something, I will not hesitate in asking questions or even I'll be welcoming anyone who gives me the knowledge. Once I what I decide, I just complete it within the time I've already set for myself. These small-daily-activities keep me activated.

3. What is your career goal?

I want to pursue detailed study in my field of interest, for which I want to go abroad as to get the required technologies and surveys. I want to get near perfect in my course of study so that I can help others as well. I want serve my nation to my best.

4. What is your expectation from this worksop?

I'm hoping for inspiration and looking for motivation.
I want to get positivity and I know I will.
This will definitely help me to explore myself.
And yes I'm so much excited.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, for sure. When I got to know that I have so many opportunities in my field of interest about which I was not aware, made me motivated and this actually gave me more fields.

2. Do you feel that you have a better strategy for your study?

Yes, now I ~~was~~ know what steps I have to take, how should I apply, ~~to~~ whom I should contact. Now I can plan accordingly and work for it in a systemic way.

3. Do you have a better understanding on how to achieve your career goal?

For sure, as now I can see my pathway, how to achieve my goal, I know all spheres of information I require and I will search for more, so, yes now I have a better understanding.

4. Do you feel that this workshop has been useful?

Definitely. I always wanted to know about GRE, education in abroad but never had enough information. This provided me with exact knowledge, & key points so I can work accordingly.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: FALAK FAIZ, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company A.M.U, Address: Women's college, AMU, Aligarh

1. What motivated you to choose STEM subject?

The fact that motivated me to choose STEM subject because science helps us to solve the impossible things. Great invention, technologies that inspires me more to choose science: choosing this stream help me a lot. It some times help me in understanding the world. As without science, nowdays nothing possible.

2. What strategy do you follow for your study?

Hardwork is the most important thing with patience. concentration is more necessary than anything. Do Hardwork achieve Everything. Patience is most very important because in my life I came across failure. but this hardwork, let us to be again in race. with concentration

3. What is your career goal?

I want to be a great scientist and invent something that can help in developing our world. I want to be a Great women who can change the thinking of the today so-called men society who thinks that women's cannot do anything.

4. What is your expectation from this worksop?

I want to know about the Education in U.S and want to experience and study in U.S.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated by choosing STEM fields more because at some time, I feel changing my stream but now there is no option of changing STEM.

2. Do you feel that you have a better strategy for your study?

Yes, I feel I should have a some better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I learnt many thing and understand things which make my career goal clear and make a way to go thorugh it.

4. Do you feel that this workshop has been useful?

Yes, this workshop is very useful. I have learnt many ~~thing~~ new things from this workshop. got a know a way to study higher education at foreign countries knowing about the procedures, scholarships etc. ~~and also it~~

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: HERA TALEEN, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company Student, Address: Women's College Abdullah Hall, AMU, Aligarh, 202002

1. What motivated you to choose STEM subject?

I came to know that this "Women in Stem Roadshow" kind of workshop is going to be held for the first time in Aligarh and it will help me to know regarding the opportunities of Science & Technology and of higher studies especially for women in abroad. So, these are the things which motivated me to choose STEM subject.

2. What strategy do you follow for your study?

I think if we co-relate the academic studies with something which actually gives us pleasure makes the study easier. I think everyone enjoy music, and so being a chemistry student, memorising of periodic table etc creates difficulty for me. So, I used to watch various channels on youtube especially "acapella science" which help me in memorising various science and mathematical concept. I think instead of just learning if a student understands the concept and then memorises then it will be 100% fruitful for them.

3. What is your career goal?

Right now, I am pursuing B.Sc in chemistry. As per career goal is concerned, I want to be a Civil Servant in Future to serve the nation.

4. What is your expectation from this worksop?

I think this workshop would be helpful for me in enhancing my personality and to learn a lot from our delegates. And their inspiring stories/lectures help makes me motivated to focus on my goal and achieving it.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes ofcourse. Now, after interacting with you people I am feeling much more motivated than ever before. Now, I am able to understand the actual meaning of STEM. And insha allah I'll try to direct my goals, to focus and will work on it from today itself.

2. Do you feel that you have a better strategy for your study?

Yeah! As Prof. Sultana Nahar has told yesterday that if you get saturated after at a certain period of time or you can't able to focus on your studies, then, just leave everything for a while, go for something you actually love to do and then just after it sit down to your studies with fresh mind. I've tried this and honestly speaking it is ~~was~~ proves very helpful for me to concentrate.

3. Do you have a better understanding on how to achieve your career goal?

Yes. A lot of things get cleared, ~~so~~ Now, I have better understanding to pursue masters first and then to go for higher studies.

4. Do you feel that this workshop has been useful?

Yes. This workshop is a boon for all of us. It is

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MAHA KHAN, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company A.M.U., Address: Women's College, AMU, Aligarh

1. What motivated you to choose STEM subject?

A. The fact that Science helps us to unsolve the mysteries of the world encouraged me to choose STEM as my subject.

2. What strategy do you follow for your study?

A. Practice and Patience. These two words together result in Perfection and Success, something that we all aim for. I make sure to stay persistent in my efforts throughout the study plan.

3. What is your career goal?

A. I want to be at such a position that I motivate others with my words and others take my life as an example of what a successful and happy life should be like. I do not know the exact path to it, but I do know my destination.

4. What is your expectation from this worksop?

A. I do expect to learn a lot about the educational opportunities available in the U.S. for female students related to the STEM subject.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

A. Yes, I do feel motivated after attending the workshop. In fact I am sure that I won't be leaving the STEM field ever in the future.

2. Do you feel that you have a better strategy for your study?

A. Yes, the pathway to success is ~~clear~~ is clear enough now, the only thing left to do is work.

3. Do you have a better understanding on how to achieve your career goal?

A. Yes, things are more clear to me now than they were ever before. Applying to a U.S. university seems possible now and so does achieving my goal.

4. Do you feel that this workshop has been useful?

A. Yes, the 2-days workshop was informative and useful enough.

THE OHIO STATE UNIVERSITY | Women in STEM Research Show

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHARIYA YUSUF, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company WOMEN'S COLLEGE, AMU, Address: MARRIS ROAD, ALIGARH

1. What motivated you to choose STEM subject?

The most important thing is that I have never taken part in any workshop. And of course, it is a subject rather than my main subject so, I was very interested to take part for this subject.

2. What strategy do you follow for your study?

Apart from my college hours, I study the subject taught in the college and revise it; also I have to prepare for the entrance exam so I do study for the exams and also do studies in some story books and news.

3. What is your career goal?

My career goal is to become a good professor in my subject and inspire the students with my motivation.

4. What is your expectation from this worksop?

I expect from this workshop, the way we have to prepare for abroad studies and qualify the examination for abroad studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, definitely. I am very much motivated and very much excited to choose STEM for my further higher studies and achieve my goal.

2. Do you feel that you have a better strategy for your study?

Yes. I have got so many ideas for GRE, TOEFL, IELTS and further studies in the US.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I was very confused and ~~for~~ stressed before. But now I have many good ideas for achieving my goals.

4. Do you feel that this workshop has been useful?

Yes. This workshop helped me to choose better options for my further studies and gave many ideas and knowledge about my studies abroad. and now I am very excited.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: HIRA AHMAD, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company Women's College A.M.U, Address: A/B-33 Medical Colony A.M.U.

1. What motivated you to choose STEM subject?

It was a new kind of workshop especially in science and that too for women so it really attracted me to choose STEM workshop and science really attracts me and I am quite curious to know about different things that's why I ~~choose~~ chose STEM subject.

2. What strategy do you follow for your study?

I try to understand the things rather than mugging up things and I do give a thorough reading of my subject to get the insight knowledge.

3. What is your career goal?

Frankly I am still wondering whether to be in Teaching or take Research as full time career. I have a passion for teaching so I am slightly inclined towards being a teacher.

4. What is your expectation from this worksop?

I am expecting that my doubts about my career what to do next would be clear and what opportunities I have in USA for my studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. It is such a diverse field which is offering a lot of opportunities for my career. I feel very excited.

2. Do you feel that you have a better strategy for your study?

Yes, I know better now, where to dedicate my time and how much for effective studying.

3. Do you have a better understanding on how to achieve your career goal?

Yes. Now it is much more clear now where to study for my higher classes, what I need to have to be selected in good foreign university.

4. Do you feel that this workshop has been useful?

Yes, it has been extremely useful. I am much more clear now about my career. WSR is an excellent opportunity for women and I am extremely happy that

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): (Aligarh), Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AZRA KHAN, Subject: PHYSICS (Student)/Teacher/Alumni

Institution/Company Aligarh Muslim University, Address: Kela Nagar, Aligarh

1. What motivated you to choose STEM subject?

STEM was actualy explained by my Physics teacher this She told me so much about, that I was really impressed by her. More optly I am always fond of going abroad for my further studies in the field of research etc.

2. What strategy do you follow for your study?

I prefer doing active study. Always studying is not a active study. studying less but with proper agenda can be very beneficial. I study less but with proper Concentration which is sufficient for my b.sc level.

3. What is your career goal?

My career goal is to become to good Physics Proffesor.

4. What is your expectation from this worksop?

This workshop according to me should broaden my knowledge and help in planning my Carrier options.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I feel more motivated. This has make me realised that I have many options for my carriers.

2. Do you feel that you have a better strategy for your study?

Yes I do have a better strategy for my studies. Active studies are very benificial, which help you chosing your right carrier.

3. Do you have a better understanding on how to achieve your career goal?

I have understood how to achieve my career goals. There are many opportunities available for my carrier planning and this workshop is really benificial for knowing about the carrier & Goals.

4. Do you feel that this workshop has been useful?

This workshop is really amazing and shows the beautiful journey of life which we can go through. This workshop will help in my future studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: INSHA AKBAR, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company Womens College AMU Address: Marsis Road Aligarh AMU (202002)

1. What motivated you to choose STEM subject?

I had not participated in any workshop till date. The ways the guest gave their lectures, presented their research work & their mode of guidance motivated me to join this.

2. What strategy do you follow for your study?

Apart from college hour, I often study my subject related books & use youtube, google etc to enhance my knowledge in my respective subject.

3. What is your career goal?

I want to perceive my higher studies in any prestigious institute. Want to do research as chemist. & want to do something unique for the society.

4. What is your expectation from this worksop?

Through this workshop I will get to know how to enroll myself in abroad universities; come to know about competition at global level.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Absolutely much more motivated in choice of study in STEM fields. The lecture of guests who truely are much experienced, talented taught me & motivated me to go for abroad studies & to research in my field at my early age of graduation.

2. Do you feel that you have a better strategy for your study?

Absolutely, I have better strategy for my study. I have now got an idea how to prepare for my goal, study in abroad & to do research at my extreme early age.

3. Do you have a better understanding on how to achieve your career goal?

After attending this workshop I rather came to know how to achieve my career goal. In my opinion through this workshop it seems my path to achieve my goals has been paved now & I only have to work hard to furnish these goals.

4. Do you feel that this workshop has been useful?

Absolutely this has been much more useful, beneficial to all the students participating in this.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 09, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: TUBA ANJUM USMANI, Subject: BIOCHEMISTRY Student/Teacher/Alumni

Institution/Company WOMENS COLLEGE, AMU, Address: WOMENS COLLEGE, AMU ALIGARH

1. What motivated you to choose STEM subject?

My passion is my motivation. I have a huge interest in learning science especially in the field of biology and thereby I have opted the STEM subject.

2. What strategy do you follow for your study?

- I set my goals and structure the time accordingly.
- I try to understand things logically.
- If I learned something new or any topic whether it is related to our course or some social stuffs, then to let my mind retain these stuffs, I just try to explain it to my friends and family members and that works pretty well.

3. What is your career goal?

I aspire to become a researcher at a reputed University where I can conduct multiple research activities on diseases that will contribute to improve quality of life in humans.

4. What is your expectation from this worksop?

I have a very great expectation from this workshop. I think this workshop can transform my dreams into reality.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, ofcousse I got a lot of encouragement after attending this workshop. I think, from this very time, I have a very clear vision of my dreams and I have got so much information about how to persue my dreams.

2. Do you feel that you have a better strategy for your study?

yes, I really think so. I would now try to be more indulged in what is happening across the world in my field of interest that is in biochemistry.

3. Do you have a better understanding on how to achieve your career goal?

yes. I have a very clear vision of my goals and about how to persue them. Through this STEM workshop I came to know a lot of new things which I haven't ever aware of. Now I will try to excel more in my studies to pursue my dream career.

4. Do you feel that this workshop has been useful?

This workshop proved to very useful for me as it has given me some technical knowledge about my career and through this workshop I came to know a lot of future options of career that I wanted to get in. Thank you so much.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: YESHFEEN SHERWANI, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company WOMEN'S COLLEGE, Address: 41528, STREET NUMBER 03
ALAM BAGH BHANOLA ALIGARH

1. What motivated you to choose STEM subject?

The word 'STEM' itself motivated me, i.e. Scientt Technology, Engineering Mathematics, What else a science student wants, except this. This world is revolving around the science or where there is a small particle or a huge earth, anything biological, non biological comes under the feild of Science. I am here, the purpose for what i am here can be explained in the light of Science.

2. What strategy do you follow for your study?

Just learn, gain knowledge, and explore. And spread what you have learned to your community. Because according to WHO "Health is a state of complete physical, mental and social well being" And in another defination it is Mental health is being able to cope up with normal stress of life and to work productive and fruitfully and to be able to contribute to your community.

3. What is your career goal?

I want to be a learner, and want to be a very knowledgeable person, and to be able to serve my community

4. What is your expectation from this worksop?

Another experience, lot's of motivation and some knowledge.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Never felt like this before. I was always fascinated to see Science working on me, but now i want feel depth of it. I just want to thank almighty and my teachers and parents for giving me this opportunity.

2. Do you feel that you have a better strategy for your study?

I had, but now even better, just 'one step ahead', now i am looking forward for a better tommorow, because i have a better today (Alhamdulillah)
"Do not hesitate to show your weakness because that's what will make you better"

3. Do you have a better understanding on how to achieve your career goal?

Yes, It's a huge change in me after attending this workshop. I never felt that much better, Prof. Karen, Prof. Anil Pradhan, Prof. Farrukh, they gave me a clear vision to look forward for my dreams and goals.

4. Do you feel that this workshop has been useful?

I am very happy that esmat madam called me, gave me an opportunity to attend this workshop. I am extremely thankfull to her.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Nishi Goyal, Subject: Zoology, Student/Teacher/Alumni

Institution/Company Women's College, AMU, Address: Anoopshahar Road, Mein Market Tarnan, Aligarh

1. What motivated you to choose STEM subject?

The first and most important thing that motivated me to choose STEM was that it is for the betterment of women and to encourage them for further studies. It is a fusion of new techniques in the field of biology which is a need of modern world. It is related to research field and not just to read theories which also made me interested towards this. There are many experts from all around the world, from time can learn a lot from them. It is really a good platform to learn and to explore yourself.

2. What strategy do you follow for your study?

My simple strategy for my studies is to understand the things as much as I can so instead of mugging the things. I make my schedule which is a very important part of any task of our life and just follow that. I discuss the topic with my friends as well which also help us to retain the things more longer and can remove our doubts.

3. What is your career goal?

My career goal is to explore more and more new things around the world. I want to go in research field and so especially in wildlife research field which has lots of information to get and is very adventurous too.

4. What is your expectation from this worksop?

I want to learn the things which I don't know before. I have a habit of exploring the new things and learning the new things so I think this is a golden opportunity to fulfill my dreams. I don't have any guidance for my further plans so this workshop will help me to guide me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, after listening to all the experts and researches, I am highly motivated and impressed to study in STEM fields. It really helps me to learn a lot about the future courses and to achieve my future goals. A true motivation is very important in a student's life to guide her/him, and I think this STEM workshop has really worked me in that.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have a better strategy for my study as I am very much clear about my future goals and I think I am on the right path.

3. Do you have a better understanding on how to achieve your career goal?

Yes, my career goals are very much clear. I want to go in the field of research, after completing my masters from a renowned University.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been really useful to me. It really helped me to gain new knowledge about different subjects like astrobiology which I didn't know before. It also told us about the GRE and how to prepare for it. So it was worth attending.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Suhaima Safdar, Subject: Zoology Student/Teacher/Alumni

Institution/Company Women's College, AMU Address: Street no. 2, Fort enclave, Aligarh

1. What motivated you to choose STEM subject?

The collaboration between Ohio state University and Aligarh Muslim University attracted me to choose this STEM subject. It was my dream since childhood to meet the people from US university, so that I may get some link to study abroad & I am sure i will get some help from this workshop. STEM will also help me how to express my views.

2. What strategy do you follow for your study?

I follow and I believe that first there should be a research & then there should be discussion to understand a topic well. I also follow this strategy that first I discuss topics with my colleagues & then I do some homework on that topic.

3. What is your career goal?

As I am a student of B.Sc (Zoology), & the day I got admission, I decided to become Professer in central University or some foreign university. And then will serve the next generation.

4. What is your expectation from this worksop?

I am very much excited for this workshop & I have full faith that I will get a good exposure here, will get help how to express myself and will also get some link about how to study abroad & benefits related to studying abroad.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I felt highly motivated for selecting STEM fields. I came across the scopes of science, maths, physics in US. And now I am hopeful that I will get admission in some US university through the methods which these experts told me

2. Do you feel that you have a better strategy for your study?

Sultana Nahar ma'am told us about how to study science. She said that spend two hours daily for science intellectual so that the brain develops in a scientific way. So will try to adopt that strategy also besides my strategy.

3. Do you have a better understanding on how to achieve your career goal?

Yes, got a great help about how to achieve the career goals. They did a great counselling. Everybody was so helping & told us a lot about the scopes of studying in US for a better future.

4. Do you feel that this workshop has been useful?

Yes, this workshop was highly useful as we got to know a lot about the difference between our university & US universities. Sultana ma'am, Nasreen ma'am & Irving ma'am told us about their stories i.e. education background & they are my role models now.

THE OHIO STATE UNIVERSITY | Women in STEM Workshop

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: ARSHI ARIF, Subject: ~~STUD~~ X, (Student)/Teacher/Alumni

Institution/Company STUDENT, Address: A6, REHMAN APARTMENT, DODHPUR, ALIGARH

1. What motivated you to choose STEM subject?

The first reason is that it is for women, and since science has always been one of my favourite subject. The other reason is to gain knowledge about something new. And I want to know more about science subjects.

2. What strategy do you follow for your study?

Study can only be done effectively when one is filled by passion and dedication. I always used to make a time table first that what I'm going to study for a particular day or a week. Then I use to organise my study material. I don't use to take a no. of book but instead of that I take one book and try to gain the basic knowledge first. I don't rush to complete my syllabus but and instead study conceptually.

3. What is your career goal?

Although science is one of my favourite subject but I want to become a successful CA. Apart from this I also want to an event manager.

4. What is your expectation from this worksop?

I expect that this workshop is going give me more knowledge about science subjects, since I'm interested in science subjects. And also expect to get more motivated to succeed in life.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. Particularly in Maths field and physics.

2. Do you feel that you have a better strategy for your study?

As the professors have said that we need a detachment for our studies. So I think this is going to work. Detachment is one of the strategy which I need to adopt.

3. Do you have a better understanding on how to achieve your career goal?

For achievement of my career goal, I need to get a little detachment and work more hard than before. And there are various programmes that we can apply for.

4. Do you feel that this workshop has been useful?

Yes this workshop was useful to me I have get to know more about scienc subjects and a better knowledge about my career opportunities

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: RAHMATI KHATOON, Subject: MATHS., Student/Teacher/Alumni

Institution/Company WOMEN'S COLLEGE, AMU, Address: TW-(U) HOSTEL, ABDULLAH HALL, AMU.

1. What motivated you to choose STEM subject?

STEM promotes women's participation largely and this was the main reason behind choosing it. I heard about it through my friend, she messaged me the abouts. The 1st line was "about to promote minority and disadvantaged women, and at the moment I agree.

2. What strategy do you follow for your study?

I believe in smart study. I think one should not study all the times, be bookworm. Hard work is necessary and regularity is also important. Our goal should be before our eyes everytime. I do not believe in 10 yrs future plans because things do not go as we think.

3. What is your career goal?

I have not make plans for future but my two-year plan includes Msc. from Maths, then either persue in this field or to prepare for competitive exams.

4. What is your expectation from this worksop?

I expect it to prepare women and girls for future, strengthen them to speak up and sparkle wherever they go.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I am very inspired for higher studies i.e. persuing my Msc. / Phd. in Mathematics abroad. Now, I have gotten the right path.

2. Do you feel that you have a better strategy for your study?

Yes, I have somewhat better strategy for studies in US, as I need to qualify GRE / TOFFL etc. which is basically English Proficiency Test in which I can do better. It has opened up my mind.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have understood a lot of things on how to qualify exams, where to go etc. for research work.

4. Do you feel that this workshop has been useful?

Yes, it has been very useful. It has lightened me to achieve more in this field as I was feeling demotivated since last 2 years of my Bsc.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NIDA Khan, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company Women's college (A.M.U), Address: ~~HAMZAH COLONY ALIGARH~~ MARRIS ROAD AMU ALIGARH

1. What motivated you to choose STEM subject?

As it is related to Science and foreign studies and it ecourages women empowerment.

2. What strategy do you follow for your study?

My strategy is to gain knowledge and I believe in hard work.

3. What is your career goal?

I want to become Research scholar ~~from~~ in the field of organic chemistry.

4. What is your expectation from this worksop?

My expectation from this workshop is that it give motivation and encourages us for our further studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel much more motivated than I expected. and now I am more focused towards my career.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have better strategy ~~than bef~~ for study than before. ~~And afte~~

3. Do you have a better understanding on how to achieve your career goal?

Yes, After attending this workshop my vision is clear for my career goals.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been useful for me. This workshop definately going to help me in future. I have learned many things from this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AISHA NAZ, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company Women's College, AMU, Address: Mareish Road Aligarh,

1. What motivated you to choose STEM subject?

This workshop which is organising in our college is to motivate the women for choosing their best academic level after their graduation. This workshop is about the women empowerment through which we can erase our fearness, inability to talk among audience. They help us to remove our confusion of choosing the best field in academic level not only in this university but also in abroad.

2. What strategy do you follow for your study?

I generally follow the strategy of study to learn with dedication and with fun so that I cannot get bored. I believed in hardwork.

3. What is your career goal?

I want to become professor / lecturer this is my passion so that I would tell my student to be very courageous about their knowledge.

4. What is your expectation from this worksop?

I would get opportunities for abroad studied

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated. Before this workshop I was little bit confuse about my abroad studies after graduation but I really get clear platform for my abroad studies after attending this workshop

2. Do you feel that you have a better strategy for your study?

Yes, I get a better strategy for my study. Many entrance examination I get to knows about from this workshop and it would really help me alot

3. Do you have a better understanding on how to achieve your career goal?

Yes, I am very clear about my career goal. Workshop helps us alot about our goal to clear.

4. Do you feel that this workshop has been useful?

Yes. This is very useful for me, Befor this workshop I was very confuse but not I am clear about my studies after graduation.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHUMAIZA ASIF, Subject: BSC 2nd year (Student)/Teacher/Alumni

Institution/Company Student, Address: TW(G) hostel, room no-03

1. What motivated you to choose STEM subject?

I am in a STEM subject (science). The main motivation is that everything you do or learn in a STEM subject has a theoritical as well as practical aspects. This practical aspect has really motivated me as what we theoritically learn can apply to our lives. This can enable us to discover new things in universe and its impact on the people lives.

2. What strategy do you follow for your study?

science is a very diverse subject. As to get into its depth a lot of concentration is required. The strategy I usually apply to get a complete knowledge of what my teachor teaches in class. I search in books and surf internet to get my concepts clear. Moreover, until and unless I get a complete knowledge of topic I study, I do not leave it in between.

3. What is your career goal?

My career goal is to be a research scholar and to innovate new ideas. Through research I can make new discoveries in the field of science ~~are~~ through which the future generation will benefit. Though this career need a lot of patience and preserverance

4. What is your expectation from this worksop?

This worshop as the name suggests women coming up forward in different fields. I am looking forward to know more about my carteer goals and also to get a clear picture how to persue or what steps need to be taken to achieve my goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, this workshop has boosted me up and motivated me to study in STEM field. Various new programs ~~and~~ awareness has been made.
I came across many new ideas to pursue my further career in STEM fields.

2. Do you feel that you have a better strategy for your study?

Through this workshop I feel more motivated and have a clear picture of my goal. Different strategies were mentioned in the workshop and came across new programs which will genuinely help me out in future.

3. Do you have a better understanding on how to achieve your career goal?

Yes, through the workshop, I am now more focussed about my goal. I am able to see my area of work rather than getting distracted by various option. To achieve my goal, now I have become more specific and focussed.

4. Do you feel that this workshop has been useful?

This workshop was an eye opener to me. We usually do not have such workshops where interactive sessions are held and so no focus is given to the goal. But this workshop really benefits me as it showed many new doors to pursue my

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Faiqua Haque, Subject: Zoology, Student/Teacher/Alumni

Institution/Company Women's College, Address: H-No 4/93, Ferdous Nagar Near AMU Gas Godown, Aligarh

1. What motivated you to choose STEM subject?

→ My keen interest in studying and gaining information
→ regarding living organisms particularly to study the physiology of human being and to know much more about the processes in living organism motivated me to choose
→ STEM subject.

2. What strategy do you follow for your study?

→ I believe in qualitative study rather than quantitative, for this I adopt
- to do hard work-
- to search out new and knowledgable informations from our prescribed books and by internet.
- I also used to write some striking points in my notebook inorder to memorise it for long.

3. What is your career goal?

→ I just wanted to be a successful person or I should say I ~~wish~~ ~~want~~ to ~~be a~~ end up being successful ~~professor~~ teacher.
→ Also wish to do something to 'empower women' ~~as well~~.
→ Wish to do something for betterment of women.

4. What is your expectation from this worksop?

→ I hope it will help me to find my pathway in better way.
→ Also help me out regarding ~~by~~ my queries for abroad study.
→ Hope, it will give me new strategies for pursuing my future teaching in better way.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

→ Yes, for a the reason we got to know wide scopes, fields and career opportunities regarding our subject.

2. Do you feel that you have a better strategy for your study?

→ Yes, the way they provide us with ideas helped us ~~alot~~ a lot to adopt ~~better~~ strategy.

3. Do you have a better understanding on how to achieve your career goal?

→ For a sure, yes, as we have been told ~~by so many~~ regarding GRE, TOEFL and many other courses including undergraduate research projects which definitely helped us to have a better understanding on how to achieve our career goals.

4. Do you feel that this workshop has been useful?

Again with pride I should say 'Yes'. It has been very useful for us as it cleared so many problems which we probably ~~are~~ will ~~would~~ have to face in future in we wouldn't ~~got~~ got the opportunity to attend it.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, much more than I expected as our mentors were so good. and I feel much more focused to my career than I was before this workshop.

2. Do you feel that you have a better strategy for your study?

Yes, & I got the better vision and strategy after doing the workshop under best mentors and teachers. and it really helped me alot.

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I am very clear about my career goals after this workshop and all thanks to the mentors for giving us the best advice for our career.

4. Do you feel that this workshop has been useful?

Yes, I am every encouraged for abroad studies and I got to know about different fields in Science and Technology which is very useful for us to apply in different fields. and it gives a better vision to decide my career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9th, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sumayya Khan, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company Women's college, AMU, Address: Marris Road, Aligarh

1. What motivated you to choose STEM subject?

As it encourages women empowerment and encourages women to be free and express their feelings and give them the opportunity to study abroad which they ~~in~~ normally don't get.

2. What strategy do you follow for your study?

I believe that we should understand ~~it~~ the topic that we are studying and take interest in it not take it as a load and I believe in hardwork. and in gaining knowledge from every source I can.

3. What is your career goal?

I want to become a lecturer and to ~~xxx~~ enlighten the students with the knowledge I have.

4. What is your expectation from this worksop?

I expect that it would expose us and encourage us to study abroad and ~~xxxx~~ we will be able to express ourselves. As we want our career to be bright ~~xx~~ this workshop will help us for sure.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh), Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: POOJAL VARSHNEY, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company WOMEN'S COLLEGE, AMU, Address: VISHAN CHAND YOGESH KUMAR KANWARI GANJ, ALIGARH

1. What motivated you to choose STEM subject?

I have interest in Science, and as one of the subject of this workshop is Science, so I got motivated to choose it to enhance my knowledge for further studies.

2. What strategy do you follow for your study?

I used to study 5-6 hours daily but there is not any such strategy behind that.

3. What is your career goal?

I want to do something big in my life related to my subject, ZOOLOGY but I am not getting any proper direction for that.

4. What is your expectation from this worksop?

I hope that this workshop provides me proper direction towards my goal so that I can do good in my life.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do. This workshop made be more enthusiastic and motivated in my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

I feel now I have to be a very planned towards my studies. Moreover, I have to manage each and everything in my life and now I have to plan a better strategy for my studies.

3. Do you have a better understanding on how to achieve your career goal?

Yes. This workshop really made me understood that we should have a particular career goal and we have the ways to achieve it but it just depends on ours hardwork.

4. Do you feel that this workshop has been useful?

This workshop is really very useful, helpful and effective. It motivated me a lot to have a particular aim in my life and the ways to achieve it.

THE OHIO STATE UNIVERSITY — Women in STEM Knowledge

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SIDRA ISHRAT, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/~~Company~~ ALIGARH MUSLIM UNIVERSITY Address: TURKMAN GATE, ALIGARH

1. What motivated you to choose STEM subject?

Because it was my field of interest and I want to persue my career in this. And it is for women so I choose this

2. What strategy do you follow for your study?

Basically, I donot follow any strategy, but I use to study about 6-8 hours daily. And ~~I use~~ refer many books for my studies.

3. What is your career goal?

I want to become a professor or Scientist and I want to study and teach in abroad.

4. What is your expectation from this worksop?

I believe that I will get an exposure for my skills and this will have a positive act for my life and it will give alot of information related to my studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated and I hope am happy that I take part in this workshop and feel very honoured to be the part of this.

2. Do you feel that you have a better strategy for your study?

Yes. now I feel I have a better stralegy for my studies and I will manage everything and I will be more focused towards my studies and Insha'Allah one day I'll achieve my goal and that time is not so far.

3. Do you have a better understanding on how to achieve your career goal?

Definitely, now I get alot of infomation and I am more clarified about my goal.

4. Do you feel that this workshop has been useful?

Definitely yes, this workshop is very useful and one day I also want to be the part of this and want to help other women's in future so that they can get the education.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: DR. ESMAT LAIQ, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company AMU (Women's College AMU), Address: Assistant Professor Chemistry-section Women's College AMU.

1. What motivated you to choose STEM subject?

2. What strategy do you follow for your study?

3. What is your career goal?

4. What is your expectation from this worksop?

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, As a mentor for these students I feel is workshop will help these students a lot- in pursuing STEM fields.

2. Do you feel that you have a better strategy for your study?

Now, after attending this workshop the students can plan out in a proper way

3. Do you have a better understanding on how to achieve your career goal?

Yes, Being a teacher (Assistant Professor) my aim of attending STEM and getting a good goal in future is now more clear.

4. Do you feel that this workshop has been useful?

Very Much.
I thank You, people for organizing here in women's college AMU.
It is useful for all of us.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: IFRAH FARID, Subject: Biochemistry, Student/~~Teacher~~/~~Alumni~~

Institution/~~Company~~ AMU, Address: 4/770 H, Mehak Street, Behind II Petrol Pump, Anoopshehr Road, Aligarh

1. What motivated you to choose STEM subject?

Motivation for choosing STEM subject comes from the genuine interest developed in the subjects from an early stage. Also these subjects are considered highly valuable in the society so that factor also played a major role in my ~~our~~ decision for choosing these subjects.

2. What strategy do you follow for your study?

Attending the class lectures and taking notes in the class. Then studying those topics from different books and making our own notes. That's it at this level. ☺ It will become more complex as I level up.

3. What is your career goal?

I like studying my subjects and knowing more about it but there is no definite career goal I have. That is something I am also really worried about. I don't have direction which is something I really ~~want~~ need.

4. What is your expectation from this worksop?

The most basic and my only expectation is that I get a direction and much more motivation for my career. Further, I expect to get exposure to different options of career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I definitely feel much more motivated in my choice of STEM fields. When I first joined it, I wasn't this much confident. I also had thought of leaving STEM and joining some SSC job. So the workshop has definitely helped me in ~~the~~ my confidence of choosing stem.

2. Do you feel that you have a better strategy for your study?

Well! I didn't have a goal before. Not knowing what to do, when to do. Now I have a goal ~~wh~~ till M.Sc and hopefully it will get higher. I might still follow same strategy but now with more determination.

3. Do you have a better understanding on how to achieve your career goal?

Yes, definitely. I have already mentioned above. It's still not completely clear but better than before.

4. Do you feel that this workshop has been useful?

Yes. It has boost my confidence level and ~~has~~ has made me more determined. Hopefully, I will continue to be this way.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Adeeba shariq, Subject: X, Student/Teacher/Alumni

Institution/Company student, Address: hathi wala pul musharraf manzil

1. What motivated you to choose STEM subject?

Reason is that - I of all 9 am interested in science so much & this workshop is related to it, due to which 9 want to join it. Gaining knowledge will always be my priority.

2. What strategy do you follow for your study?

First of all 9 try to be on schedule which 9 have made pattern study is the systematic one, so 9 follow that as my strategy.

3. What is your career goal?

No doubt career goal is to be A MBBS doctor.

4. What is your expectation from this worksop?

9 expect getting knowledge that 9 am not aware of, by this workshop. And to know more about my goal stream that's science.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

2. Do you feel that you have a better strategy for your study?

3. Do you have a better understanding on how to achieve your career goal?

4. Do you feel that this workshop has been useful?

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9th, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AFREEN FATIMA, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company WOMEN'S COLLEGE, Address: A-3, STREET NO.8, DILSHAD COLONY OHORRA MAFI ALIGARH

1. What motivated you to choose STEM subject?

The word STEM is enough to build my interest in this workshop. It provides us opportunities to study abroad. It is basically for women who take keen interest in teaching.

2. What strategy do you follow for your study?

I used to prefer books for my studies But sometimes I watched the videos of my particular topic so as to make me perfect in my studies I believe in smart study. It reduces stress, is efficient and produces optimal result.

3. What is your career goal?

I am very much interested in animals. I want to know about them, their life style, their behaviour. I want to be a zoologist.

4. What is your expectation from this worksop?

This workshop is for Educational Research purpose. I expect, it provide us teaching technique. How to teach others. Because to teach, others we first educate ourselves.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, It provides us alot of carrier opportunities. I personally feel that I am lucky to choose the STEM.

2. Do you feel that you have a better strategy for your study?

Yes, we have atleast give sometime to our study to understand the topic perfectly. we have to make our study schedule properly.

3. Do you have a better understanding on how to achieve your career goal?

I am a zoology student. I know that I have to do my post graduate in zoology. But sometimes I get distracted, what subject I will choose later.

4. Do you feel that this workshop has been useful?

Yes, This workshop has been useful. It increases my interest in research field.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): (Aligarh) Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SANA KANEEZ, Subject: MATHS, Student/Teacher/Alumni

Institution/Company AMUABK High School, Address: AMU, Aligarh

1. What motivated you to choose STEM subject?

2. What strategy do you follow for your study?

3. What is your career goal?

4. What is your expectation from this worksop?

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes,

2. Do you feel that you have a better strategy for your study?

Yes,

3. Do you have a better understanding on how to achieve your career goal?

Yes, the sessions were very informative.

4. Do you feel that this workshop has been useful?

Yes, absolutely.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, (Delhi), Hyderabad, Kolkata, Kurnool, Patna

Name: Ayesha, Subject: Student (Neet) Preparation, Student/Teacher/Alumni

Institution/Company Self study., Address: H No. 25. Near Anglo Indian school. Ghardi mayur vihar. ph=3

1. What motivated you to choose STEM subject?

I choose stem subject that motivate is.. Science - medical faculty. Mbbs, BDS, Ayurveda, Unani, either Homeopathic. I specially went to do Unani specialia

2. What strategy do you follow for your study?

My strategy for study. my dream is want to become a Doctor. But some family issues. I ~~dbbt~~ took addmission. I want to complete my Medical line. as I have family problems. even then. I am have courage to do ~~study~~.

3. What is your career goal?

my career goal is, become a doctor. mbbs; Ayurveda, Unani, Homeopathic any ~~type~~ ~~of~~ field of Medical line.

4. What is your expectation from this worksop?

My expaction from STEM subject. They (you) help me ~~that~~ to go to foreign for better study. So I can make (Build) my futur much beter as I think.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in choices of study in stem field. It was motivat to me that there is option for girls to do higher studies in USA. I got motivated from this workshop.

2. Do you feel that you have a better strategy for your study?

Yes, I feel have a better strategy for our study. I get informations and knowledge about online courses and study in abroad in ohio university, there is better choices for studies. higher studies in US.

3. Do you have a better understanding on how to achieve your career goal?

yes, I have better understanding on how to achieve career goal through internet and do different and very useful courses for better studies.

4. Do you feel that this workshop has been useful?

Yes. I think this workshop is useful. Because they have provid us stem fields on internet. It helps me to know about online courses in stem field. this is very useful. If we get Addmission in our interested courses, we can fulfill our Dreams. If we get Addmission, which we have to do.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 01, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Mehak Mohi-u-din, Subject: Physics, Student/Teacher/Alumni

Institution/Company Kashmir university, Address: Hazratbal Srinagar. J&K.

1. What motivated you to choose STEM subject?

- I always get inspired by new invensions and laws that are provided by scientistics.
- I want to know nature by science point of view.

2. What strategy do you follow for your study?

- I personally believed in smart work, but work hard only when needed. I spend as much time on studing as it is needed.

3. What is your career goal?

- I want to work in great science laboratories. I would love to teach the student, all that i know have understand ~~ab~~ being a sciente student.

4. What is your expectation from this worksop?

- I ~~would~~ hope to get scope and opportunities for my ~~fut~~ ~~good~~ future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, i feel more motivated, Now that i know how to proceed my Career in STEM i am more passionate. I would love to join the ohio state University for doctorate.

2. Do you feel that you have a better strategy for your study?

i donot think about strategy for studing yet but maybe at home i will recall all the advices that i get here and work on them to enhance or improve my strategy.

3. Do you have a better understanding on how to achieve your career goal?

Offcource i do have, Spending two days here like opening doors to reach near to my goal.

4. Do you feel that this workshop has been useful?

Yes, it was great. It was like i feel my relation with science and i love it more now.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: UNEZA, Subject: B.C.A/C.S, Student/Teacher/Alumni

Institution/Company Jamia Hamdard, Address: R-31, Jangpura Extn - Near By Kashmiri PARK, Bhopal.

1. What motivated you to choose STEM subject?

I. chooses the STEM subject because Its provide a communications and Information Technologies.

2. What strategy do you follow for your study?

I want to follow pay attentions and make a good student for a workshop.

3. What is your career goal?

I, want to my own company. So it is my career goals

4. What is your expectation from this worksop?

My expectation for this workshop is workshop providing me the "good communications and Informations about Technologies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, This workshop motivated my study choice in STEM fields. STEM fields motivate my views and my ideas etc.

2. Do you feel that you have a better strategy for your study?

Yes I will a better strategy for my studies, like how do present my opinions.

3. Do you have a better understanding on how to achieve your career goal?

I want do do MCA (MASTERS of Computer Applications). And I will try do doing MCA from USA as-w

4. Do you feel that this workshop has been useful?

Yes I feel it, because this workshop motivated me do how do develop your mind and your skill and How to present your ideas in a public place, and specially How to make a CV for with a 2 good formcat.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh (Delhi) Hyderabad, Kolkata, Kurnool, Patna

Name: SAHIBA NASEEM, Subject: CS, (Student)/Teacher/Alumni

Institution/Company Jamia Hamdard, Address: E-212/3 SHAHEEN BAGH

1. What motivated you to choose STEM subject?

It is a workshop for muslim minority women. It was curious to see their work.

2. What strategy do you follow for your study?

I use to study daily 2 or 3 hour. & rest of the time I prefer studying of my mother & using internet.

3. What is your career goal?

I want to do MCA (Master of computer Application)

4. What is your expectation from this worksop?

To get inspired by the other women's who had work & achieved somthing from this work shop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I feel more motivated to choice of study in STEM field. They gave motivated speech, motivated lecture, it will very helpfull for motivated to me also in future & how.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that have a better strategy for my study

3. Do you have a better understanding on how to achieve your career goal?

Yes. I have better understandin on how I achieve my goal. how can I study, how can I make a plan for beller understing. how can I appy for my goal. where can I apply for ~~or~~ achieve my goal. I will also ~~toy~~ my level best.

4. Do you feel that this workshop has been useful?

I feel that this workshop has been very usefull for me & other girl students which is like to science technology. They gave us good ideas behalf of our related subject. I ~~appri~~ appriciate women in stem Roadshow workshop. Thannkyou so much.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: DR. KASHISH, Subject: COMPUTER SCIENCE Student/Teacher/Alumni

Institution/Company JAMIA HAMDARD Address: D-184, Johri Farm, New Delhi-25

1. What motivated you to choose STEM subject?

My continuous zeal for technology and curious attitude towards learning new developments

2. What strategy do you follow for your study?

Keep myself updated to the latest researches in my field.

3. What is your career goal?

To become a world class scientist and improve my research and teaching expertise.

4. What is your expectation from this worksop?

Get a career guideline to pursue Post-doctoral studies in Computer Science

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   Yes

2. Do you feel that you have a better strategy for your study?

   Slight improvement

3. Do you have a better understanding on how to achieve your career goal?

   Little Better

4. Do you feel that this workshop has been useful?

   Yes, Surely. Learned loads of things, got a roadmap for my way to U.S. Universities

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, (Delhi), Hyderabad, Kolkata, Kurnool, Patna

Name: SAIMA, Subject: CS, (Student)/Teacher/Alumni

Institution/Company Jamia Hamdard, Address: E-212/3 Shaheen bagh

1. What motivated you to choose STEM subject?

This workshop is only for muslim and I think this is the first workshop so. I want to see their work.

2. What strategy do you follow for your study?

I use to make my own notes and give 1 or 2 hour daily for my studies.

3. What is your career goal?

I want to become a Software engineer.

4. What is your expectation from this worksop?

To get inspired by the other women's who had worked and achieve something.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I get very motivated to attent this workshop.

2. Do you feel that you have a better strategy for your study?

Yes, I feel more energetic about my career goals.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I will try my 100% best to achieve my goal.

4. Do you feel that this workshop has been useful?

Yes This workshop is very benificial for me. This workshop tell me the direct path to achieve my goal. I want to become a software engineer and this is helpful for me. In this workshop is here is very motivational Speaker

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NAHID SAMI, Subject: CSE, Student/Teacher/Alumni

Institution/Company JAMIA HAMDARD, Address: F-19, A/1, N.K. Girls' PG SHAHEEN BAGH, NEW DELHI - 110025

1. What motivated you to choose STEM subject?

Since beginning I was interested in getting knowledge related to science and I always wished to build my career in this field.

2. What strategy do you follow for your study?

I try to be consistent and motivate self study because I believe, if you learn something by yourself you will never forget that. I keep myself encourageous in every situation as literacy can help you overcome all the difficulties.

3. What is your career goal?

I want to be a professor because I feel that spark in myself towards teaching student. I am passionate about teaching. I believe today's generation is the ~~fo~~ future of next decade and that need to be illiterated in the best possible way.

4. What is your expectation from this worksop?

I will surely going to learn some new ideas related to my future studies and reasearch work.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do feel motivated all the time in my STEM field. With every passing moment in my life I feel more and more interested in this field.

2. Do you feel that you have a better strategy for your study?

Yes, I do have because I never get dependent on others for my works. I try to find all the solutions online whenever I get stuck somewhere. Knowledge is a sharable resource. I use to share my knowledge to my friends, family, student and felt in return I am becoming more and more knowledgeable.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I do have. I must say that whatever I achieved today is because of teaching. & I managed to achieve success to some extent is because I started teaching at very very early stage. I believe one can achieve everything he/she wished for if you are working on that day and night.

4. Do you feel that this workshop has been useful?

Yes, I found this program very useful. It makes the minority girls more motivated to opt for science as their main stream. There are lots of girls who lie in minority category and there are very few organizations working for their development - and providing them new opportunities. I must say its a very good initiative and need to be continued further.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 01, Location (circle): Aligarh, (Delhi), Hyderabad, Kolkata, Kurnool, Patna

Name: Nisha Mansoori, Subject: CS, (Student)/Teacher/Alumni

Institution/Company Jamia Hamdard, Address: M-13/6 Sangam Vihar, New Delhi

1. What motivated you to choose STEM subject?

It is the workshop for muslims minority girls. I think that kind of workshop will be held morally. This workshop is mainly for the women in science and there is need and role.

2. What strategy do you follow for your study?

- through internet
- Books
- Listening the lectures

3. What is your career goal?

web designing after doing MCA

4. What is your expectation from this worksop?

I expected that I would be seleted for the Us University for MCA.
I expected from this workshop that this STEM Roadshow will keep towards the goal as same as they did.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, STEM fields are too good for study. I'm very inspire ~~to~~ in this workshop in STEM Roadshow. This is very motivated ~~to~~ and very inspiring for study. That is the brilliant fields.

2. Do you feel that you have a better strategy for your study?

I think not better but good enough towards ~~my~~ the study. I have internet facility, books in bulk, teachers in college etc. but don't have a guidelines, or one has that requires guidance because no- guides me as better for study.

3. Do you have a better understanding on how to achieve your career goal?

Not better, but yes I understand how to ~~do~~ achieve my career goal. This is difficult path to describe better.

4. Do you feel that this workshop has been useful?

Yes, It is very useful. It gives us the ~~take~~, a knowledge awareness about the study in abroad or anywhere else specially in US, OHIO University. This workshop provides us the need and role of women towards the science. That is very important to us.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, (Delhi), Hyderabad, Kolkata, Kurnool, Patna

Name: Km Ujma Aijaz, Subject: CS (Student)/Teacher/Alumni

Institution/Company Jamia Hamdard, Address: Talimabad. Girls hostel Sarai Vihar

1. What motivated you to choose STEM subject?

It is minority workshop, so getting knowledge about the STEM.

2. What strategy do you follow for your study?

I want to pay attention any time to get extra knowledge in technical field, from books, from classes and workshops.

3. What is your career goal?

My career goal is being professional. Web designer and data administrator in computer Science.

4. What is your expectation from this worksop?

I expect that this workshop will very useful for me or any girls.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yeah, It is motivational workshop then I really motivated to choice of study in STEM. I am also a Science student and I am from UP in in Deoria. There are lots of girls to who want to study in STEM fields but they are not motivated the reason is they live in backward area.

2. Do you feel that you have a better strategy for your study?

Yeah, Its better strategy for our study. But It is enough better when everyone understands the STEM.

3. Do you have a better understanding on how to achieve your career goal?

Yeah but sometimes we confuse how to do work because I am a avg student I do tough job for my career goal.

4. Do you feel that this workshop has been useful?

Yes. It is very useful for everyone. Bcoz Because in this workshop Lecturers are very intelligent they all are inspired us to how get further studies in abroad. but I want to say to please organise this type of workshop in backward area because

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, (Delhi) Hyderabad, Kolkata, Kurnool, Patna

Name: RESHMA BANO, Subject: Bsc (Biosciences) Student/Teacher/Alumni

Institution/Company STUDENT, Address: NEW DELHI-25

1. What motivated you to choose STEM subject?

As i am interested in science and technology that STEM subject is a platform for all this so it ~~attract~~ motivated me to enroll in it.

2. What strategy do you follow for your study?

My strategy for study is to learn new things and increase my knowledge day by day. I study to make my life better. In my opinion study is not just scoring marks it is more then that.

3. What is your career goal?

My goal is to become researcher but not yet decided on which I will do research. And also to become a good person.

4. What is your expectation from this worksop?

Getting knowledge and may be that brings me near to my career goal

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?
Honestly after this workshop i feel that I should go in stem field As I am intrested in research & teaching this is a combination of both.

2. Do you feel that you have a better strategy for your study?
I have to study with a goal I have to distiguish myself to ~~get into~~ win the competition. I always have to

3. Do you have a better understanding on how to achieve your career goal?
To achieve my career goal I have to dream big with action. I have to do hard work along with smartness and positivity. With a aim that I can achieve.

4. Do you feel that this workshop has been useful?
Ofcourse it is useful we get lots of information regarding admission in USA universities motivated lectures etc..

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi ✓, Hyderabad, Kolkata, Kurnool, Patna

Name: ARTI SINGH, Subject: PHYSICS, Student ✓/Teacher/Alumni

Institution/Company SRCASW, (DU), Address: FIRST FLOOR, G-10, UNIT-3, NAWADA, NEW DELHI, 110059

1. What motivated you to choose STEM subject?

The only thing that motivated me to choose this, is my interest as i dont have any interest in other subjects. & I like physics and I would love to do something in it. Thats my only motivation.

2. What strategy do you follow for your study?

I basically follow one basic strategy that is

Listen → understand (think) → Practice → Repeat.

In case I don't have a teacher to teach me or to make me understand things then,

Read → think → understand → Research → Practice → Repeat.

3. What is your career goal?

As currently I am doing Physics hons, I really want to do something related to physics. (Its phenomenon). I like studying about astronomy and for sure I'll be doing something in the field of astronomy. mainly i should say I as because of Dr. Ramnarayan (Director of Nehru Planetarium) I am having this vision that one day I'll be able to work for in this field for my country India.

4. What is your expectation from this worksop?

I don't have any expectations to be honest I am here to learn and guide myself to a better path. that's it !!!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I don't think so, (Being honest), I feel the same as I was feeling one day ago about my choice in STEM.

2. Do you feel that you have a better strategy for your study?

I got to know about some online courses that i think gonna help me in my ~~dday~~ studies.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I do have a better understanding now of my career goal. They taught us how to avoid and prevent- some basic mistakes that we make while writing CV's and resume's.

4. Do you feel that this workshop has been useful?

Yes, I think that this workshop has been useful to me as I'll be working hard on my goal from now onwards. This workshop has made some tipping points about us but not about India and this is the thing that has become my goal. I want to make India proud and I'll work toward it. I know I might not reach to the top of the mountain but I'll try for sure.

I know the workshop was conducted basically for this thing and there is

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: IMAMA ALI, Subject: BIOSCIENCES, Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA, Address: GIRLS HOSTEL, JMI, DELHI

1. What motivated you to choose STEM subject?

Since childhood I was very interested in science and specially in biology of climate change. As I studied the environmental changes that are going on due to human activities, I was deeply concerned and motivated to find solutions.

• SADLY! NOT MANY PEOPLE ARE INTERESTED IN SOLVING THIS HORRIBLE REALITY.

2. What strategy do you follow for your study?

In a science field, one should have very strong basic knowledge of the subject to understand advance topics of research. Hence, I first try to form a basic strong foundation via good books and also take help from standard online resources.

3. What is your career goal?

• I have a special interest in climate change and their solutions, but this field is new, so I am still considering different alternating fields.

4. What is your expectation from this worksop?

I hope I would get information about the intitutions offering Post graduation in my field of interest.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

• Yes, I felt that there are people who'll happily helps me in ~~eac~~ every problem that I'll face while applying to any US university.

2. Do you feel that you have a better strategy for your study?

No not the better strategy in academics, but the other fields that are also very important like getting fellowships, I got information related to that.

3. Do you have a better understanding on how to achieve your career goal?

Yes I got motivated and got some ~~mat~~ very useful resources.

4. Do you feel that this workshop has been useful?

Yes, minority specially girls.
GUIDANCE is the best thing or GIFT that you can give to any talented person.
THANK YOU !

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: HALEEMA AHMAD, Subject: BIOSCIENCES, Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA Address: GIRLS HOSTEL, JMI, NEW DELHI

1. What motivated you to choose STEM subject?

One of my friend introduced me with this topic. As I am a science student, and biology being my favourite subject motivated me. Its a developing field full of opportunities and new researches. For further studies & carrier its a good option.

2. What strategy do you follow for your study?

Being a science student I find that proper time management is very necessary. Upto a good level I manage my schedule excusing my college time.

3. What is your career goal?

My career goal is to become a research scientist in the field of genetics or biochemistry.

4. What is your expectation from this worksop?

I hope I could gain maximum from this workshop that could help me in the coming time.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, being honest I really liked the logic behind the STEM roadshow. Providing women a good platform is really appreciable. I really feel moved and motivated I truly want to do something really big in my carrier.

2. Do you feel that you have a better strategy for your study?

Yes, by the information & interaction sessions with such highly qualified faculty, now I feel that my path towards my carrier has made a much more clear path.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I got the idea on how to apply and the various sites & links which will be very helpful in future.

4. Do you feel that this workshop has been useful?

Yes, it has been very very useful at this stage. And yes the food was really tasty & the overall arrangement is worth appreciable. Thank you.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SARAH IZHAR, Subject: STUDENT, Student/Teacher/Alumni

Institution/Company JAMIA HAMDARD, Address: HAMDARD NAGAR, NEW DELH

1. What motivated you to choose STEM subject?

I was keen to know what this subject actually tells. ~~This stub~~ I want to know about the field of engineering; ie; food engineering I know, I will benefit from this work shop. Since I was in XI th grad I was extremely passionate to choose this field, And ~~shape~~ this subject of STEM will motivated me.

2. What strategy do you follow for your study?

The only strategy which I follow is :- Regular revision, peace of mind, proper time table along with other curriculum activities, No ~~big~~ late night studies. I also use not only books to study but also use internet to get my concepts clear. I try to keep my mind as fresh as I can.

3. What is your career goal?

My career goal is to become a food technologist, since I have a strong interest in this field.

4. What is your expectation from this worksop?

I believe that I will benefit alot from this work shop. I'll get to know about our career goals. and also what steps am I supposed to take in my here after.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated by my choice in this field. As we were told in this workshop that all the women in the society must opt this field and therefore, they must be the ~~next~~ future scientist. If a women is educated the entire nation is educa-ed. Most of them especially young women they walk away fro science and they think its hard, but hard work is the key to success and from this workshop I learned that even Indian women can go into STEM fields and take the nation to exponential ~~big~~ heights.

2. Do you feel that you have a better strategy for your study?

Yes, I do feel my strategy for study is better, but I learned even more ways to learn and study and will surely follow in my hereafter.

3. Do you have a better understanding on how to achieve your career goal?

Yes, STEM workshop has enabled me more on how to achieve career goals not only in India but abroad. They taught us how good and vast majority of courses are available even outside our country. Now, I have even more better understanding about my field and also what ways I can I follow to achive my goals.

4. Do you feel that this workshop has been useful?

Indeed! this workshop has been extremely useful to me. It benefited me beyond to my expectations which I had. I have had an amazing experience here. The professors came from Ohio-state university were very co-operat-ng and ~~made us feel more~~ motivated us alot. I am happy that I was a part of it.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: ANJUM KHAN Jamia, Subject: ~~Engineering~~, Student/Teacher/Alumni

Institution/~~Company~~ ~~Hamdard~~ University, Address: Hamdard nagar, Delhi

1. What motivated you to choose STEM subject?

→ I want to do something new, different in my life. So, I choose food technology engineering. I want to do something (patriotic) for my country. I love food and I want to know more about food. that's why I choose this.

2. What strategy do you follow for your study?

→ I want to become a knowledgable person not only a degree holder. I love reading books. So, I prefer book for study then net and other things which are available. I want gain knowledge by books not for earn money but for our society and something which full of humanity.

3. What is your career goal?

→ I want to become a food Inspector & a successful person in my life with happiness. I'm interested in Indian army force. So, if I got any opportunity like this, I want to serve my country very proudly.

4. What is your expectation from this worksop?

→ We'll ~~getting~~ knowledge about science engineering and more about science. I wanna bring some wonderful lessons with me when I leave this workshop. I hope having a wonderful day with wonderful knowledge & lessons.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

→ Yes, I feel more motivated and I find plenty of field in my choice of study subject. By conversation with Mentors and I listen their views I feel more motivated towards my Career.

2. Do you feel that you have a better strategy for your study?

→ Yes, I feel that I have better strategy and some better ways to bright up my future. I learned many ways to learn and study and I will follow these strategies surely.

3. Do you have a better understanding on how to achieve your career goal?

→ Yes, I have better understanding and when, I saw people who guide us I also feel that Yes, I can do and I will do.

4. Do you feel that this workshop has been useful?

→ Yes, it has been very useful. By this workshop I feel that knowledge plays a important role in our life for achieve success. I got ideas, how I can get addmission in USA university.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 01, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Aayat-e-Maula Nazki, Subject: Student, Student/Teacher/Alumni

Institution/Company Delhi Public School Budgam Address: 17-Hill View Colony east Sector 1st old airport road Srinagar.

1. What motivated you to choose STEM subject?

- To correlate the science knowledge with the basic social & political world.
- To know the culture.
- To get more exposure & get a standard education system.

2. What strategy do you follow for your study?

- I love to follow the strategy of hardwork. I believe in hardworking.
- I love to observe the things keenly related to science.
- I want to know the things & understand it practically.

3. What is your career goal?

- My career goal is to know more and more science.
- To become an astrologist.
- To understand the ontological & epistomological roots of science technology.

4. What is your expectation from this worksop?

My expectation from this workshop is not only to get the opportunity to get selected & get the opportunity to study in US but to get more and more exposure & knowledge by attending such workshops.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

- The choice of study in STEM fields has really motivate me more for STEM.
- Attending this workshop & getting to know about the STEM fields & interacting with the respected chief guests & the professors has made me more serious about developing a career in STEM.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have a better strategy for my study because now I can manage & study in a smart way & with a ~~proper~~ particular goal.

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I can properly understand that how to achieve my career goal. I am very motivated by this workshop & can now decide my career goal.

4. Do you feel that this workshop has been useful?

- Yes, this workshop is very useful for me as I have got a lot of information about the workshop. It is useful for me as it will ~~always~~ help in deciding my profession afterwards.
- By attending this workshop, I can get a lot of opportunities & better scope in Science.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHIRIN FATIMA, Subject: Engineering Student/Teacher/Alumni

Institution/~~Company~~ Jamia Hamdard, Address: Hamdard Nagar, New Delhi

1. What motivated you to choose STEM subject?

I was born in a family, where Medicine was the dominent career. Having two elder siblings and my father from the same (medical) background, it was certain that I had to have an ~~certain~~ inclination towards science, but, wanting to shine out and be different, I chose Engineering and I discovered a part of me I didn't knew existed. I was good at everything I put my hand and heart onto and so you may realise how difficult it was for me to choose a stream. But I've never regretted my decision as I want to do something good for the community by contributing profusely to Science.

2. What strategy do you follow for your study?

I don't actually have a strategy, its more of a certain pattern. I get sudden bursts of motivation, from my inner self (since I am a really optimistic person) and, my head brimming with ideas and ambition, I study; from every source or material available. I write down rough notes as a study and it helps me retain almost everything I read. This strategy was imbibed by my father, who is a doctor and so knows how to remember things well.

3. What is your career goal?

A Career goal? It was hard to decide one and I realised it after my 12th board exams. I wanted something where I could combine my artistic, social, ~~and~~ logical and mathematical skills together and contribute to the world. So I chose Architecture, for which I'll appear again in the exam this year. But just so that I don't mess things up I equally aim for B.Tech in Food Technology which I am studying currently in which I wish to do research work and contribute to the world by new discoveries and ideas

4. What is your expectation from this worksop?

I hope this workshop helps students like me in achieving their goals or atleast, shapes our minds, by motivating and opening up new doors for us.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I feel I can achieve anything I want to; I am so brimming with ideas and fully motivated after this workshop. ~~I feel~~ It gives me ~~one~~ immense pleasure just to think I took STEM field as my career choice, and just by thinking of the vast universe of knowledge I can gain and then imbibe in others, when I take up teaching.

2. Do you feel that you have a better strategy for your study?

After this workshop (for which I'll be forever thankful), I have a better strategy for my career study. I had been engaging in scientific work, if making physics models and projects, count as one :); which I hope will help ahead. I'll be following my strategy, ~~for~~ re-engaging in research work and would certainly enroll in an online course.

3. Do you have a better understanding on how to achieve your career goal?

Yes I do. I had been passing ~~no~~ days of my life without taking my career seriously even after being such an ambitious woman; partly because I wasn't guided properly. Now I know what I need to do and I am determined. I need to change my major from Food Technology to the focus of my interest, i.e., Architecture. so that I can use my exceptional mathematical skills, along with Physics and engineering design, because I feel that if I don't tap out my full potential from my areas of interest, I'd be wasting my life and skills.

4. Do you feel that this workshop has been useful?

As I said in the first answer, that after this workshop, I feel like I can achieve my goals and see a clear path, atleast for the next 5-6 years. Never has anyone, been such an amazing mentor or motivator. ~~Its~~ I get to know about paths I ~~di~~ thought existed for only elite classes. Turns out, if you have dreams in your heart and ambition in yours eyes, nothing can stop you. Period.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MAHWISH AKHTAR, Subject: _____, Student/Teacher/Alumni

Institution/Company JAMIA HAMDARD, Address: HAMDARD NAGAR, NEW DELHI

1. What motivated you to choose STEM subject?

I am quit interested in STEM subject because I have interest in this subject. through this we came to known about the ~~how~~ knowledge & technologies nowdays are coming. In my family no one is in this field and I always want to do something diff so I choosen this

2. What strategy do you follow for your study?

Basically I didn't follow any kind of strategy. But through net internet and books I try to gain knowledge The best strategy is reading books, newspaper. Reading habit is really imp.

3. What is your career goal?

I want to become a food specton as I am doing B.Tech food tech. through this I want to known the thing developing, increasing day by day. Many people facing ~~a~~ lots of problem through food

4. What is your expectation from this worksop?

Through this workshop I came to known more about this ed subject and I how this help me in my career or to achieve my career. Many of us don't known what is exactly this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I was glad that Ohio state share there view and gave us such a wonderful & motivated speeches as there motivational speeches and guidance given by Ohio state (STEM) helps us alot in our future. Through this we came to known about many thing that we don't known. This is really important for our future generation to known these things.

2. Do you feel that you have a better strategy for your study?

Study is very vast it is not limited to books. We study skill guides for student and provide everything you need in order to learn more effectively. Active listening, reading comprehension, notetaking, stress management, time management, test taking thing we have to do.

3. Do you have a better understanding on how to achieve your career goal?

If you want to become a successful person or student you should have to follow the right path. Work hard is gold. When you love what to do you will naturally get inspired to achieve that goal. Write for this & make a plan to how to achieve your career goal.

4. Do you feel that this workshop has been useful?

Yes, I feel that this workshop has been useful. Through this workshop we came known about our field of interest. This workshop helps us to guide thing that we known. We also came to known about that how we can apply in abroad for our higher education. Through this we can extent our own ideas. It give us right direction for future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SALMA, Subject: STUDENT, Student/Teacher/Alumni

Institution/Company JAMIA HAMDARD, Address: HAMDARD NAGAR, New Delhi

1. What motivated you to choose STEM subject?

I had to learned about in class IXth. During my medical Stream I have morely interested in this field and also influence from my brother as he is food Engineer, So I have to persuing this and I have extremely passion for it.

2. What strategy do you follow for your study?

My study Strategy is that — firstly I have to pay attention on my college lecture, Concentrate it, revision at home, on proper time table I followed it and take help from net source to clear my concept.

3. What is your career goal?

My Career Goal is to become a food Engineer and I have more interesting in this field.

4. What is your expectation from this worksop?

I have morely Expected from this workshop It will Guide me for my career Goal It will helps me what step should I take in future. It will sure It well benefited for my Goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, Its feel me more motivated in my study, my carrier field. Its really be helpful How can we reach our Goals, what steps should be taken to reach my Goal. It's be benifited for me to think morely in my career Goal. Through this Stem field, I understand what can I do, after Graduati

2. Do you feel that you have a better strategy for your study? Its really be nice.

Not Completely, but Now I'll do make better Strategy for my studies, I improve my knowledg More focus on research also. This Stem Show really helpful me to think about my strategy. Now I improve it.

3. Do you have a better understanding on how to achieve your career goal?

After attempted this Stem Show, I cleared my doubts that came in my career Goal., Now I have understand what I do next, there will also other possibilities to reach my Career Goal. This Stem field. Show really motivated me, Its cleared my all Confusi Now, I understand how to achieve my Career Goa

4. Do you feel that this workshop has been useful?

Yes, I feel this workshop has been very useful to me, by this I know about how to my Career Goal, what step should be taken, In which I morely 2 be focus. Its provide me various knowledge also Its been ~~never~~ very useful to me

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh (Delhi) Hyderabad, Kolkata, Kurnool, Patna

Name: KAYENAT, Subject: BIOSCIENCES Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA Address: NEW DELHI - 25

1. What motivated you to choose STEM subject?

Science and technology has always fascinated me. Science is moving a step ahead everyday and has the brightest future of all. I want to be a part of STEM since I want to contribute in this field and give my fullest in this area.

2. What strategy do you follow for your study?

→ Study is not a package but a course which has to be followed everyday. So step one is to study each day without any gaps.

→ No continuous studies for hours but break in every 45 minutes with atleast 6 hrs of study a day.

→ Learn by writing. I prefer to write to learn up the topics so that even during my exams I write the correct thing and the word to word is engraved into my memory.

3. What is your career goal?

Since I am a student of Biosciences, I would love to pursue my career in the science and research field. I want to become an efficient researcher. Aim is to avail higher education from some eminent institutes which utilizes potentials within me and gives the best version of me so that I utilise my time and energy for good researches.

4. What is your expectation from this worksop?

I have very high expectations from this workshop. It is being organised by US Department of State for the minority women. I hope this workshop would encourage the girls to break the social barriers and achieve the dreams of their life. This would show a roadmap and give a better planning for the goals I want to achieve.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I was motivated enough to choose STEM as my career at the very beginning of my academic life. After the workshop I am ~~even~~ even more strongly determined and motivated to continue to pursue my career in STEM.

2. Do you feel that you have a better strategy for your study?

There was no strategy but more of tragedy ☺. But after the workshop and listening to Dr. Preetha, I realized that planning and aim are the two most important things. So the strategy for study is to keep the things simple and focus wholeheartedly and manage time well.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a clear STEM Roadshow to achieve my goals in a planned and ~~systematic~~ systematic way. The websites, links and mentors are going to help a lot to achieve the career goal in STEM.

4. Do you feel that this workshop has been useful?

A big YES to this question. Being a minority women and an Indian girl, we have very less exposure to the developing STEM fields. The workshop gave us a direct face-to-face interactions with the officials which was the best part. A big thumbs-up to this initiative.

P.S: awesome arrangements and management.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Zarlish khan, Subject: PCBM, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia, Address: E-112 Abul fazal enclave part 1

1. What motivated you to choose STEM subject?

I always wanted to do great in life. I thought science would help me with that because science field opens all the gates to all courses anyone can persue

2. What strategy do you follow for your study?

~~Strategy I use for studing is, that~~ I prefer writing and learning Strategy which I prefer is to write and memorize it helps me to learn and recall things much easily when I write and learn something

3. What is your career goal?

I want to become a doctor. So that I can help and go to places and provide free check ups to people who can't afford regular check ups.

4. What is your expectation from this worksop?

Help in guidance, ~~to~~ go that how one can get admission in foreign universities.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Definitely, I feel STEM was a difficult field and getting admission in foreign universities was much difficult but after the workshop. It seemed much easier and they actually made it look that science was fun.

2. Do you feel that you have a better strategy for your study?

Yes, I do professors told us many different strategies for studying and even the fellow members present in the conference. I can always use them.

3. Do you have a better understanding on how to achieve your career goal?

of course! I do have because I know what to look for and what to do, to achieve my goal.

4. Do you feel that this workshop has been useful?

extremely useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1 ✓, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ali Shigraf, Subject: Science, Student/Teacher/Alumni

Institution/Company: Jamia Millia Islamia, Address: B-5 II floor, Jogabai ext. Near Noora masjid, Jamia Nagar, Okhla, N.D-25

1. What motivated you to choose STEM subject?

From the very beginning of my life I was interested in sciences,. Actually I something related to science get my attention and I strongly feel that if we want to do something great in our life then science is the only way out. So, yeah I chose sciences for the best of my life and for the best of me and my surrounding.

2. What strategy do you follow for your study?

I pre-plan everything. like, I have a time table for what to do, when, and for how much time. I Study just enough to get myself going', what I mean to say is that I prefer qualitative education rather than quantatative education. Usually I do study during night to avoid disturbances and noises.

3. What is your career goal?

I am highly intrested in medical sciences. Something about humans, animals and plants is where my keen interest is. Also, I want to help the mankind in every possible way and I think that being a doctor can help a lot so I wanna become a doctor. (A pediatrician to be precise.)

4. What is your expectation from this worksop?

'Whatever we do needs support in one way or the Other'. I just expect that we can get as much knowledge as we can out of this worshop, about Sciences and possibilities of getting education in U.S.A (abroad). [STEM]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Of course, yes I feel even more motivated now. Everything I did learn in here got me inspired a lot. Now, I feel that STEM subjects are a bit more fun than I thought it to be.
'I can and I will!'

2. Do you feel that you have a better strategy for your study?

Yes, I do. Professors did help, loads, cleared our doubs and motivated us. Not only this but also they guided us to do everything in a better way and that we should always do what works for us. It does not matter how slow you go until you don't stop dreaming for what you want out of your life.

3. Do you have a better understanding on how to achieve your career goal?

Definiately! Yes, I want to persue a career in medical sciences and help those who are in a need. Now, I understand a much better way about how to acheive my dream job. Like one of them told us that we don't need to choose something for our entire life, just choose a goal you want to acheive for the time being (let's say some 7 years or so

4. Do you feel that this workshop has been useful?

The workshop has been really useful as for me. For, I knew what to do but did not have the idea about 'how to do' and this workshop has been proved to be a kick start for all those who were willing to do something further in STEM subject as it gave us the finest of the ideas about the stuffs related and whatsoever we needed to know.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Dr. Taqseer Khan, Asst. Prof., Subject: Mathematics, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia New Delhi, India, Address: Dept of Maths, JMI, New Delh Pin-110025, India

1. What motivated you to choose STEM subject?

The need to study Science, to handle problems in every day life, popularity of STEM subjects, abundant career opportunities. The joy of solving problems in these fields is awesome because by doing this, you feel that you have contributed something very useful to mankind.

2. What strategy do you follow for your study?

I am a teacher. While teaching I have to take care of many things to make my teachings understandable to students. I should know my subject very well; present to my students properly, inculcate interests among them for my subject (which is Mathematics).

3. What is your career goal?

To become an effective teacher, to create interest in my student to learn Mathematics.

4. What is your expectation from this worksop?

Expecting to learn recent techniques in teaching.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Very much. Came to know many interesting natural phenomenon which can be handled through STEM subjects leading to a happier and safer life of human race.

2. Do you feel that you have a better strategy for your study?

Yes. My interaction with participants and experts turned out very satisfactory. Specially from the presentation and post interaction with "Prof. Erwin Kaver" from the OSU. She gave me new insights which can be applied to teaching making it more logical and reasonable and easy for students!

3. Do you have a better understanding on how to achieve your career goal?

I think yes. The discussions and interactions with participants happened to be very fruitful. I feel more oriented for my work of teaching.

4. Do you feel that this workshop has been useful?

Yes, very useful. The reasons range from one to many: I benefitted from lectures of seniors; I learnt some fascinating things about young students, the way they think, act and percieve. Overall, I enjoyed participating in this workshop. Many thanks to its organisers Profs. Sultana Nahar and Anil Pradhan for giving such a useful platform

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 01, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Arifa Nazir, Subject: Physics, Student/Teacher/Alumni

Institution/Company University of Kashmir, Address: Srinagar, J&K

1. What motivated you to choose STEM subject?

Ans/= I choosed science subject because it used to give me immense pleasure to study and know the science behind each and every phenomena happening in the universe. By studying science I get very to know things very closely.

2. What strategy do you follow for your study?

Ans/= My strategy is the to understand the topic and discuss it with friends. so that you get confirmation that you have understood it rightly

3. What is your career goal?

Ans/= I want to do research in my subject. So I want to work as a scientist

4. What is your expectation from this worksop?

Ans/= I hope, through this worshop I get to know the opportunities and scope for women to do research and Phd outside India.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Ans/= Yes, I do feel more motivated because there are so many opportunities and scope for women to who choose these fields.

2. Do you feel that you have a better strategy for your study?

I have a good strategy to study but I would like to go for a better strategy that would help me to get even more impressive good results and improve my knowledge and help me to build a sucessfull career.

3. Do you have a better understanding on how to achieve your career goal?

After attending this workshop my understanding got broadened. I think now I can acheive my career goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very useful. I got to know about various ways through which I can pursue my career in STEM fields.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, (Delhi,) Hyderabad, Kolkata, Kurnool, Patna

Name: Nida Parveen, Subject: CS., (Student)/Teacher/Alumni

Institution/Company Jamia Hamdard, Hamdard Nagar-110080., Address: I-7/575 Sangam Vihar

1. What motivated you to choose STEM subject?

It is a workshop for muslim minority women.
I was curious to see their work.

STEM subject because it is difficult and challenging, one can learn alot and earn much more than other fields.

2. What strategy do you follow for your study?

I use to study daily for 1 or 2 hours.
And most of the time I prefer surfing on internet.

3. What is your career goal?

I want to do P.Hd in artificial intelligence.
Work on vision issues with them. And to make it more precious.

4. What is your expectation from this worksop?

To get inspired by the other women's who had worked and achieve something.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, i do feel more motivated. We have great example infront of us. Sultana ma'am, Noor ma'am. all of them are an inspiration for a student like me.

2. Do you feel that you have a better strategy for your study?

I think, I should spent more time on surffening new things and to enhance my knowledge Not just educational but of other fields as well.

3. Do you have a better understanding on how to achieve your career goal?

A bit more but atlast it's my goal and I have to understand it on my own.

4. Do you feel that this workshop has been useful?

This will be useful for me, because I'll search ~~for~~ institute for my master's. in USA and other countries. And I'll emphasise more on research

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SADAF ALI HAIDER, Subject: BSc CLINICAL RESEARCH, Student/Teacher/Alumni

Institution/~~Company~~ JAMIA HAMDARD, Address: HAMDARD NAGAR, NEW DELHI-1100

1. What motivated you to choose STEM subject?

My motivation for choosing STEM subject are :-
i) ~~As~~ my interest
ii) these subject are my strength and passion as they are interesting they have a variety in itself.
iii) I do like to study and teach these subjects to my younger siblings and cousins to.

2. What strategy do you follow for your study?

My strategy to follow my study is that I do revise ~~all~~ whatever taught in my classes. and I do go a little deep to find ~~some~~ some new facts that I never new. Then I google it find more interesting things which build and maintain my interest in this field. I see some videos on youtube for the same topic.

3. What is your career goal?

My career goals are to learn new things, grow, achieve success, and be a renowned Researcher. And ~~I~~ also to make my parent proud.

4. What is your expectation from this worksop?

My expectations from the workshop is that I got selected in this workshop so that I could go US for my ~~fellowship~~ fellowship. It would be the turning point of life and a step for learning and success too.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?
Yes, I do feel more motivated. I liked to teach and I am looking forward for my career in teaching.

2. Do you feel that you have a better strategy for your study?
Of course! I have a better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?
I do have better understanding to achieve my career goal by this workshop. It helped and developed more understanding for career goal.

4. Do you feel that this workshop has been useful?
Yes! This workshop has been very useful for me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 01, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Farhana Fayaz, Subject: Student, Student/Teacher/Alumni

Institution/Company NIT Kurukshetra, Address: Kurukshetra, Haryana

1. What motivated you to choose STEM subject?

The achievements by some of my known engineering fellows motivated me ~~to~~ choose the field. ~~and~~ .

2. What strategy do you follow for your study?

I believe in planned work, group study and smart work. For some studies, I go for hard work as well.

3. What is your career goal?

I want ~~to~~ be a successful & an ideal teacher and ~~do~~ ~~Some~~ go for good reseach work.

4. What is your expectation from this worksop?

I want ~~to~~ know the good research opportunities for myself & and the scope of a my field outside india.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do. Looking at the achievements and research in my field and area, I get more motivated to continue my work and explore the work done & the current going work world wide.

2. Do you feel that you have a better strategy for your study?

I feel that my strategy is good enough as I have got good outcomes out of my strategy. But, I always try to get advice from people, my mentor for improving and making my strategy better.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I do have a better understanding of my goal right now and I am current in a stage to work for it and achieve the goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been useful for me. I have got to know about study opportunities in & US and I have directly interacted with the experts and all the coordinators have been nice to me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 01, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AFSA JUNAID, Subject: BIOSCIENCES, Student/Teacher/Alumni

Institution/Company JMI, Address: NEW DELHI-25

1. What motivated you to choose STEM subject?

→ Subjects nowadays are not just limited to a certain arena. Science has now turned multidisciplinary. In my course, BIOSCIENCES, we are being taught latest biology along with mathematics, chemistry and Physics. This has led me to look at things from a wider view and has enabled me to think broader and work more efficiently.

2. What strategy do you follow for your study?

→ I love science but I love speaking (public), writing, etc. What I believe is that when you take your hobbies along with your passion you are like a carnot engine, 100% efficiency. So, I study with following things that opens up to all the centers of my brain.

3. What is your career goal?

→ I have seen a course 'SCIENCE WRITING' in a very reputed university. Since I love to write, I really want to pursue it. Apart from this, teaching f thrills me. So, I want to be a great teacher and bring out the best in my students and myself. Also, I'm teaching a group of 10 girls physics and i totally enjoy it.

4. What is your expectation from this worksop?

→ Frankly speaking, my eyes are set for the fellowship but if I didn't recieve that I have all the confidence that I will get to learn a lot. The steps that I am taking will become more impactfull after attending the workshop. And, finally I really want to learn new things. Thankyou so much Ohio! ^^

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields? MOST ♥

→ Well, I was quite entangled in the choice of my course but after talking to the professors, I feel in direction to my goal.

→ I am all set to do my graduation plus a some research work to get printed in #PAMS someday. Yeah! ☺

2. Do you feel that you have a better strategy for your study?

→ Now that I am well aware of the scholarship programmes & associated with WSR, I can easily focus on my core studies and leave the tension of 'how to apply' 'how will I afford', etc type of queries. Thanks again!

3. Do you have a better understanding on how to achieve your career goal?

→ Yeah! I feel a lot sorted now. It is like I had a curtain of doubts which is removed now. Seriously WSR did a great work in solving the major problems we Indian students have usually and can't find anyone who can answer it.

4. Do you feel that this workshop has been useful? Much ☺

→ This workshop was very useful. Let me highlight some points:

a) Great ambience. The CIT was a great venue.
b) Interaction with great professors on a personal level.
c) Professors answered every query ~~with~~ happily.
d) Great food without paying anything.
e) One year free membership is a great idea.
f) Got to know what is required and what not

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SIMRAN MALIK, Subject: Engineering, Student/Teacher/Alumni

Institution/Company JAMIA HAMDARD., Address: Hamdard Nagar, New Delhi

1. What motivated you to choose STEM subject?

Motivations are many. Motivation to keep going and motivation to do something that no one has done before. Motivation to use my knowledge and implement it for the welfare of mankind. Science, Technology, Engineering and Medical would be my four swords to achieve my dream and finally conquer over them.

2. What strategy do you follow for your study?

I read books because of I'm kind of book lover. Also, I like going through research papers on google scholar. I make beautiful notes so that I would be more attracted to what I study. Last but not the least, I like interactive sections because of the opportunity to share your own experience and also side by side learning from the experience of the other person.

3. What is your career goal?

I want to be a scientist, famous for her works and my die heart want as a famous food Science scientist keep all this alive in my heart. Moreover, I have a dream of using my engineering skills to make vitamin D rich rice in future because of the increasing vitamin D deficiency problems these days.

4. What is your expectation from this worksop?

I'm expecting to have a clear vision towards my future dreams by the help of this workshop. It would guide me to the path that is still unknown and the unlimited opportunities in the field.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I was glad that The Ohio State shares the same motivation as me for the development of mankind. When we share the same motivation as the university we are applying for, the level of motivation reaches to infinity and the need to boost it no more exists. The fire inside you to develop something new that would revolutionize the world keeps growing. Dr. Sultana N. Nahar and Dr. Anil Pandhan became my role model after this workshop. It might sound weird to few that the people whom you don't even know properly become your role models after a workshop. But that is what happened.

2. Do you feel that you have a better strategy for your study?

They enlightened me to a fact that studies are not just limited to books and scholar pages. They are much beyond. Everything teaches you be it a workshop and talking to an adult about his or her experience. Most importantly, we should not hesitate questioning thinking it might be stupid to others. We have to be shameless to learn, improve and broaden our knowledge.

3. Do you have a better understanding on how to achieve your career goal?

My confidence level boosted to another level to achieve my career goal. It inspires me to become the first woman to do something which the women before me didn't. I understand that we have to start from something and why not that something be today. Nothing is useless in life and we may never know the secrets of pasts holds the key to unlock our future.

4. Do you feel that this workshop has been useful?

The word useful would be smaller to tell my experience. Rather the world "once in a lifetime" would be better for describing the workshop. I tried clearing all my doubts be it about post graduation studies at US or doing a doctrate after undergraduation. I was thankful that each of my questions were answered and that too satisfactorily.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: TARAKHSHAN NAHEED, Subject: SCIENCE Student/Teacher/Alumni

Institution/Company _____, Address: _____

1. What motivated you to choose STEM subject?

STEM → SCIENC, TECHNOLOGY, ENGINEERING, MATHEMATICS — These are ~~are~~ the areas which have immense potential to change one's life through continuously going research and innovation,. These areas capable one's life to think beyond boundaries and limitations and bring positive and progressive effect on one's lif

2. What strategy do you follow for your study?

N/A

3. What is your career goal?

To emerge as an ~~ad~~ educator which makes the students prepare to take challenges of their life and providing them with such skills which has both social and scientific bearing on their life. To recognise the talent of students and motivate them to choose right STEM field to ~~that~~ they could thing progressively

4. What is your expectation from this worksop?

To be enlightened and enriched with various scope of STEM and ~~how~~ to utilise these opportunities to bring positive changes in women's life

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

As I am a post graduate and working as an educator I really feel motivated in terms of getting an insight of the immense possibilities of STEM study in US which I can use to motivated women of different universities and college and create awareness to take up stem Research.

2. Do you feel that you have a better strategy for your study?

I can prepare students and encourage students to take up stem education by planning out a goal oriented study strategy for them

3. Do you have a better understanding on how to achieve your career goal?

My goal is to bring a change in the life of women in my society. By applying the knowledge of my subjects and helping them out to choose career in STEM research, I want to improve their quality of life.

4. Do you feel that this workshop has been useful?

This workshop has been useful indeed as it provided us with various scope of STEM field and how one can carry forward in this fied. This workshop provided all necessary information relevant to STEM study in US.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sakshi Dhall, Subject: Computer Science, Student/Teacher/Alumni

Institution/Company D/o Mathematics, JMI, Address: D/o Mathematics, JMI

1. What motivated you to choose STEM subject?

The cause of women empowerment and our financial independence & making contribution to the society as well.

2. What strategy do you follow for your study?

Set target, focus and be determined to achieve the set goal with persistent efforts.

3. What is your career goal?

To be at significant position of decision/policy making, so as to bring about required changes for bringing in more balanced society specifically to eradicate gender bias, and to create opportunities for all sections of society including women and transgenders.

4. What is your expectation from this worksop?

To get exposure on views of eminent speakers about the said cause and have a broader perspective of the ways and paths that can be followed to bring about change in lives of young women and the opportunities which are available in higher studies for women.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated with the scope of interdisciplining research in STEM fields.

2. Do you feel that you have a better strategy for your study?

I have come to know about the different opportunities abroad and I am going to utilize this information for pursuing future research in US and also to inform by students who wish to study in US.

3. Do you have a better understanding on how to achieve your career goal?

Since, I am already employed at a faculty position, and my goal is to make a difference in the educat^n system by reaching a policy making position, so the workshop gave me an exposure of how the teaching styles are being reviewed at to include technology besides the normal lecture based teaching and also inclusion of research at graduation level is need of the hours. Overall, workshop gave me an opportunity to be aware about views of eminent speakers like Prof. Basole about Holistic knowledge, which motivate me towards my goal achievements.

4. Do you feel that this workshop has been useful?

Yes,

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SANA RAFI, Subject: GEOGRAPHY, Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA, Address: H-9 MURADI ROAD, BATLA HOUSE, JAMIA NAGAR, NEW DELHI - 25

1. What motivated you to choose STEM subject?

My scientific thinking, My curiosity for searching the truths behind each and every phenomenon, My enthusiastic attitude for learning and exploring things

2. What strategy do you follow for your study?

Hard work and dedication along with newer technologies, better and productive communication

3. What is your career goal?

I want to be a research scientist, my prime focus is on Urban planning and development with Environmental sustainability. I want to develop several models to be implemented for the betterment of urban life.

4. What is your expectation from this worksop?

I have lots of expectation, I hope it will enhance my knowledge, I'll be able to find what I want to do, and where I can pursue further studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, ofcourse, I am more confident, awared and goal oriented, Now I have clearly defined specific objectives.

2. Do you feel that you have a better strategy for your study?

I don't have a single strategy now, I am fully awared of where I have to apply, what I have to opt for particular field of research, what, where, how and when the technology can be applied and utilised Knowing Aims and objectives, I can plan newer, better and comprehensive strategies

3. Do you have a better understanding on how to achieve your career goal?

Yes, I know the platform where I have to apply and have to apply, the communication channels, the test and the examinations through which I have to go through

4. Do you feel that this workshop has been useful?

There is no doubt about it as the Wooshop has not only been useful, but it has enhanced my confidence, I can explain my goals & objectives, I have ~~the~~ my career goals clearly and precisely in my mind.

I can summarise this workshop by saying "Yes, I am a girl and I can be a research scientist or whatever I want to be".

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, (Delhi), Hyderabad, Kolkata, Kurnool, Patna

Name: Aliya Khan, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company JMI, Address: Jamia Nagar, New Delhi.

1. What motivated you to choose STEM subject?

I liked Science and Maths subjects since my childhood. I always copied my teachers beoz their way of teaching always motivated and enhanced my interest towards science and Maths. Every subjects has a important role ~~both~~ I believe Science subject is the base of knowledge. ~~of~~

2. What strategy do you follow for your study?

first I always try to learn the basics of the subject beoz it makes the other thing easy and helpful. I believe to study from the first day and observe it always helpful for me.

3. What is your career goal?

The main goal of my life is to know and learn the basic things of ~~every~~ my subjects ~~and~~ well as to become a good person. I also want to work is researches based project to get a knowledge and experience because I always eager to learn the things.

4. What is your expectation from this worksop?

From the STEM work shop i will get much knowlege and it will also motivate me towards my goals. STEM workshop may surely help me to come closer to my goals by imparting some useful knowledge about the field of science.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Surely yes, because 'STEM' is not only give knowledge about Education but also help in manging daily life issues. Actually 'STEM' is a motivation for me, and I want to get more and more knowledge and keep in touch with 'STEM'

2. Do you feel that you have a better strategy for your study?

Before attending the workshop, I felt my strategy is good but now I realise that I have to learn many and many things more because this workshop teached me many things and techniques to acheive my goals.

3. Do you have a better understanding on how to achieve your career goal?

Yes, after attending the workshop I have better understood that how to acheive my career goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very useful as it cleared various doubts about peeking for further studies in United State.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Khushboo fatima, Subject: Science Student/Teacher/Alumni

Institution/Company Jamia.sr.sec.school, Address: Jamia nagar, okhla new delhi, Nafees Road Hari masjid.

1. What motivated you to choose STEM subject?

Choosing a stem major is directly influenced by intent to major in STEM, high school math achievement and initially post secondary experiences such as academic interaction. Intent to major on STEM is directly affected by pursuing 12th grades.

2. What strategy do you follow for your study?

The strategy what I follow are simple which really help me good usually I ask some question. I make study plan effective At every regular interval. I take test of my own. I learn th stories any many more.

3. What is your career goal?

I have learned that long term goals are best achieve ~~ment~~ I break them into smaller goals I simply wants to make a career in medical line. I want to take care of poor people.

4. What is your expectation from this worksop?

My expection from this workshop I can learn more about technologies & science from this.

The Ohio State University Women in STEM Regulations

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, the guest lectures ~~are very~~ give me some more motivated ideas which were going to be very helpful in future for ~~us~~ me. It will be help in for choosing my further studies. The guest lectures are very helpful for us.

2. Do you feel that you have a better strategy for your study?

I think the strategy for study is varies from people to people. My strategy for study is better from other. I don't think so. I am giving 2 hours per day for ~~enter~~ revised subject.

3. Do you have a better understanding on how to achieve your career goal?

Achieving a career goal is not main thing. I should pay more attention towards the practical knowledge of stem rather than being of bookish one.

4. Do you feel that this workshop has been useful?

Yes, this workshop will be very useful for me. I got more confidence ~~from~~ from this workshop. I have no confusion in choose subject in my future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: Delhi, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Aaysha Salmani, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company Jamia millia Islamia Address: okhla, Delhi

1. What motivated you to choose STEM subject?

I am having Interest in maths. I like to solve puzzles and complex problems. It always glad me to solve problems of maths. So I opt science as a subject for my further studies. chemistry has a vast scopes with mathematics included into too.

2. What strategy do you follow for your study?

I does not have any strategy of studying but I prefer to study with the relax mind. but I try to complete my work on the time which makes me satisfy.

3. What is your career goal?

The main motive of my life is to learn things in better way So that I can help the needed or disabled person. Qualifications are not the parameters which will govern the intelligence of Indiviaul.

4. What is your expectation from this worksop?

It will help me to learn things. I will surely get a motivation. I and will give idea about the possible ways I can choose in my future. I will tell everyone about things that I will learn here.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes I feel motivated after attending this workshop Prof. Karen Irving given us idea to teach in a good way I will try to be a good teacher in future

2. Do you feel that you have a better strategy for your study?

this workshop given us good ideas for making strategy for our study.

3. Do you have a better understanding on how to achieve your career goal?

this workshop help me to concern about my career in a serious way. I will try to achieve my goal ~~with~~ smartly this workshop is very beneficial they thaught us how to make resume which is will is help us in future

4. Do you feel that this workshop has been useful?

this workshop is very useful ~~mos~~ for me. I got mare information in STEM field. This workshop gives me idea to study in foreigen country. This workshop was very informating

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, (Delhi,) Hyderabad, Kolkata, Kurnool, Patna

Name: BUSHRA PARVEEN, Subject: Chemistry ✓, Student/Teacher/Alumni

Institution/Company JMI, Address: Jamia nagar, delhi

1. What motivated you to choose STEM subject?

Science is the subject which gives answers of all my confusions and curisity that why the things occurs as such, and the reasons behind them.

2. What strategy do you follow for your study?

Firstly, I ask someone about my related topics like teachears, mentors or my seniors. then I go through books recommended. Lastly I took an overview on internet.
Besides these I make my notes of that topic too.

3. What is your career goal?

Basically I want to learn the concepts of science. Iam more inclined towards Chemistry.
My main motive is to learn chemistry, and if someone ask me about it. then I should have a proper and satisfactory answer.

4. What is your expectation from this worksop?

This workshop will improve my knowlegde in concern subject. and will be fruitfull for me. It may give me opportunity to explore more.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, of coursely. I did. I think opting STEM as further studies was my good decision. And besides this I also think. to have a better way of learning it.

2. Do you feel that you have a better strategy for your study?

I think the study strategy varies from individual to another Mine strategy ~~is~~ needs some kinds of amendments. so that I can make my work more productive.

3. Do you have a better understanding on how to achieve your career goal?

Yes, this workshop was really very helpful. By this. now I ~~abt~~ am able to know the possible ways to achieve my goals and the things which were misleading me. I should pay more attention towards the practical knowledge of STEM rather than being of bookish one.

4. Do you feel that this workshop has been useful?

Yes., this workshop meets my expectations, and in some places it was. of great help. for me. Like, how should my resume. be and what improvement I should make, and also on the research work I should pay more attention.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 02, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ayesha Qamar, Subject: Science, ~~Student~~/Teacher/Alumni

Institution/Company Jamia Sr sec. School Address: Jamia Nagar, Okhala New Delhi.

1. What motivated you to choose STEM subject?

This study draws upon social Cognitive career theory and higher education literature to test a Conceptual framework for understanding the entrance into Science, technology, engineering, and Mathematics (STEM) Majors by recent high School.

2. What strategy do you follow for your study?

The Strategy what I follow for study tips to help you develop a learning strategy that will allow you a achieve study goals Yoursel Some key question I need to work harder to acheleve those goal Create an effective Study plan.

3. What is your career goal?

I want to learn the Concept of Science.
I am more inclined towords Biology.
My main motive is to learn Biology and if someone ask me about it. then I should have a peoper and satisfactory answer

4. What is your expectation from this worksop?

This workshop will improve my knowlegde in concern subject and will be fuithfull for me. It may give me opportunity to explore more

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated after attending this workshop. I think opting STEM as further studies was my good decision. But beside this I also think to have a better way of learning it.

2. Do you feel that you have a better strategy for your study?

I think the study strategy varies from individual to another Mine strategy needs some kinds of amendments. So that I can make work more productive.

3. Do you have a better understanding on how to achieve your career goal?

You will never ~~can~~ achieve a goal unless you have a very clear understanding of why you want to change something in your life. It has to come from deep with your soul. It need a strong purpose and it will always be aligned with your core valu

4. Do you feel that this workshop has been useful?

This workshop is very useful me. I got more information in STEM field. This workshop give me more idea to study in forigein contry. It was of great help for me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, (Delhi) Hyderabad, Kolkata, Kurnool, Patna

Name: Ritu Rani, Subject: Physics, Student/Teacher/Alumni

Institution/Company Gautam Buddha university, Address: C-11, Area Colony, near maduda Police st Mahuda, Dhanbad, Jharkhand 828305

1. What motivated you to choose STEM subject?

STEM motivated me as it is a kind of worldwide interaction across the boundaries, as it taking place across our country. And I think this kind of programmes gives us opportunity ~~to~~ and way to sharpen ~~our~~ performance at internation platform. And ~~so~~ it ~~pers~~ persue me too experience research and technology fellowship.

2. What strategy do you follow for your study?

My strategy is to follow my mentor sayings and regular, continuous and constant working on my subjects and following number of different written books, Online lectures of some reputed institute (MIT) etc. But In order ~~make~~ maintain constancy and peace between my mind and work, I follow meditation on regular basis.

3. What is your career goal?

My ~~first~~ priority is to perform my knowledge as a ~~at~~ ~~pari~~ practical approach, to be part of physics at higher level and be an lecturer in my field with practical examples and want to make our coming generation to be friendly with physics too, by my way of explaining topics. ~~and~~ And want to ~~be~~ come out as leader of physics.

4. What is your expectation from this worksop?

This will definetly add something in my personality and I will get introduce to one more corner/field of our science world and how to ~~pursue~~ persue myself at higher level of Education and I am taking it as experience & opportunity to get involve myself across ~~at~~ worldwide.

Ritu Rani
Gautam Buddha University, Greater Noida.
MSc Physics.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choices of study in STEM fields. As it make my views ~~too~~ more clear towards my subject and provide more ideas & field of scopes related to science and technology. It made me more specific and unidirectional towards my research topics.

2. Do you feel that you have a better strategy for your study?

Yaa, obviously this workshop add some more new ~~st~~ and better strategy for my studies and how to persue ~~a~~ ~~the~~ my higher studies in different countries like USA also. And made me more confident for financial support and optimistic towards my dream.

3. Do you have a better understanding on how to achieve your career goal?

Yaa, I got to understand some more clear and sharp way to see my career goals. It boosted me for my reasearch programme and dream to study in USA can be fullfilled soon and with little easy effort.

4. Do you feel that this workshop has been useful?

Yes, this workshop is proven completely useful for my further ~~future~~ study in my subject. It made me more confident and knee towards my research ideas and how to apply for different kind of research programme

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MOMINA KHATOON, Subject: GEOGRAPHY/Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA Address: F-209/3, SHAHEEN BAGH N.D-25

1. What motivated you to choose STEM subject?

My subject is Geography. I always had an eagerness to know the functioning way of the mother Earth and its atmosphere. Geography is also a multi disciplinary subject and studying about it motivated me to become a Geographer especially in the field of urban planning and environmental studies.

2. What strategy do you follow for your study?

My strategy is very simple. I patiently and calmly listen to the lectures given by the professors and be attentive in class. Learning is gaining knowledge. The more we learn the more we gain knowledge. So I always motivate my self to learn new things as much as possible and then let other know about this through me. I believe completely that Practice does make man perfect. Teaching and being a teacher brighten our knowledge every day.

3. What is your career goal?

My career goal is to be Professor and motivate the children to aim high. Brighten them in the field of Educational Science.

4. What is your expectation from this worksop?

To learn something new and get inspired from. To be mentored by the US Professors and know how they teach to their students.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, women in STEM Roadshow has motivated me alot to take active participation in seminars and conferences as I got to learn a lot from it. The eagerness to know the depth and objectives of my subject has boosted me through this workshop.

2. Do you feel that you have a better strategy for your study?

Post workshop I got some idea to better strategise for my further studies. As Dr. Anil Pandham Sir said Science subject is intradisciplinary as well as multidisciplinary so for further studies we have to go for any one of your interest. So, this really stirked me alot to polish my career goal.

3. Do you have a better understanding on how to achieve your career goal?

yes I do have a better understanding on how to achieve my career goal. Earlier I was not sure weather I'll be opting for research programmes but now my one and only career goal is to excel in my subject and grab all those knowledge in the mean time to become an active efficient professor "Insha Allah".

4. Do you feel that this workshop has been useful?

This workshop has been more useful to me as I wasn't aware of the many things which this workshop Taught. I was not aware of the scholarships for pursuing higher studies. I always wanted to know how other people go abroad so easily and why I am not aware of this all.

In the nutshell, this workshop enhanced my knowledge and gave me a direction to opt for a research programmes and gain research experiences. Even it taught me how to utilize my time effectively and efficiently to achieve my desired goals.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Zubia Mahwash, Subject: M.A (Geography), Student/Teacher/Alumni

Institution/Company JMI, Address: 15/12 Street-No-1, Ghaffar Manzil, Jamia Nagar

1. What motivated you to choose STEM subject?

- When I was in School, in geography class we study how due to gravitational pull of moon and Earth, the tides occur in the sea, which motivates me to choose STEM subjected

2. What strategy do you follow for your study?

- first of all I read then I google it and youtube it and then I make notes
- To Pass on the things I learnt to others and discuss it with my friends and exchanging the sharing the knowledge.

3. What is your career goal?

To be the best in my field that is Urban Planning
To motivate others of geography for getting geography esp and STEM subjects esp. Geography

4. What is your expectation from this worksop?

To make me a better person, more confident and a good human being

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my ~~I~~ choice of ~~study~~ in STEM field and I ~~will~~ do earlier ~~think~~ just to do my Masters degree but now I will ~~I~~ do my further studies also.

2. Do you feel that you have a better strategy for your study?

Yes, I think I should include ~~in~~ Research work also to ~~add~~ attain more knowledge in STEM field

3. Do you have a better understanding on how to achieve your career goal?

~~S~~. Go I have to improve my English speaking skills and some research work will help in me in achieving my career goals.

4. Do you feel that this workshop has been useful?

Yes, this workshop has told us about foreign Universities which are much better than Indian Universities and how we can apply to ~~them~~ it

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SAFIA KHATOON, Subject: GEOGRAPHY, Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA, Address: JAMIA NAGAR, NEW DELHI.

1. What motivated you to choose STEM subject?

I started taking interest in Geography when I was in 9th standard. My teacher used to teach the subject very well, so it got more interesting. I was very attracted with the study of earth as well as all what geography included, like our galaxy, how it formed and life works on earth. Basically I liked physical geog. more, so I opted this subject further.

2. What strategy do you follow for your study?

Right now I'm doing masters in geography, after this I'm planning to clear NET examination. For this, I try to learn and study more and more books on this subject, plus I search online too.

3. What is your career goal?

To teach geography as a subject. To be a lecturer in this field, and to excel myself in this field.

4. What is your expectation from this worksop?

Opportunities to help myself excel ~~in this field~~ further in my life.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, I do, a little more. But sadly as a student of geography, I am not directly related to STEM field. But I'm surely motivated to do something about it.

2. Do you feel that you have a better strategy for your study?

yes, this workshop helped me a lot, and motivated me to do better. I will work upon improving my strategy for studies.

3. Do you have a better understanding on how to achieve your career goal?

yes, Before this I wasn't even a little clear about my career goal but I'm very much motivated now.

4. Do you feel that this workshop has been useful?

yes, very. Thank you very much. :

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: IInd, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Zeenat Zafar, Subject: Geography, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia, Address: N-163/A, Abul fazal enclave, thokar no 5.

1. What motivated you to choose STEM subject?

I am from geography department (JMI). The motivation behind to choosing Geography was that, I love geography subject since my school time. This is the only subject which includes environment (water, air, land and all physical and natural characteristics on the earth surface). In my opinion this is the most interesting subject ever

2. What strategy do you follow for your study?

I always keep in mind the time table which is the main criteria to develop and maintain my study in most suitable way. The main source of knowledge is the web and the other things are news and currents affairs. These are 8 hours which is fixed for in my daily routine for self study.

3. What is your career goal?

I have done my schooling, graduation from JMI. And now I am in M.A/M.Sc Geography (JMI). I have decided to do my research in geography. So I want to join research field. The 2nd option is to join the civil services.

4. What is your expectation from this worksop?

I think, this workshop may be great way to provide a best platform for me to go into research.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, of course. I felt more motivated in our choice of stem fields. I am from Geography deparment, the slope of oceanography is much wider than climatology and other. The environment related studies and research are also may be good source of way to exploring ourselves.

2. Do you feel that you have a better strategy for your study?

Yes, I have, But the problem is that we don't have better oppourtunities to take advantage of any field. Resources are limited and there are a lots of problem of network facilities regarding study matter.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I want to clear my Net/Jrf exam for fellowship and then I will take addmission in ph.d programmes/ research. It will a great achievement for me. I can't say clearly that I have a better understanding on how to achieve our goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop played an important role to understand the research criteria and also the difference between C.V and also RESUME. This workshop has really a good way to explore our thinking and taking addmission in U.S.A.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SADIA MOHSIN, Subject: GEOGRAPHY, Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA, Address: JAMIA NAGAR, NEW DELHI

1. What motivated you to choose STEM subject?

When I was in 11th standard first time my interest for Geography started to develop because of my teacher. She used to teach this subject in very interesting way. Then I decided to continue my further studies in Geography.

2. What strategy do you follow for your study?

Read more books and watches videos on internet.

3. What is your career goal?

I wanted to teach Geography in future.

4. What is your expectation from this worksop?

This workshop is great opportunity for me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

As a student of Geography I am not directly related to STEM. But surely with STEAM :)

2. Do you feel that you have a better strategy for your study?

This workshop guided me a lot. Now I will surely work on my studies

3. Do you have a better understanding on how to achieve your career goal?

Yes, I do now.

4. Do you feel that this workshop has been useful?

Yes, This workshop helped me a lot. It shows me to how to brighten up my future. This workshop helped me to make an effective resume and importance of research in undergraduate level.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: HIRAH AHMAD, Subject: Geography Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia, Address: Jamia Nagar, New Delhi

1. What motivated you to choose STEM subject?

When I was in School I started developing interest in nature. How earth forms, why sky appears blue all these things motivated me to study about nature and its different phenomena.

2. What strategy do you follow for your study?

I try to study from books and from Internet

3. What is your career goal?

I want to become professor because I like teaching

4. What is your expectation from this worksop?

This is very good Opportunity to enhance my skills and knowledge.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, I do but as a student of geography I am not directly related to STEM but through this workshop I can relate my subject more with STEM.

2. Do you feel that you have a better strategy for your study?

yes I have, I think I can do online courses through which my subject knowledge will increase.

3. Do you have a better understanding on how to achieve your career goal?

yes, Through MOOC I can do some research projects online which will help me in my future.

4. Do you feel that this workshop has been useful?

yes this workshop is very useful. this workshop helps me in making good and effective resume and through this workshop I ~~has~~ understand the importance of research.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, (Delhi) Hyderabad, Kolkata, Kurnool, Patna

Name: Alina Munawwer, Subject: Mathematics, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia, Address: R. No. 91, Bi-Amma, Hall of Girl's Residence, Jamia Millia Islamia

1. What motivated you to choose STEM subject?

There are many different reasons I consider mathematics option, just as there are many ways in which mathematics can be used. Mathematics has the reputation of being extremely hard and I have great interest in mathematics from childhood. I wanted to become a professor from as far as I can remember.

2. What strategy do you follow for your study?

I attend classes everyday and then revise class work daily. I work hard to achieve my daily goals then weekly goals then monthly goals and so on. More self study and determination towards my goals.

3. What is your career goal?

I want to pursue higher studies in mathematics. My career goal is to become a great professor and teach students that mathematics is not a hard subject.

4. What is your expectation from this worksop?

I want to know the information about pursuing opportunities in mathematics field, opportunities at U.S. institutions of higher studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated as now I have more information about opportunities in U.S. I came to know about different universities where I can pursue. There are different kinds of financial aid which can help us a lot. I had no idea about any scholarship but now I have, this motivated me to purse further in my STEM field.

2. Do you feel that you have a better strategy for your study?

Yes, I have a better strategy. I always wanted to do my further studies from abroad. Now I can see my plans very clear now. I have opportunities to do what I want to do.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have better understanding on how to achieve my career goal. I have more information now. So many things are now clear which I have no idea before. There are so many opportunities and I think I can follow my dreams now.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very useful. Before this I had no idea that there are so many opportunities for pursuing our studies abroad! This workshop also helps me about making resumes for universities. I came to know about different type of financial aid we can have.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, (Delhi) Hyderabad, Kolkata, Kurnool, Patna

Name: SAMAN NAAZ, Subject: Mathematics, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia, Address: C-152, Noori Nagar, Ajmal Bagh, Jamia Nagar

1. What motivated you to choose STEM subject?

~~We~~ I choose Mathematics because I have great interest in mathematics from childhood. This subject is used in all field. It is used in business, medicine, engineering, basic sciences. It has many applications. It ~~leads~~ can lead to many career opportunities. Mathematics, really develop creative sense.

2. What strategy do you follow for your study?

First we revise the classroom teaching daily ~~for~~ 1 hour and self-study daily for atleast two hours and maximum 3 hours, with full concentration ignoring all disturbances. For good study we should be regular in classroom.

3. What is your career goal?

~~Goal~~ Career goal is to become a professor and ~~help~~ then I can help more ~~of~~ poor people. And I also want to go abroad for higher studies.

4. What is your expectation from this worksop?

I want to know ~~ab~~ ~~bout~~ about the education system in US. It will help me more in my knowledge about US, because I want to go there ~~for~~ continuing my studies. We learn something from it.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. I chose mathematics because I have interest in this. Now I feel more motivated and ~~I felt feel~~ more interest. I really feel that I ~~sta~~ must go to US for higher studies. My subject is very interesting and I want learn more and more and want to continue ~~my~~ studies in this subject.

2. Do you feel that you have a better strategy for your study?

Yes. I study 2-3 hours daily ~~but~~ now I feel that I have to spend more time with my subject to achieve my goal. Only 2-3 hours is not enough. Now I feel that I ~~want~~ have to do something different, and for that I must do hard work. And I must have knowledge about all information ~~of~~ universities

3. Do you have a better understanding on how to achieve your career goal?

Yes. My goal is more clear. And ~~we~~ ~~try~~ I must try my best to achieve my goal. We have to attached with all updates of website, test, fellowship etc.

4. Do you feel that this workshop has been useful?

Yes. This workshop is very useful. It helps in gaining more information about universities, test, fellowships. I am very thankful to this workshop. ~~This~~ From this workshop we increased our ~~know~~ ~~led~~ knowledge.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: FARAH SADAF, Subject: Mathematics, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia, Address: G-313

1. What motivated you to choose STEM subject?

I choose Mathematics because I like calculations from childhood. Math skill is always used in so many areas. The real reason for choosing the mathematics is that it doesn't need ~~rote~~ rote learning. And mathematics is something that challenges me at every step.

2. What strategy do you follow for your study?

I am a good planner. I always make a schedule to study. I attend classes daily as there is no substitute for the real thing. I am always curious to know the real implementation of studies.

3. What is your career goal?

My career goal is to get achievement in whatever I am doing. I want to achieve great success in higher studies of mathematics. I want to experience the US education system so that I can made Indian education system better.

4. What is your expectation from this worksop?

I want this workshop to help me in achieving my career goal. I want this workshop to send me to U.S for my higher studies in algebra field of mathematics.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Definitly, I feel more motivated in my ~~co~~ choice of study in STEM yields. The workshop made me ~~as~~ more aware of various oppurtunities I can get in STEM field.

2. Do you feel that you have a better strategy for your study?

I feel ~~to~~ I have a better strategy. ~~for~~ The problem is ~~a~~ we don't follow our strategy strictly.

3. Do you have a better understanding on how to achieve your career goal?

Yes, the workshop helps me a lot in ~~under~~ making me understand on how to achieve my goals. The workshop ~~gives~~ has given a pathway to achieve my career goal.

4. Do you feel that this workshop has been useful?

I feel this workshop is going to be a turning point in my life. ~~I~~ The workshop informed us about an effective CV, oppurtunities in USA, about a better research. ~~[illegible]~~ Now, I can improve myself in many aspects because of this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MICKY, Subject: COMPUTER APPLICATIONS, Student/Teacher/Alumni

Institution/Company PATNA WOMEN'S COLLEGE, Address: LAKSHMINAGAR, NEW DELHI

1. What motivated you to choose STEM subject?

The theme itself i.e. STEM and my inner urge. The way this organisation work in the welfare of Women, I was moved away and felt very cheerful that's why I decided then & then only to attend it & be a part of it.

2. What strategy do you follow for your study?

I used to make daily fair routine but sometimes get unable to follow. But, still I believe in hard work & once I decide to do anything then I try everything, every short of activity to get best results. I do beg-borrow-steal.

3. What is your career goal?

I want to become a success corporate lady who have no free to think anything negative. Also, I want to explore the world and spread joy in everyone's life. Atleast a needy child I want to adopt & help her/him in studies & growth.

4. What is your expectation from this worksop?

It is my pleasure to be a part of such a great organisation. I just hope that I get to learn something so that I can get more motivated towards my life & career and a sense of positiveness enculcate in me so that my faith on me get improved.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I am fully motivated in my choice to pursue education in STEM fields.

2. Do you feel that you have a better strategy for your study?

At some extent I feel but I need to be more strategic planner and need to follow up the plans.

3. Do you have a better understanding on how to achieve your career goal?

I have an inner urge to do something good in my career beyond my daily life once I achieved what I want to achieve.

4. Do you feel that this workshop has been useful?

I feel myself lucky and considering as the luckiest participant that I get this chance to attend this workshop. It has been quite informatic and I am just moved away by the delivery of messages by the great researchers & professors. I am now get passionate to get Phd education in USA.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Zainab Shamim, Subject: Mathematics, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia., Address: G-8, Abul Fazal, Jamia Nagar, N.D-25

1. What motivated you to choose STEM subject?

My own interest and improving marks. When ever I study that it doesn't exhaust me at all. A part from my choice my father was also there to incurage me and he is always there when ever I felt that I can not do it. But all it says that Practice makes the man Perfect. But I believe about it that it does not discriminate among hardworkers.

2. What strategy do you follow for your study?

Hardwork, Determination and a will to move upward with the talent I have. And sharp it as I move up. And taking failure as a second chance to improve it more and more again.

3. What is your career goal?

To improve my self always. Because, no one is perfect but we can move toward it by our little steps of improvement. As a career goal I am willing to work so, hard so that I can reach the dream of mathematical world. Like, C.V. Raman and S.V. Ramanujan.

4. What is your expectation from this worksop?

Improvement, motivation. and how to move towards over goal. without getting distracted from the disturbance that comes on the way. To get some light that help me move on the way I have chosen.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated in my choice of study in STEM field. This is so helpfull in all aspects. ~~At the~~ we get to know How to improve the subject and the way we are learning it.

2. Do you feel that you have a better strategy for your study?

Yes, we get a lot of strategy. ~~for whom~~ It doesn't matter what subject you have chossen. The most important is how you represent it and apply it on your daily life.

3. Do you have a better understanding on how to achieve your career goal?

Through, this seminar we get to know a lot and many of the dought has been cleared up ~~on behalf of~~ for ~~Career~~ our Career goal.

4. Do you feel that this workshop has been useful?

This workshop was really helpful. ~~Since~~, ~~I don't even~~ ~~we~~ I got to know many thing about CV and resume and which to use where. The processes that we must go through, ~~if~~ to apply for US universities, fellowships and all those criteria that blocks a ~~fre~~ freshers way are now out of the way.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHAFKA NOOR JABIN, Subject: Mathematic, Student/Teacher/Alumni

Institution/Company Jamia Millia, Address: _____

1. What motivated you to choose STEM subject?

I choose mathematic because I have interest in this subject. In School this subject is difficult for me and I want to leaven this subject and after some times I find it is interesting.

2. What strategy do you follow for your study?

Hard work, self study, Determination and learning new thing daily.

3. What is your career goal?

I want to do Doctorate and want to be a good teacher in future. And learn mathematics more and more.

4. What is your expectation from this worksop?

Improvement, motivation and how to move towards without getting distracted & To get inspiration to help me to rich the goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in our choice of study in STEM fields. I feel connected my subject with other STEM subjects.

2. Do you feel that you have a better strategy for your study?

Yes, I have a better strategy for our study to understand and easier way.

3. Do you have a better understanding on how to achieve your career goal?

Yes. Now I have a better understanding on achieving my carreer goal and focusing on my research work plan.

4. Do you feel that this workshop has been useful?

Yes, this workshop is useful for me and helping to understand how I apply for US Universities and promoting me for research work. Now, I have more clear plan for my goal. By this workshop I know about fellowship for studying in US State Universit

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ruhama Ouddusi, Subject: ~~Student~~ Science, Student/Teacher/Alumni

JMI Sr. Sec School

Institution/Company Student, Address: Jamia Nagar, Okhla, Batla house G-64 Muradi road.

1. What motivated you to choose STEM subject?

Choosing a STEM major is directly influenced by intent to major in STEM, high school maths achievement & initially post secondary experiences such as academic interaction. And many more.

2. What strategy do you follow for your study?

The strategy what I follow are simple which really help me to score good. I usually ask some key question myself. I make study plan create an effective study plan. At every regular interval I take test of my own. I learn lessons in stories and many more.

3. What is your career goal?

I have learned that long-term goals are best achieved when I break them into shorter goals I simply wants to make a career in teaching line. I wants to make the student learn with interest. & in last I want to go in Social ~~stre~~ Stream & wants to become a social worker.

4. What is your expectation from this worksop?

My expectation from this work shop is nothing but If have given our time in this work shop I Expect for what we are gather here must fulfill.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes the guest lectures given a me some more motivated ideas which ~~were~~ were going to help me in future. My choice of study in STEM field always motivate me to do new ~~research~~ research To know something new related to STEM field.

2. Do you feel that you have a better strategy for your study?

According to me for a better strategy for study we must give daily an hour to revice what we have studied before. ~~Fixed time~~ not only what we studied for a whole day. Make lessons as a story which ~~makes you~~ the lessons more interesting.
- Take a test in a regular interval by your own -

3. Do you have a better understanding on how to achieve your career goal?

Achieving a goal is not possible unless unhill you don't have a clear understanding of why you want to achieve it or why you want such change in your life. You have to sure from deep with your soul. It need a strong purpose.

4. Do you feel that this workshop has been useful?

Yes the workshop will be useful. Having immensly informative sessions that added to my knowledge. Many sessions motivated us for our higher education-

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sabeehah Rehman, Subject: Zoology, Student/Teacher/Alumni

Institution/Company University of Kashmir, Address: CORD, University of Kashmir J&K - 190006

1. What motivated you to choose STEM subject?

The indispensability of science on technology and intern indispensability of human being on science.

2. What strategy do you follow for your study?

1 hr study in the morning
8 hrs research work
4 hrs writing and study in the evening
8 hrs sleep to refresh my brain

3. What is your career goal?

To become an eminent microbiologist, equipped with complete knowledge ~~of~~ and skills of the field.

4. What is your expectation from this worksop?

I expect an increased understanding of STEM, and role of women.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, the guest lectures proved to be motivational The workshop gave me a thought of satisfaction for chosing STEM field.

2. Do you feel that you have a better strategy for your study?

Its good but needs improvement and managing of some time devoted fully for spreading knowledge of STEM among the youngesters especially the budding female students.

3. Do you have a better understanding on how to achieve your career goal?

Yes, the workshop improved my understanding about my career goals and will surely help me in chosing right career options.

4. Do you feel that this workshop has been useful?

Yes, definitly it will be useful. Having immensly informative sessions that added to my knowledge and motivated me to start something innovative that would spread the STEM knowledge

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: HINA MUSHTAQ, Subject: ENVIRONMENTAL SCIENCES, Student/Teacher/Alumni

Institution/Company UNIVERSITY OF KASHMIR., Address: HAZRATBAL, SRINAGAR, KASHMIR, J&K - 190006.

1. What motivated you to choose STEM subject?

ITS WHOLLY A WOMEN ORIENTED PROGRAM carrying a variety of study options in science abroad thus giving me an opportunity not only to study but also explore the world the same time!

2. What strategy do you follow for your study?

I normally take the things naturally i.e. I make a time-table of things that I need to do in a priority manner. Apart from my daily research work, I make sure to take some time out every day to read some research articles, novels, magazines etc.

3. What is your career goal?

A RESEARCHER / TEACHER

4. What is your expectation from this worksop?

I WILL GET TO INTERACT WITH PEOPLE FROM DIFFERENT AREAS OF LIFE & LEARN NEW THINGS FROM THEM.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, this workshop has been very motivating for me by giving me an insight about the study options that I was earlier unaware about.

2. Do you feel that you have a better strategy for your study?

Yes, all the sessions delivered by various experts has focused on one thing persistently ~~to~~ i.e. how we should and we can manage our studies in order to make the most use of our time without getting stress or strain.

3. Do you have a better understanding on how to achieve your career goal?

Yes, to a very large extent as I got the opportunity to know about some of the new options available to me not only here in India but abroad also.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been and I am sure will be very useful and beneficial for me in all of my endeavours in life.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Gousia Jeelani, Subject: Zoology, Student/Teacher/Alumni

Institution/Company University of Kashmir Address: CORD, KU, Hazratbal Sgr, J&K 190006

1. What motivated you to choose STEM subject?

STEM is quickly growing & high paying area that is a great direction for new students / graduating students to take.

2. What strategy do you follow for your study?

2 hours Study
7 hours Research work
3 hours of writing & Reading books / Novels
8 hours Sound Sleep
4 hours leisure time

3. What is your career goal?

To be an outstanding Researcher & STEM Teacher.

4. What is your expectation from this worksop?

To have a better understanding of teaching & learning skills at the end of this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, all the lectures provided by the experts were quite beneficial. I am really excited about STEM Career options especially for women.

2. Do you feel that you have a better strategy for your study?

Yes it is good but needs little improvement.

3. Do you have a better understanding on how to achieve your career goal?

Yes after attending this workshop & listening to the wonderful Speakers will surely help me in achieving my goal in near future.

4. Do you feel that this workshop has been useful?

Yes definitely, this workshop was highly informative & is definitely going to help me in near future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: IQRA MAZAHIR, Subject: Student, Student/Teacher/Alumni

Institution/Company Jamia Hamdard, Address: Nehraur, Dist. Bijnor (U.P.)

1. What motivated you to choose STEM subject?

↳ Own Intrest

2. What strategy do you follow for your study?

- I have a great research passion.
- Good skills in learning and remembering.
- In quest of training for enhancing knowledge of experienced trainers in a reputed organization.
- Communication and interpersonal skills

3. What is your career goal?

↳ Research

4. What is your expectation from this worksop?

↳ Explore more about women education. Streamline my action by these resources.
obtain more information about stem.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

↳ Motivational talks that will surely and greatly benefit my work.

2. Do you feel that you have a better strategy for your study?

↳ Yes. I want to find more scope and exposure related to my work field.

3. Do you have a better understanding on how to achieve your career goal?

↳ Yes surely and want to gain maximum benefit from this workshop.

4. Do you feel that this workshop has been useful?

- Great experience
- Motivational speakers
- Great atmosphere for more exposure and skills improvement.
- Informative Talks

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, (Delhi) Hyderabad, Kolkata, Kurnool, Patna

Name: SAIDA SAYEED, Subject: CHEMISTRY Student/Teacher/Alumni

Institution/Company JMI, Address: Jamia Nagar, New Delhi.

1. What motivated you to choose STEM subject?

Lust for learning in depth and thereafter putting forth the skills, so developed, for the betterment of humanity on the whole was enough to motivate and knock my conscience to choose the STEM subject. Moreover, it is an programme exclusively meant for females, so this thing added to the already developed interest in STEM.

2. What strategy do you follow for your study?

I try to go to the basics of everything. I, in order to spend time with my books, do not only stick to my course books, I try to ~~do~~ do general studies as well so as to keep myself away from boredom and distractions.

3. What is your career goal?

It surely is to pursue my further studies in Science so as to unveil various mystries. My ultimate goal is to be a scientist who would try and try with many researches even if the results won't come the way I have expected.

4. What is your expectation from this worksop?

Expectations in connection with this workshop are really very high. I am sure that this workshop is surely going to prove very helpful in making us familiar with various opportunities in the field of Science and Technology. This workshop for sure is going to get us out of the murky thoughts about our future and may hopefully land us in the land of great opportunities

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Certainly, yes. The motivation to pursue my choice of study in STEM field has increased many folds. Infact, I have decided to put all the essential and the required tools to use in order to continue with my choice of study in STEM field.

2. Do you feel that you have a better strategy for your study?

I had been doing things in an organised way in order to reach to my goals. But after attending the workshop, I can surely say that I have learnt a lot from the workshop to put the things to the much better use. So my ~~the~~ strategy making techniques are really going to change for the better output.

3. Do you have a better understanding on how to achieve your career goal?

Students are usually very confused when it comes to achieving their goals. But a proper direction by a versatile personality may get the student out of the dilemma. After attending the workshop, I think there are people to help us. I have got a clear idea on how to achieve my goal and the only thing that is left is that I just have to be in touch with a mentor.

4. Do you feel that this workshop has been useful?

This workshop has been an eye-opener for me. It ~~gave a~~ tried to bridge the gap between me ~~and~~ and my career goal. I feel really blessed to be a part of this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, (Delhi,) Hyderabad, Kolkata, Kurnool, Patna

Name: FATHIMA AFRA P, Subject: PHYSICS, Student/Teacher/Alumni

Institution/Company JMI, New Delhi, Address: _____

1. What motivated you to choose STEM subject?

Physics is always a enthusiastic subject to study about nature and its phenomena.

2. What strategy do you follow for your study?

Spend more time on subjects which are more interesting to me.

3. What is your career goal?

To further move forward in the interdisciplinary field of Physics and economics – Econophysics, where the ideas of statistical mechanics is compared with the economy of a system and those ideas is used to solve problems in economy like inflation, income distribution problems etc.

4. What is your expectation from this worksop?

To get more ideas of how to build my career in this new interdisciplinary field, of how can I really connect physics wit economics and contribute solutions to the problems in economy.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

A bit more motivated than I was before.

2. Do you feel that you have a better strategy for your study?

I decided to stick onto my initial strategy - top priority to most interesting subjects.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I found the course I needed in Leiden University, Netherlands and I found out about doing research in astrophysics in India also.

4. Do you feel that this workshop has been useful?

This workshop was useful in many ways. It kept me motivated and gave me a sense of direction in my career. And I am considering the possibility of being a STEM teacher.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Neha Batra, Subject: Maths with CS, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia Address: 534, West Jasmanand Colony, Delhi - 110009

1. What motivated you to choose STEM subject?

I choose Mathematics because it is the most interesting subjects I like. ~~And~~ It is used in each and every field. After studying Maths I will be able to compete with the Global would. New Technology and new ways of doing things change daily life and work is more and more but, with maths I can learn how and why things work and

2. What strategy do you follow for your study?

I always make my planner before studying. I usually write down the important dates for exams, assignments and other important stuff. Then I make my weekly plan for the study and after every week I check whether I fullfill the desired goal or not. I use short breaks in my daily schedule ~~to~~ to remove tiredness and to make me fresh.

3. What is your career goal?

To succeed in an environment that provide me better opportunity of learning and develop ~~my~~ my skills that allows me to continue to use these skills while also managing. ~~a~~ and learn more and more things

4. What is your expectation from this worksop?

I want to learn more about the subject and its practical knowledge and to ~~who~~ know how the pplied & abstract Maths work and where it is used. ~~In~~ I also want to get a chance to study more. ~~on~~ from foreign University.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, we feel more motivated in the choice of study in STEM fields because earlier we donot know the meaning of ~~stem~~ STEM. But its a very broader term i.e Science Technology Engineering Mathematics. Witho. all these life is very difficult. These subjects have vast scope and never-ending.

2. Do you feel that you have a better strategy for your study?

The strategy that I used to opt, ~~with~~ I think that is some what fine, the thing I need to change is that I should study the things more practically and example based.

3. Do you have a better understanding on how to achieve your career goal?

Yes, we have because you gave us greate intentions to create some kind of change in ~~my~~ life. Now I decide to have more practical knowledge rather only theoretical.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very useful because I get to know about so many things that I do know such as How can we apply to study in USA? The mistake we do in our Resume and much more. This workshop is very helpful to me.

Thanks!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): ~~Aligarh~~, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Madeeha Mohd Zubair, Subject: Physics, Student/~~Teacher/Alumni~~

Institution/Company Jamia Millia Islamia, Address: Hall of girls' residence, Jamia Millia Islamia, New Delhi

1. What motivated you to choose STEM subject?

I have been motivated by ~~the~~ my childhood experience, to study physics, the science of all sciences

2. What strategy do you follow for your study?

I ~~goes~~ try to grasp the concepts by visualising the key concepts, then reading ~~it~~ the text all over again. in order to get a better understanding of the concept

3. What is your career goal?

I want to become a ~~great~~ research scientist, and make impactful researches, in the field of physics

4. What is your expectation from this worksop?

I am expecting to get a guided, and ~~at~~ my plans to get strategised, at the end of the workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I feel motivated to ~~str~~ and confident about the subject I have chosen. And I am glad, I didn't choose anything else.

2. Do you feel that you have a better strategy for your study?

Yes, perhaps, my earlier plans have been improved.

3. Do you have a better understanding on how to achieve your career goal?

Yes my pathways are now quite clear to me

4. Do you feel that this workshop has been useful?

A lot has been gained by this workshop, it's has been really useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NAZMA HUSAIN, Subject: PHYSICS, Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA UNIVERSITY, Address: Hall of girls residence, JMI, New Delhi

1. What motivated you to choose STEM subject?

During my school education I was interested in science but my interest in physics suddenly rose because of my physics teacher. That opened me to the world of curiosity, logic, reasoning and much more.

2. What strategy do you follow for your study?

Whenever I am given a topic to study, I first read the ~~book~~ introduction of the topic then try to understand it word by word. I do not usually refer to many books but when needed I look for another supplement of the book. I take help from the internet as well.

3. What is your career goal?

I want to study more of physics. The option left for me is to do a Ph.D. in the subject. After that I want to become a teacher.

4. What is your expectation from this worksop?

I am looking forward for some good ideas, knowledge, some advice on my career and an interactive session. Thats all.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

To an extent Yes. I feel more motivated towards getting a ~~PhD~~ Ph.D. in a topic that will make an impact directly on the world around us.

2. Do you feel that you have a better strategy for your study?

I think, now its high time for me to study more seriously do more projects grab more opportunities. So Yes I have become better in my understanding for research. I understood that we need to combine the subjects and study them in a multi disciplinary manner.

3. Do you have a better understanding on how to achieve your career goal?

Yup, I do. After this workshop I've realised that you alone can bring alot of change and inpire people to become better. Hence I have realised that my Ph.D. matters and I will be an interacting, open minded and a helpful teacher to all of my students

4. Do you feel that this workshop has been useful?

Yes, This has been useful. I am inspired by all the members, experts. They have taught us directly or indirectly about being confident, having patience, trusting yourself, working with the team and being funny too.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Birjees Hassan, Subject: Environmental Science, Student/Teacher/Alumni

Institution/Company University of Kashmir, Address: Hazratbal Srinagar

1. What motivated you to choose STEM subject?

The lectures which will be delibrated in the workshop, will be beneficial for me. Being a science students, it will renovate my ideas.

2. What strategy do you follow for your study?

I used to read the previous work done by various scholars by using internet and thesis books. ~~of~~ & I also read the research articles & journals for my study.

3. What is your career goal?

My career goal is to become a good researcher.

4. What is your expectation from this worksop?

To learn the new techniques so that the lacunae which exists in ~~the~~ my work got vanish out.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated in STEM fields because STEM is a best program to educate and aware girls, so that they can give best in the field of science and technology. As we know that 50% of population in the world comprise of girls.

2. Do you feel that you have a better strategy for your study?

I dont have a better strategy for my study. I am doing my research and simultaneously I am preparing for various job based exams. I want to continue my research only if I got scholarship from the university.

3. Do you have a better understanding on how to achieve your career goal?

No, I dont have a better understanding how to achieve my career goal. I want to crack all exams and want to read books of any type.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very useful

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Kainat Mirza, Subject: Student, Student/Teacher/Alumni

Institution/Company Jamia, Address: Jamia Millia Islamia

1. What motivated you to choose STEM subject?

Because it tell me opportunities around me.

2. What strategy do you follow for your study?

I focus on what is in my Syllabus.

3. What is your career goal?

I want to pursue PHD as well as IAS

4. What is your expectation from this worksop?

To know opportunities in PhD outside India.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I felt motivation as if I revive my passion after coming again & get a chance to think once again what to do.

2. Do you feel that you have a better strategy for your study?

Yes, Somewhat !

3. Do you have a better understanding on how to achieve your career goal?

No, not completely

4. Do you feel that this workshop has been useful?

Yes, I hope so

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ankita Chauhan, Subject: Physics, Student/Teacher/Alumni

Institution/Company Gautam Buddha Univ, Address: H.no-2, Village Sungerpur, Delhi-110036.

1. What motivated you to choose STEM subject?

firstly, STEM subjects feeds the sense of curiosity gives ~~thang~~ challenges to us and basically which are intreasting to deal with. It is a fascinating field. I belive that my passion about STEM come almost purely through my learing and experiences in ~~my~~ day to day life.

2. What strategy do you follow for your study?

firstly, I listen in class actively then read at home and make proper notes to understand the concept of problems. My study includes various concepts of class with their applications in daily life.

3. What is your career goal?

My career goal is to simply understand the basic principles behind each and every topic of STEM. To understand the Science and that too with technology and to join the research ~~resse~~ filed.

4. What is your expectation from this worksop?

My expectation from this workshop is to get a chance for my goals to come true.
And to gain the experience and knowledge.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated in choice of study in STEM fields as they gives us wide opportunities to get a sucessful carrier ahed with various enthusiastic challenges.

2. Do you feel that you have a better strategy for your study?

I feel that our study should include wide applications from daily life and class should be made more and more interactive as in this workshop.

3. Do you have a better understanding on how to achieve your career goal?

I belive that my career goals can be a achieved only by hardwork with a smart strategy. Nothing else could make it so otherwise.

4. Do you feel that this workshop has been useful?

Yes, to some extent as it gave us some knowledge to start our carreer in US and to persue our higher education from there.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, (Delhi) Hyderabad, Kolkata, Kurnool, Patna

Name: PREETI CHOUDHARY, Subject: Physics, Student/Teacher/Alumni

Institution/Company Gautam buddha university., Address: 243/7 Lakhpat Colony Part-I, Meethapur Badarpur New Delhi-110044

1. What motivated you to choose STEM subject?

STEM motivated to me as higher education achievement, and initial postsecondary experiences, such as academic interaction and financial aid receipt. STEM subject is directly ~~of~~ influenced by STEM program. As my choice research and technology is better prefer in these university that why I influenced & motivated to choose STEH subject. I know major thing, according to me financial help which is given by STEM Program. they gave Good opportunity to make all student better & enhanced.

2. What strategy do you follow for your study?

Strategy for study, firstly listen all topic than think about it. and make notes and also Read about practical knowledge & demo for practically things. Study strategy is all about "how much knowledge you again" and much understanding & the most important practically knowledge about all the thing is very ensure. I think knowledge prefer, marks don't matter for me. but all the understanding about subjects.

3. What is your career goal?

My career goal in research field and technology field, these field better for me and also intesecting according to my choice. first of all I prefer study as much as possible than further about anything else. technology & research field is my intesect thus I prefer these field for my career goal.

4. What is your expectation from this worksop?

Simple expectation from this workshop to choose me for higher studies by this STEM program & if this can't happen then again experience & knowledge is also gained by this workshop that's also good for me.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated, yet the size & composition of career choices enhance. there is a board range of opportunities for a future job in the field. they gave many information about Indo-US programme & details also. STEM program gave clear idea about fields and steps for basic purpose.

2. Do you feel that you have a better strategy for your study?

Yes. Study strategy is basically correlated with daily life & practical life. Accordingly to interested we will choose subjects for higher studies. we can make interactive section during lectures

3. Do you have a better understanding on how to achieve your career goal?

I have better understanding to achieve my career goal, its all about smart work & little bit hard work. after this workshop more application & field discuss and ideas about step which can we follow. Instead of hardwork, we can do smart work and achieve many thing & solve problems.

4. Do you feel that this workshop has been useful?

Yes, I fel this workshop gave us more knowledge about start up careers & goal in US. & pursue our higher education

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, (Delhi) Hyderabad, Kolkata, Kurnool, Patna

Name: KAYNAT ARIF, Subject: M.Sc bioinfo, Student/Teacher/Alumni

Institution/Company JMI, Address: Cosmos PG OKhla, New Delhi

1. What motivated you to choose STEM subject?

I think research is a field in which we can implant our own ideas views. In bioinformatics through technology we can invent new things in the short period of time. I didn't choose STEM subject but I prefered ST. (Science and Technology because I m interested in this!

2. What strategy do you follow for your study?

According to me we have to enhance our knowledge. so' I take tuition and did self study as per my daily schedule of one hour. Tuition is the best part where we know the different queries of different thinking.

3. What is your career goal?

I want to do PHD further where I get a chance to research on new things.

4. What is your expectation from this worksop?

From every we learn some thing new, I think from this we also get some knowledgable things.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes' definately I feel more motivated in the STEM field because STEM have very advance effect on our life.

2. Do you feel that you have a better strategy for your study?

Yes, because If someone wanna to do with full dedication they can do it. Main is Our intrest if I m intrest in exploring the field of STEM so exactly I feel that I have strategy.

3. Do you have a better understanding on how to achieve your career goal?

After workshop I understand that I have to publish research paper more and get enough knowledge regarding with my P.H.D Subject.

4. Do you feel that this workshop has been useful?

Yes' It is useful It clear the Concept where we have to apply and how to apply in US under the financial and Knowledgable part.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Khilat Rehana, Subject: Biology, Student/Teacher/Alumni

Institution/Company JMI, New Delhi, Address: Room no. 85, Bi Amma Girls hostel Hall of Girls Resident, JMI

1. What motivated you to choose STEM subject?

I always wanted to pursue my career in science specially biology since my child hood. My father has always seen a great scientist in me, so its my dream to fulfill his dream.

2. What strategy do you follow for your study?

I try to keep focused in the classroom and ~~when~~ after returning home I do revise them and consult respected books

3. What is your career goal?

I would like to pursue my career in research field and if got a chance, my first choice for research would be in abroad.

4. What is your expectation from this worksop?

I expect to get knowledge about, how to apply and where to apply for a better opportunity.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I never had any complaint regarding my career choice but now I feel more contended.

2. Do you feel that you have a better strategy for your study?

Yes, better than before, as I got new idea how to pursue and and in which direction to achieve a better career

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I have better understanding on how to achieve my career goal, as this workshop served a lot information on getting scholarships

4. Do you feel that this workshop has been useful?

Yes for me, I feel it has been quite useful, I got to know about things I was unaware of. Like I got to know difference in CV & resume, and the right pattern & How to apply to study in USA

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shumaila Siddiqui, Subject: Biology, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia, Address: M-6/6, 4th floor, Jogabai extn, Okhla New Delhi-25

1. What motivated you to choose STEM subject?

I have choosed science (Biology) because for me science was always something interesting to explore & learn more about.

2. What strategy do you follow for your study?

I try to give my best in institution & pay maximum attention during lectures. During weekends, I prepare for NET/JRF exam for lecturership.

3. What is your career goal?

My career goal is to go in research field and use my knowledge and contribute to a better health care in the world.

4. What is your expectation from this worksop?

Attending this workshop may enable for a good approach to abroad studies with widened perspective

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, we will surely choose to pursue higher studies in abroad if we succeed in scoring good in GRE.

2. Do you feel that you have a better strategy for your study?

Yes, I have got a much more clearer idea on how to plan my studies & put them systematically.

3. Do you have a better understanding on how to achieve your career goal?

Yes. Gained a clearer view on the choice of universities and courses to be choosen for further studies.

4. Do you feel that this workshop has been useful?

Yes, this has proved very useful for us.
It has broadened my cognition power and perspective related to studies like what to go for & what to avoid to choose for a better career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, (Delhi,) Hyderabad, Kolkata, Kurnool, Patna

Name: Mahepara Siddiqui, Subject: Biology, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia, Address: _____

1. What motivated you to choose STEM subject?

I like biology as a subject and thus I chose STEM as my subject as a wanted to study biology more deeply.

2. What strategy do you follow for your study?

I pay attention in all my classes, listen to every details given by teacher and revise the things on daily basis after reaching home.

3. What is your career goal?

I want to pursue research.

4. What is your expectation from this worksop?

I expect to get an elaborate information and guidlines for higher education in abroad.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. Through this workshop I came to know a lot about different branches of STEM fields which broaden my spectrum of research topics

2. Do you feel that you have a better strategy for your study?

Yes. I learned that I need to be more systematic in my studies, more specific in choosing my subject.

3. Do you have a better understanding on how to achieve your career goal?

Yes. This workshop provided us with elaborate guidelines on how we can apply to foreign universities and what scholarships are available for the same.

4. Do you feel that this workshop has been useful?

Yes. It has broaden my spectrum of knowledge on various topics including the importance of effective teaching.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: PAYAL MITTAL, Subject: Biology, Student/Teacher/Alumni

Institution/Company Jamia Millia University, Address: 4938, II FLOOR, NAMAK PHATAK, HAUZ QUAZI CHOWK, CHAWRI BAZAR, DELHI - 110006

1. What motivated you to choose STEM subject?

I always wanted to do something in biology; and the pursue of deep knowledge in this subject keep me motivated.

2. What strategy do you follow for your study?

I believe that "practice makes man perfect", and this strategy I apply in my studies. Also, planning is essential strategy to study. Without it studies get directionless. So, I plan well.

3. What is your career goal?

My career goal is to have a good scientific research in my subject. I want to make a significant contribution in the field of biology that will help society as a whole.

4. What is your expectation from this worksop?

Attending this workshop will help ~~me~~ me to know about the universities abroad and how can ~~me~~ I apply in various good universities for my higher education. This workshop will widen my perspective.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated now. I came to know about different career options and this workshop made me more informative. I feel more confident and satisfied and will definitely apply for U.S. universities if got a good score in GRE!!

2. Do you feel that you have a better strategy for your study?

Yes, after this workshop, I definitely have a better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, this workshop widen my perspective and now I have a better understanding on how to achieve the career goal

4. Do you feel that this workshop has been useful?

Yes, this workshop proved to be very useful and informative. I interacted with students from various disciplines and also get information about how to write CV. Also, knowledge about various universities, fellowships and how can I apply there, I hope that will help me in 2 future a lot. Also came to know about how important it is to have effective teaching methods.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MANJU, Subject: _____, Student/Teacher/Alumni

Institution/Company D.D.U.C., Address: Dwarka, Sector-3

1. What motivated you to choose STEM subject?

has inventions & researchs day-by-day, inspire me to choose this field. & I wants to do something in this field.

2. What strategy do you follow for your study?

Understanding Concepts, clear out each & every doubts. Also learn a new process.

3. What is your career goal?

I wants go to in research field, but not clearify about it.

4. What is your expectation from this worksop?

Learning Practically. Get a big ideas for learning technical studies & researches. This is my first workshop, & it motivated me largely, that my life change here & deep me in Science field.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes.
because it is actually the study of Science & new Technology. I am more & mor motivated.

2. Do you feel that you have a better strategy for your study?

I wants to goo in research field. but I don't no where I starts my Journey. After Joining this Worksho I realise, I have all answers to my question. because the main thing of this Workshop was new research & Ideas of new technology. I much more learn to my Journey.

3. Do you have a better understanding on how to achieve your career goal?

To Feel From Whole Workshop that it's clear my doubts mostly. I get a knowledge that i get my destination. The Idea of research, I found complete information. about it.

4. Do you feel that this workshop has been useful?

Yes, it is many time yes. because from this Workshop i found the way where I could/can start my research Journey.
I also ethunsiate that there is also financial help, that is a big problems in higher studies. This Workshop is very helpful for me & all of them. I think this kind Work shop should be held time-by-time.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: JAHANVI SHARMA, Subject: B.Sc (H) Phy, Student/Teacher/Alumni

Institution/Company DDUC, DU, Address: Sector-3, Dwarka N.D.

1. What motivated you to choose STEM subject?

My interest in Science.

2. What strategy do you follow for your study?

Understanding is a must to study science. I try to understand first.

3. What is your career goal?

I would definitely do something for the country and I want to make it proud. Not yet decided how I want to achieve it.

4. What is your expectation from this worksop?

I would like to explore the opportunities in this field.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, definately. It was very inspiring & informing.

2. Do you feel that you have a better strategy for your study?

Yes, a far better strategy. Now, I know how to apply for American Universities and get admissions. I know now from where to get the support.

3. Do you have a better understanding on how to achieve your career goal?

Yes, the amazing speakers told us the opportunities we have in this field and how to utilise them rightly.

4. Do you feel that this workshop has been useful?

Very, Very useful. It was a wonderful experience to meet so many people and to listen to such honoured speakers.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shaza Rizvi, Subject: MCA (Master of Computer Applicatic, Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia Address: Rokeya Hall of Girls Residence (Qld), JMI, New Delhi-110025

1. What motivated you to choose STEM subject?

Computer Science has always attracted me since my school days. I used to and I do like programming very much. Computer these days are ~~also~~ solving issues for humans and making things easier. I want to contribute in the same field.

2. What strategy do you follow for your study?

I basically dont have any particular strategy. I study what I need and want to study respective of my goals. I am enthusiastic about computer applications, I go for studies that are related to my interest. An early hour of study daily before going out is what I like in my day very much.

3. What is your career goal?

My career goal is to be a software engineer and work for an MNC for some time. ~~Later~~ Then, I want to set up my own business and enjoy doing that. I want to create ~~of~~ more opportunities in the world.

4. What is your expectation from this worksop?

I expect motivating thoughts that will enlighten me and encourage me to do more and do better. I expect series of lectures that will enlighten me and change my thoughts to better after the workshop and make my goals clearer.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, definitely I feel more motivated. By choosing a STEM field I am myself getting knowledge and apart from that I can educate others. I realised that there are plenty of options for further study in USA which are very helpful for my career.

2. Do you feel that you have a better strategy for your study?

I realised that applying for universities for further study in USA, like Phd courses and research, are better choice for a better career. I may get fellowships and scholarship that will aid my learning.

3. Do you have a better understanding on how to achieve your career goal?

My career goal is to be a software engineer and for that purpose, I think further research and study can be good option in USA. I think I have my paths more clearer than before after the workshop.

4. Do you feel that this workshop has been useful?

Yes, a very useful workshop it has been. I learned about a lot things I was not aware of earlier. I interacted with the professors and other students from different places. I came to know about many opportunities in US and how to go for it.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NABEELA RIZVI, Subject: MCA, Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA Address: JAMIA NAGAR, NEW DELHI

1. What motivated you to choose STEM subject?

Rapid advancement in technology and automation in various sectors motivated me to take computer science and technology as my core subject and area of work.

2. What strategy do you follow for your study?

I am more into learning things by focussing on their practical application and daily life usage. The easier it is to relate a subject with the day-to-day life the more interesting I find it no matter how much time it takes

3. What is your career goal?

I would like to bring about some innovation. The advancements and innovations in the field of Artificial Intelligence has always caught my attention.

4. What is your expectation from this worksop?

I expect to get a better understanding of how I can actually pursue my goal of innovating something be it through higher education or any other sort of guidance from today's speakers

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Definitely, with all the advancements the opportunities are on the rise and it is another motivating factor to have picked STEM field as my subject of study.

2. Do you feel that you have a better strategy for your study?

Yeah! applications for universities, attaining financial aid and other processes of application for admission has been clearly explained and I've a better understanding of it now.

3. Do you have a better understanding on how to achieve your career goal?

I've clearly better understanding on how to apply for research abroad & I want to pursue my PhD abroad and I really am having a direction now on how to apply for it and undergo the process.

4. Do you feel that this workshop has been useful?

It has been very useful and informative besides providing information it has motivated me to be

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NABILA SAMJ, Subject: Student, Student/Teacher/Alumni

Institution/Company MACET, Address: 19-A/1 M.K Girls P.G 40 Feeta Road Shaheen Bagh, New Delhi

1. What motivated you to choose STEM subject?

I always want to know how technology works and how its increasing day by day. So I divided to go in the field of technology, I had done B.Tech and I understand how communicating with people become easier & easier these days.

2. What strategy do you follow for your study?

I use to study everyday whom I'm interested. Ever I got tired ~~some~~ anyday some how I'm not able to do but next day I make sure myself to do.

3. What is your career goal?

Since I had done B.Tech in the field of electronic and communication so I want myself to be named among those whose had worked ~~ato~~ in the ~~fied~~ field of technology.

4. What is your expectation from this worksop?

I hope the member of this workshop help us in such a way that not only expert will get the opportunity but a normal grade student also get the chance to do something.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, before this workshop I never heard about aery STEM but this workhop was so useful. I give us a way how we have to prepare & whom we should contact after that.

2. Do you feel that you have a better strategy for your study?

Well I don't say that I have a better strategy or not but yes I'm ~~a~~ I know I will get something good if I continue myself.

3. Do you have a better understanding on how to achieve your career goal?

Before this workshop I was not getting the exetact way where should I go and what will be the path ~~th~~ but after this workshop I must say that I got the way.

4. Do you feel that this workshop has been useful?

Yes, this workhop has been very useful. It gives us a us a way how to study in abroad.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sumbul Shaheen, Subject: Comp. Engg, Student/Teacher/Alumni

Institution/Company JMI, Address: _____

1. What motivated you to choose STEM subject? ~~Science is a twist~~ From the beginning of my studies, I liked the STEM subjects more than other ~~than~~ subjects so I decided to continue my career in STEM and as I am going closer to higher studies it is becoming more and more interesting specially in the area of research.

2. What strategy do you follow for your study? - Planning what to do.
   - Go with that subject
   - Time management
   - Explore my ideas
   - Try
   - Conclude

3. What is your career goal? To go with higher studies, and contribute my research work in STEM. I want to give my contribution in the field of biological science using computer science and discover or invent something. ~~which~~ with ~~solve the problem arising etc to human and me~~

4. What is your expectation from this worksop?

This workshop is very helpful and informative for me. I expect, that after completion of this workshop when I contact with the proffessors they guide me further by mail. I still remain ~~to~~ connected with these superb scientists and proffessors.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel much motivated with the study in STEM field. It has given me lot of knowledge and as well career goal.

2. Do you feel that you have a better strategy for your study?

From my end I have a good strategy for my studies. But when I will be in contact with more experience mentor, I will have much much better strategy.

3. Do you have a better understanding on how to achieve your career goal?

Yes, after ~~this work~~ attending this workshop, I am more clear about achievement my career goal. I can plan and make better strategy to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop results very useful for me. I came to know interesenting and very informative things specially study in abroad.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SUMAN DAHIYA, Subject: Physics, Student/Teacher/Alumni

Institution/Company DTU, Address: Plot No 254/255, Rohini Sec 25 New Delhi

1. What motivated you to choose STEM subject?

From My childhood only, I was facinated about the things that were taking place around me. I always wanted to know what is the Physics behind that. So I decided to pursue my carrier in branch of Physics. learning new things always gives me motivation, motivation to do new things

2. What strategy do you follow for your study?

To achieve what I wanted to achieve, I started from my senior secondary by choosing Science as a subject of my study. Then I went for my Bachelors in Physics, then masters in Physics and now I am doing Ph.D in Physics. During my Ph.D, I want to discover something, that will help the society

3. What is your career goal?

I wanted to be a true Physist, a good scientist as well as a good human being. I want to work for the people of our country. I want to go to abroad to learn new things, to contact our country, to get a better knowledge and come back and serve my country

4. What is your expectation from this worksop?

I wanted to learn new things, new ideas from different different people. I wanted to meet new people from different different places what they are upto, what they want to achieve to make our society a better place.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, after attending the workshop, I am feeling way more motivated as I got to know more and more things about my field. What are more opportunities I can get in my field, I got knowledge about each bigger to bigger and shorter to shorter things regarding STEM.

2. Do you feel that you have a better strategy for your study?

Yes, I got a better strategy for my studies as I feel more motivated now. Having so much knowledge particularly about my field, Now I know which path I have to choose from different different paths.

3. Do you have a better understanding on how to achieve your career goal?

Yes, After knowing so many ideas, so many choices to make to achieve my career goal, Now I have a better understanding what my goal is and where I have to go and for that what kind of hard work I have to do

4. Do you feel that this workshop has been useful?

As a Ph.D student, I was knowing so many things, but I was not knowing what is the right path to follow. After attending the workshop I got to know lots of information which are so much informative that I got to know what are things that I have to keep focus on. I am highly thankful to you all that you allowed me to attend the workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2., Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: RENU KUMARI, Subject: PHYSICS, Student/Teacher/Alumni

Institution/Company DTU, Address: Ber Sarai, Delhi-110016

1. What motivated you to choose STEM subject?

Since chilhood I am very curious about the thing happening around us, and I found that physics is the subject, which will explain most of the phenomenon happening around us, so I choose "physics" as my graduation & master subject. and above all I enjoy studying science a lot.

2. What strategy do you follow for your study?

I follow following steps for my study:-

a) first, I ~~want to~~ try to understand the subject topic, & read it once fully, & highlight the complicated terms.

b) then, in second reading, I try to understand the complicated term with the reference of my topic

c) once, I understand, I try to find out it general use in real world.

3. What is your career goal?

I want to become a good researcher and scientist and apply my knowladge and work for the betterment of Humanity.

4. What is your expectation from this worksop?

through this workshop, I want to know:-

a) How I can understand any topic ~~theorem~~ deeply & efficiently.

b) what are the things happening abroad & in India related to science & what are the opportunities?

c) How I can utilise my knowladge & research work for betterment of Humanity in ge[illegible]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I always appriciate my decision to choose STEM for my studies but after attending this workshop, now I feel more motivated became through it, I got to know many opportunities available in & abroad for research & teaching.

2. Do you feel that you have a better strategy for your study?

yes, by attending this workshop now I have more knowladge about how to connect with the topic & do them efficiently.

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I know, how to apply abroad for research work and get funding through various scholarship.

4. Do you feel that this workshop has been useful?

I found this workshop very useful for me became:—

1) All the mentor are very good & their encouragment surely boosted up my Confidence

2) I got to know about different fellowship & how to apply for them.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: FATIMA AKHTAR, Subject: Biosciences, Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA Address: C-66 TOPFLOOR SHAHEEN BAGH ABUL FAZL ENCL-II JAMIA NAGAR NEW DELHI-25

1. What motivated you to choose STEM subject?

It gives me an opportunity for higher education specially in Science & technology subject through outside India. These fields (STEM) I want to serve my society.

2. What strategy do you follow for your study?

I follow my subject of interest more so that I can focussed on my particular topic of interest for deep knowledge.

3. What is your career goal?

I want to persue PHD & want to explore this vast field of science.

4. What is your expectation from this worksop?

It will strengthen & empower & encourage minority community for higher studies, various fields particulary in science technology.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, very much, now I have an idea about the direction, more focussed on science & its interdecipinary fields.

2. Do you feel that you have a better strategy for your study?

Yes, learning experience, as well as with proper phycological, behavior using different learning tools, now I can learn, or know my particular topic of interest.

3. Do you have a better understanding on how to achieve your career goal?

Yes, by focussing on my field of interest, in a better way & in right direction with full dedication & determination.

4. Do you feel that this workshop has been useful?

Yes, In these two day workshop I came to know basic difference b/w resume & CV. How I can apply for different post, learning ~~useful~~ different strategies of learning process as well as how we can apply in US universities.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: GULNAZ TABASSUM, Subject: (Biology) (Science) (BIOSCIENCES), Student/Teacher/Alumni

Institution/Company JMI, Address: I-38, F.F, Batla house, Okhla New Delhi

1. What motivated you to choose STEM subject?

I love Science & through this workshop I will get more knowledge to pursue my higher studies & in the field of Science ~~or in foreign country.~~ not only in India but wherever I want Science is logical & with logic we can achieve what we want

2. What strategy do you follow for your study?

I believe in smart study & instead wasting time on the subjects which I don't like I focus & give my full strength in the ~~one~~ subject of my intrest.

3. What is your career goal?

Knowledge is power & I want to explore myself in the field of Science & gain more & more knowledge So I want to pursue ph.d.

4. What is your expectation from this worksop?

I may get some guidance

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes very much & I feel proud that I choosed science

2. Do you feel that you have a better strategy for your study?

Yes but some times I need guidance & motivation too

3. Do you have a better understanding on how to achieve your career goal?

~~No, Not Also~~
Yes, hardwork insight direction & choosing the subject of your intrest

4. Do you feel that this workshop has been useful?

Yes, very very useful, I got to know so many things here about which earlies I was not aware of. Now, I feel confident & know alot how to apply in USA how to tackle problems.
Thank you so much

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: FIRDAUS FATIMA, Subject: BIOSCIENCES Student/Teacher/Alumni

Institution/Company Jamia Millia Islamia Address: Jamia Girls hostel, Jamia Nagar (110025)

1. What motivated you to choose STEM subject?

To know, how to proceed for higher studies in other countries specialised in Science and Technology

2. What strategy do you follow for your study?

I follow my syllabus along with I try to get knowledge from every possible means. Also I try to go to the root of every concept.

3. What is your career goal?

I want to do PhD from a renowned university as I want to go for research.

4. What is your expectation from this worksop?

It would provide me information ~~abo~~ for how to proceed for higher education from foreign countries known for science & Technology specially in U.S.A.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I ~~feel~~ feel motivated more. This workshop provide me. so many information which I actually was trying to get. I get a proper direction. now, how to proceed and in what sequence for higher studies in countries like U.S.

2. Do you feel that you have a better strategy for your study?

Earlier, before attending this workshop I didn't have but now I feel like I am more ~~focussed~~ focussed to my goal as I have now direction and route to achieve it.
Yes, Now I have better strategy for study

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I have better understanding to achieve my goal. Now, I can list down my steps and get ticked after going each of them. I have more clear cut ideas.

4. Do you feel that this workshop has been useful?

For me, this workshop is ~~much~~ successful. I got so many tips from here like motivation, direction and also the opportunity to meet such a great ~~sk~~ speakers, who ~~gave~~ ~~us~~ provided us bridge between education and being successful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Dr Sumira Tyub, Subject: Botany, Student/Teacher/Alumni/Scientific Tech Asst

Institution/Company Kashmir University, Address: Hazratbal Srinagar, J&K

1. What motivated you to choose STEM subject?

Since I was Student of medical so, I chose Plant Science as Subject

2. What strategy do you follow for your study?

I use internet for acquiring research developments and research papers. Further new methodology papers are also downloaded from various journals available on internet

3. What is your career goal?

I want to do more research in field of plant Science and publish some good papers. Further my goal is to shift to teaching line/Scientific line in any part of India or abroad

4. What is your expectation from this worksop?

It will help me to identify my goals

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated in the choice of study of Science, Plant Science which also is a STEM field.
I came to know about the scope and relevance of studying STEM field.

2. Do you feel that you have a better strategy for your study?

Yes I feel I have came to know about the better strategy of study as well as how to each in a better manner.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I got the understanding of fellowships and avenues available in united states for Indian students.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been useful and I suggest such workshops should be conducted in the Universities located in small towns also

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Saima Sajood, Subject: Biotechnology Student/Teacher/Alumni

Institution/Company University of Kashmir, Address: Hazratbal, Srinagar Kashmir

1. What motivated you to choose STEM subject?

Being a Science student, i am always motivated to learn new things in Science & technology. I hope to learn the new strategies for my research here in this workshop by listening to inspirational talks & sessions.

2. What strategy do you follow for your study?

I always keep watch over the new research in my field and i am very much enthiastic to learn the new ways & strategies. I always keep in touch with the latest research by going through research papers published.

3. What is your career goal?

My career goal is to become a successful scientist, so that I may serve the country.

4. What is your expectation from this worksop?

I expect to learn new things & get motivated / inspired by the worthy talks and sessions in the workshop. Looking forward for the lectures.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, i feel more motivated in the choice of study in STEM fields. This workshop was helpful in clearing the concept what STEM actually is. I feel really motivated to continue my studies in STEM field (Biotechnology).

2. Do you feel that you have a better strategy for your study?

After attending the workshop i can see or look for the options or fellowships about which i came to know in the workshop for continuing my career in biotechnology.

3. Do you have a better understanding on how to achieve your career goal?

Now i can ~~better~~ make a better strategy to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been really useful for me. But i suggest that STEM should organize more such programmes so that more girls students may come to know 2 & develop interest in STEM fields.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Mubashira KP, Subject: Physics, Student/Teacher/Alumni

Institution/Company JMI, Address: _____

1. What motivated you to choose STEM subject?

Science always deals with imaginations, imaging the things for solving difficulties of daily life. It researchs about Nature, and to make the life easier. From the childhood I was interested on these.

2. What strategy do you follow for your study?

I always study what I understood, if I am not clear on some topics, I will try to clarify it with teachers books and friends. Otherwise I cant ~~biher~~ study it just as studying a story or like that. All the prises are on the almighty GOD.

3. What is your career goal?

Now I am, doing MSc Physics, I want to do research in astrophysics. It was my dream from childhood. Then I will definitely switch into teaching field insha allah, which will benifit for the poorest boy in my country.

4. What is your expectation from this worksop?

I am expecting that, it will sharpen my path to achieve my dream, and it will be an inspiring workshop. IF God allows. All what I have and I will be getting are From the almighty Allah.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yeah. I felt stem is already in my blood. I like it, and I want to use it. Thats all. Thank God.

2. Do you feel that you have a better strategy for your study?

Yeah. Actually the workshop is not that much late for us. we have 1 year ~~atte~~ in front ~~oo~~ of us, so that we can do some research assistanship along with our study. So, It makes us more focused, and easier to get publications.

3. Do you have a better understanding on how to achieve your career goal?

Even now I dont have a very crystal clear idea about my career. But workshop promotes us to do internships and research works. so I ~~h~~ got a better idea to reach my goal, even if it is interdisciplinary I can utlise more.

4. Do you feel that this workshop has been useful?

Definitely, It gave ~~oo~~ us a detailed explanation and direction to study or do research in USA. It could make an awareness of the explossures and benifits of Studying in US and how to work for it. Even one student is not interested to ~~Go~~ go outside, all the sessions prof. Irving was absolutely remarkable

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 2, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: LAVINA PAHUJA, Subject: Mathematics, Student/Teacher/Alumni

Institution/Company JAMIA MILLIA ISLAMIA, Address: H No. 137/11, PRATAP NAGAR, GURGAON, HARYANA

1. What motivated you to choose STEM subject?

Ans 1 I chose Mathematics because I found it the most interesting subject and I enjoy it a lot. Mathematics is the cradle of all creations without which the world cannot move an inch. whether it is a cook, engineer, doctor, carpenter, painter and everyone, needs Mathematic in their day to day life. This is a very logical subject and has so many applications. Pure and Applied Mathematics, both have their own importance and I love the way Mathematicians have proved the theorems & formulae.

2. What strategy do you follow for your study?

Ans 2 I start with the basic understanding of the subject. Understanding of the concepts of the subject along with the examples make it more clear and interesting. Emphasis should be laid on the development of clear concept of Mathematics. The most important thing required to study any subject is HARDWORK and TIME MANAGEMENT. To stay HONEST with your subject.

3. What is your career goal?

Ans 3 To Become a self motivator. I want to succeed in a stimulating and challenging environment, building the success of the institution. Want to become a Mathematician and want to teach students and want them to know about this great wonderful subject.
I want to contribute to the better education and development of the society and so first I want to become more disciplined and focused in this field so that I could learn more.

4. What is your expectation from this worksop? I would gain knowledge about STEM.

Ans 4
- I want to know more about this subject and would feel privileged if I get opportunity to study in foreign University.
- I want to improve my skills and knowledge and so I am looking for the opportunity. I hope and wish that through this workshop, I get to know more about all such opportunities.

Thank You

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

(1) Yes. We feel really motivated and now we can actually understand the actual relation. Before the workshop, it was "Mathematics" but now I can relate it to "Science Technology Engineering Mathematics". Will try our best to study in STEM fields in a Good University so that we could gain more knowledge & better understanding.

2. Do you feel that you have a better strategy for your study?

(2) Yes, of course.
Understanding of the concept is required but now I have understood how every subject is interrelated and may be I can now study with a better approach.
Of course the strategy which I always follow remain the same but now I can even study in a more proper way.

3. Do you have a better understanding on how to achieve your career goal?

(3) Yes. Now I want to do my higher studies (Ph.D Mathematics) from U.S. as there are better Universities there and I could learn and research more if I get the chance to study in U.S. Moreover, STEM fields have more exposure and deep understanding is required.

4. Do you feel that this workshop has been useful?

Yes... This workshop has been very useful and informative and I personally feel blessed to be a part of such an amazing workshop. The topics discussed here will definitely help us deciding our future goals.
Also the games have helped us to know the difference b/n Observe & Infer in a great way. and also CV & resum
So Thankyou All for such a wonderful & informative WORKSHOP.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHAHNAAZ PARVEEN, Subject: _____, Student/Teacher/Alumni

Institution/Company ANWARUL - ULOOM DEGREE COLLEGE, Address: MALLEPALLY, HYDERABAD 500001

1. What motivated you to choose STEM subject?

By going through the invitation. I got to know that STEM is encouraging students specially empowering Womens to choose their own favourate subjects.

2. What strategy do you follow for your study?

At first, I start with scheduling the subjects. Starting from hard to the easy ones. The strategy that I follow in learning is by practicing because I have learned that practice makes man perfect.

3. What is your career goal?

Before joining in graduation I just thought of somehow I shud finish my studies and hunt for the job but later on I get to know that life is not about living for yourself but it is about how you are helping others.

4. What is your expectation from this worksop?

That it will help me to get a platform where I can Serve Others.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do because STEM is not only helping students in enrolling for studies but they are also encouraging and supporting for scholarship status. this is the exact point where the one who is thinking to go for US studies grabs the opportunity.

2. Do you feel that you have a better strategy for your study?

Yes, I do feel because the strategy that I follow for my studies. I used to feel that still there is something that is missing.

3. Do you have a better understanding on how to achieve your career goal?

Participating is the best thing you can do, because unless you participate you cannot judge what the actual thing is. Gathering information & knowledge is what you can do to explore.

4. Do you feel that this workshop has been useful?

Yes, It is because there was so much to know about. Everything was so interesting.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ayesha Nasser Bin Braik, Subject: B.Sc. Biotech, Student/Teacher/Alumni

Institution/Company Shadan College, Address: Khairtabad

1. What motivated you to choose STEM subject?

I was always passionate about Science especially the innovative side of science. Eversince I was a kid I was really creative and that's what made me choose 'Biotechnology' as my subject.

2. What strategy do you follow for your study?

The first step after setting up my mind is I make a study plan. I involve learning through social media like online tools, videos, learning apps etc. Finally I test myself if I am prepared for the test or exam.

3. What is your career goal?

A career is one the most important period in one's life. I look forward to get a unique job in my field where I can use my skills and creativity.

4. What is your expectation from this worksop?

I really enjoyed the workshop. The audience and everyone present there were so ethusiastic. I could see all the professors working and trying so hard to mould each one of us. They believed in us and encouraged us alot.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I definitely feel more motivated in my choice and I can really say that I am going on the right track.

2. Do you feel that you have a better strategy for your study?

The study plan which I've mentioned already is the way I've been studying for a very long time. But I would love to get any more suggestions and tips for my betterment.

3. Do you have a better understanding on how to achieve your career goal?

Working hard and believing in ourselves is the key to reach the peaks.

4. Do you feel that this workshop has been useful?

I am extremely previliged to be a part of this event and I feel I have found answers to many of my few questions. ~~and especially~~ and got to learn alot. I must say "It was worth it!" And Yes! Right before my final exams this workshop was a true motivation.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Omar Hassan, Subject: MS Business, Student/Teacher/Alumni
BS Industrial Engineering - Purdue
Logistics Engineering - Ohio State

Institution/Company AgBiz LLC, Address: Muscat

1. What motivated you to choose STEM subject?

Was always interested in a field that would help me link classroom learning with real world issues and STEM was my answer.

2. What strategy do you follow for your study?

Not applicable

3. What is your career goal?

To be a student mentor in addition to my professional career that already exists.

4. What is your expectation from this worksop?

Wanted to contribute to my bit and answer students questions

Omar Hassan - OSU Alumni

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

N/A

2. Do you feel that you have a better strategy for your study?

N/A

3. Do you have a better understanding on how to achieve your career goal?

N/A

4. Do you feel that this workshop has been useful?

Yes, extremely useful, especially for students.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: G. Lavanya Chandra Gotike, Subject: English, Student/Teacher/Alumni

Institution/Company Govt. Junior College, Address: Bollarum Secunderabad 500010 Medchal District

1. What motivated you to choose STEM subject?

To improve and develop English language skills in female students studying in Govt. Junior colleges; which later helps in choosing their career, job prospects.

2. What strategy do you follow for your study?

- lecture cum discussion method.
- practice method.

3. What is your career goal?

- To develop Language skills in students studying in Govt. Junior colleges
- To encourage the students, speak fluently in English through Biological sciences.

4. What is your expectation from this worksop?

It would help me in my professional development.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I was motivated from the point of view of my students because they were fortunate to be exposed to UG and PG programmes through WOMEN IN STEM ROADSHOW.

2. Do you feel that you have a better strategy for your study?

Yes a better strategy through this Roadshow.

3. Do you have a better understanding on how to achieve your career goal?

Yes a better understanding through Education U.S.A to achieve Career goals.

4. Do you feel that this workshop has been useful?

The Workshop was very useful because it exposed all the participants various steps regarding Education U.S.A, the minimum knowledge of the things ahead in their Education and Career building.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Deepika Suram, Subject: MATHS ✓, Student/Teacher/Alumni

Institution/Company Govt. Junior college, Address: Bollaram, Secundrabad, Dist: Medchal

1. What motivated you to choose STEM subject?

TO improve communication skills and mathematical knowledge in students.

2. What strategy do you follow for your study?

Lecture and practice method.

3. What is your career goal?

Make my students perfectly in mathematics and carries in guidance.

4. What is your expectation from this worksop?

It would help in guiding my students in career guidance and as well helping me in my professional development.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, it is motivated to improve the knowledge. and impart to the needy students.

2. Do you feel that you have a better strategy for your study?

Yes, A better strategy through this workshop.

3. Do you have a better understanding on how to achieve your career goal?

Yes, a better understanding through women in stem road show.

4. Do you feel that this workshop has been useful?

Yes, I feel very happy about this workshop. It is very useful to make the students perfect in guiding their caggies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Nameera Taj, Subject: BSC, Biotech, Student/Teacher/Alumni

Institution/~~Company~~ Shadan degree clg Address: Raj Bharan Road, Khairatabad Hyderabad.

1. What motivated you to choose STEM subject?

Science is an intresting subject which I love to study as we can know about everything, like detailed study of human body and its secrets.

2. What strategy do you follow for your study?

I like studying in peaceful environment. I highlight the important points so that it is easy for me to revise before any exam. I hate mugging up. I prefer reading it load and understanding it.

3. What is your career goal?

I want to do MSC in medical biotechnology and then PH.D in medical biotechnology. I'm very keen to work in Research center.

4. What is your expectation from this worksop?

I hope I get information about different fields.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, because we can choose any subject of our interest and study, research and know it deep. And know the prespective about my subject from other country people.

2. Do you feel that you have a better strategy for your study?

Yes, but if I have to improve myself, Researching more about the subject through various ways. Using net and pages from where I can get more information.

3. Do you have a better understanding on how to achieve your career goal?

Yes, after attending the STEM Roadshow workshop. I got a better understanding how to achieve my career goal. And what should I follow to achieve my career. And start planning it early.

4. Do you feel that this workshop has been useful?

Yeah, it is very useful & it made me feel Confident. And it is inspiring.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shagufta Parveen, Subject: Computer Science (B. Tech), Student/Teacher/Alumni

Institution/Company: Shadan Women College of Eng & Tech, Address: Khairatabad

1. What motivated you to choose STEM subject?

⇒ It helps us to get various job prospects in USA.

→ It offerss various learning & teaching opportunity in USA.

2. What strategy do you follow for your study?

I usually prepare my notes through various books.

I usually study by referring simple notes and usefull information.

3. What is your career goal?

I wanna become a good professional software developer in an organised company. To do job and become a successfull women.

4. What is your expectation from this worksop?

→ Learning Techniques of various fields of science & Technology.

⇒ Prospective way of further study in USA.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do.

2. Do you feel that you have a better strategy for your study?

Yes, STEM shows better way to study and fullfill our dreams.

3. Do you have a better understanding on how to achieve your career goal?

Yes, It shows different way of achieving goals and aims to and also to have a better career.

4. Do you feel that this workshop has been useful?

Yes, For studying in USA through STEM is usefull. It really motivates a womens to work, learn and achieve their dreams.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: HAFEZA JABEEN, Subject: B.Tech (CSE), Student/Teacher/Alumni

Institution/Company Shadan W'Clg of Engg & Tech, Address: Khairatabad

1. What motivated you to choose STEM subject?

It gives many job opportunities, motivates WOMEN's education especially in science.

2. What strategy do you follow for your study?

I prepare a schedule or time table that, which subject I have to start first and finishes all the subjects before the exams. I mainly study from notes which is given by a lecturer.

3. What is your career goal?

→ To get a position in a organisation that gives me an opportunity for self improvement & leadership

→ To become a successful Software Engineer.

4. What is your expectation from this worksop?

→ To continue Further Studies from USA.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. I do.

2. Do you feel that you have a better strategy for your study?

Yes.

3. Do you have a better understanding on how to achieve your career goal?

Yes, It explains how to achieve your career goal.

4. Do you feel that this workshop has been useful?

Ofcourse, it is useful. It really motivates a women to become a scientist.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sujatha Kolikipamula, Subject: Physics, Student/Teacher/Alumni

Institution/Company Government Junior College, Address: Bellampam Mandal District.

1. What motivated you to choose STEM subject?

As it develops reasoning capability & aptitude. Interested in Mathematics & Physics. It helps in getting settlement carrier.

2. What strategy do you follow for your study?

· Lecture cum demonstration.

3. What is your career goal?

Enable my students to attain knowledge in Physics.

4. What is your expectation from this worksop?

To get Opportunity to encourage female students to choose STEM as their main subjects.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. It motivated me. If I do research work i.e Ph.d definitely I will do in STEM only.

2. Do you feel that you have a better strategy for your study?

Yes, I will put my efforts to put 2 hours ~~for my~~ to get better knowledge in STEM

3. Do you have a better understanding on how to achieve your career goal?

Yes.

4. Do you feel that this workshop has been useful?

Yes, It motivated me to encourage students to continue the STEM as their main subjects and making them ~~to useful to~~ society ~~and as well as to country~~ better citizens.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: ARIBA MARIFATH HUSSAIN, Subject: Bio/Micro/Chem, Student/Teacher/Alumni

Institution/~~Company~~ SHADAN DEGREE COLLEGE FOR WOMEN, Address: Khairtabad, Hyd 500004

1. What motivated you to choose STEM subject?

I was always interested in studying more about life. My Subject is Science. It was my curiosity that motivated me to pursue my career in Science. I am very curious to study more and more about the human body.

2. What strategy do you follow for your study?

I listen to all my lectures very attentively. This makes the concept very easy to study. The priority to study is Understanding. I understand the concept and this make my study easy. I study for my exams beforehand.

3. What is your career goal?

I would like to proceed my career in the field of Science particularly the research work. The research field has always fascinated me. I hope I achieve my career goal in the research field.

4. What is your expectation from this worksop?

I think this very workshop will be of great help to me in providing a subtle picture of opportunities in ~~my~~ to pursue my career. It would be a useful exposure to set my mind for future studies. It will be a great avenue for my career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated and relieved ~~to~~ that I chose the STEM fields. Actually I am lucky to have made the right choice.

2. Do you feel that you have a better strategy for your study?

Yes, My brain is working now. I have a better strategy for my study now.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I understood ~~it~~ on how to achieve my career goal. Anything in life require prior planning. I am clear that I have to achieve my career goal in STEM.

4. Do you feel that this workshop has been useful?

Yes, It was extremely useful. It has widened my vision towards my career goal. I have the got the subtle picture for the further study.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ayesha Fatima, Subject: _____, Student/Teacher/Alumni

Institution/Company Shadan degree College, Address: 11-2-557/A, Aghapura, Khairtabad, Hyd (500004)

1. What motivated you to choose STEM subject?

Since my school years I have always been interested in science. Every time it had something new, and enthusiastic to teach me. So maybe from the start I had an intuition kind of feeling to make my career in this field.

2. What strategy do you follow for your study?

'I need to score better than last semester' that's what I always keep in my mind. I need to stand out of the crowd, I don't have to do what majority of women in our country do. My purpose is more than that. If I educate myself now, I'm going to empower my present and future too.

3. What is your career goal?

As for now I have thought to pursue my masters in forensic science.

4. What is your expectation from this worksop?

I hope this workshop helps me explore all the possible better career options for me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do. This workshop has motivated me a lot by letting me know there's a bright future in the science field.

2. Do you feel that you have a better strategy for your study?

Yes, maybe.

3. Do you have a better understanding on how to achieve your career goal?

Yes. The workshop has guided me well on it.

4. Do you feel that this workshop has been useful?

Yes it truly has been useful, motivational and inspirational.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 01, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SAHERA BEGUM, Subject: B.Sc [Bio-chemistry] Student/Teacher/Alumni

Institution/Company SHADAN DEGREE COLLEGE Address: (11-1-215/4 AGHAPURA, HYDERABAD KHAIRTABAD, HYDERABAD (500004))

1. What motivated you to choose STEM subject?

From childhood i hate Science & Biology and am crying like a devdas. when said the Science & Biology exams comes. So my mamma Call my science teacher & her to give me tution and am only one student in my tution class & so she concentrate me only and on that time My teacher said. "Science is like a chocolate if you are chewing then you not get that type sweet taste but if you are rolling and rolling [sucking] in your mouth then u'll get a more sweet taste. so on that time and that teacher is motivate to choose me Science subject

2. What strategy do you follow for your study?

My strategy is to follow to my study is i eat when i study the exam mean for preparation. Most of the time i follow my mumm advise and it help me alot. and My father help me in each and every subject how to study. and most of the time. i follow my parents instruction ~~study~~ and i also follow the APJ Abdul kalam azad and my motivator of my studies is APJ Abdul kalam Azad.

3. What is your career goal?

Actually my Career goal is to become a doctor but for some reasons i Can't and know my Carrier goal is to go in a research field and i want to do Ph.D. in Bio-chemistry and also i want to do work with the most talented Scientist as a assistant and also my Career goal is to became a good wife and good mom.

4. What is your expectation from this worksop?

My expectation from this workshop is to know in what way should i do my study or work and getting huge knowledge from this workshop and i want to go the United state for completing my post graduate. So i want or expect that scholarship for my good study.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, ~~as~~ i feel more motivated from yesterday onwards from this workshop only.

2. Do you feel that you have a better strategy for your study?

Yes, I feel or i get better strategy from this workshop for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, b/ better understand what should i do or which way should i do.

4. Do you feel that this workshop has been useful?

Yes, this workshop is very useful & helpful to me.
I am very glad ~~for~~ to being here.
Thanks for this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: B Tejaswini Batta, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company Osmania University College Address: Nallakunta Koti - Hyderabad

1. What motivated you to choose STEM subject?

I have heard about this and thought it would help me through, to get to know new things & how it is in other countries too.

2. What strategy do you follow for your study?

I first read the topic thoroughly, then make important points and understand the topic. And then remember it.

3. What is your career goal?

I would like to see myself as a proffessor in chemistry.

4. What is your expectation from this worksop?

I think, this workshop would help me in way to reach my goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, since school science always made me excited to know how things work, the way they work. choosing science right after x grade was exciting but was hard to understand in the beginning but intrest took over & drived me to Masters.

2. Do you feel that you have a better strategy for your study?

I realised that i have to do many things in addition to what i do now.

3. Do you have a better understanding on how to achieve your career goal?

Yes, after the workshop, i got to know many things which i just heard of, but now i have more better & a clearer understanding of how to reach my goal.

4. Do you feel that this workshop has been useful?

It was very useful, as i had a wider view of ~~that~~ came things i^ know & learnt many new things by having good interactions here.

Buc

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 06, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Vaishnavi Bandaru, Subject: Mathematics ✓ Student/Teacher/Alumni

Institution/Company Govt. Junior College Bollaram, Address: Bollaram, Medchal District.

1. What motivated you to choose STEM subject?

I came here to know about it and gain some knowledge about it and to take interest in the topics to improve my skills.

2. What strategy do you follow for your study?

I will read the topics thoroughly and makes notes out of it which will be easier for me to understand the subject in a better way.

3. What is your career goal?

As I like the mathematics the most, I want to excel in mathematics.

4. What is your expectation from this worksop?

As I came from poor background, I am looking forward for greater opportunities like financial assistance for my further studies, in order to make my dreams come true.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I felt more motivated ~~to~~ in choosing the choice of study in STEM fields ~~by~~ through my principal Mr. Srinivasulu Batta and also my teachers like Mrs. Sujatha, Mrs. Lavanya and Mrs. Deepika.

2. Do you feel that you have a better strategy for your study?

Yes, I do have a better strategy for my studies ~~from~~ STEM fields, because as I came from poor background, I want to fulfill my dream goal.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I had a better understanding to achieve my career goal by your motivation and Inspiration.

4. Do you feel that this workshop has been useful?

Yes. It is very useful to me and as well as most of the women who are not able to study and continue their further studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SYEED UNNISA BEGUM, Subject: MZC, Student/Teacher/Alumni

Institution/Company Shadan Degree College, Address: Shadan degree college, Khairtabad 500004 HYD. T.S.

1. What motivated you to choose STEM subject?

STEM stands for Science, Technology, Engineering, Mathamatics, I motivated ~~for~~ because I can gain the knowledge of all those subject's and I thought it was a good opportunity to acquire it

2. What strategy do you follow for your study?

my strategy is for study is understanding what I was learning and acquiring. knowledge, of my Subjects which is helpful to future and it give's better understaing Subject by knowing the subject language (ii) Subject terminology

3. What is your career goal?

I'm pursing B.S.C in microbiology. and my career goal is Research scholar(or) Scientist to be

4. What is your expectation from this worksop?

In this workshop expectation is to gain the knowledge and to receive the information about how to become Scientist

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I feel motivated in my field of Science and also in The other Subjects information which is really valuable to me.

2. Do you feel that you have a better strategy for your study?

After listening the Road show of stem field. I really feel that I have to improve more Strategies of Studies which is essential to become a Sucessful person in Any of the field of career. and it make's a person intalligent

3. Do you have a better understanding on how to achieve your career goal?

Yes I undesstand how to achieve a career goal by Sharing us the life experience of Farida Hussain, Dr, Irving, Dr Sultana which is I got the ideal how to deal a creatical Situation in life and balancing the personal life to Achieve a career goal.

4. Do you feel that this workshop has been useful?

Yes I feel this workshop is very useful not only for me but also all womens. This workshop is very interesting. and it gave us the knowledge of all the Stem fields, opportuni career goal, and it is a unforgatable memory to me

Thank you.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number 06, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Lakshmi Dongallolu, Subject: Student in mathematics. Student/Teacher/Alumni

Institution/Company Govt. Junior College Address: Bollaram, Medchal District

1. What motivated you to choose STEM subject?

(A) To develop technology. It is a part of our life.

2. What strategy do you follow for your study?

learning and practising from basics.

3. What is your career goal?

To excel in mathematics.

4. What is your expectation from this worksop?

To realize my dreams.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I feel more motivated of study in ~~Stem~~ STEM fields because it develops the technology

2. Do you feel that you have a better strategy for your study?

Yes. It makes us in these subjects perfection.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I have a better understanding to achieve my career goal. Excel is mathematics.

4. Do you feel that this workshop has been useful?

Yes this workshop has been useful to develop the female education.

THE OHIO STATE UNIVERSITY [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 06, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Vaishnavi . Makala, Subject: Student of Mathematics Student/Teacher/Alumni

Institution/Company Govt. Junior College, Address: Bollaram, Medchal District

1. What motivated you to choose STEM subject?

As I'm interested in reasesch there is a scope ~~of~~ in there subject and it increases my intellecutal thinking.

2. What strategy do you follow for your study?

Learning from basics and practising to get perfection.

3. What is your career goal?

To excel in mathematics

4. What is your expectation from this worksop?

Looking forward for greater opportunities

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, there is a scope in research in these subjects

2. Do you feel that you have a better strategy for your study?

Yes, I have the strategy to get perfection

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a better understanding to now to excel in mathematics

4. Do you feel that this workshop has been useful?

Yes, I have realized my dreams with your support.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 06, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Mounika Bandi, Subject: Student/Biology, Student/Teacher/Alumni

Institution/Company Govt Junior college, Address: Ballaram, Secunderabad 500010 medchal district.

1. What motivated you to choose STEM subject?

To improve study kills. To know idea about future studies. ~~study~~.

2. What strategy do you follow for your study?

Learning from basics practising to get perfection I follow systematic study.

3. What is your career goal?

Became an Nurse.

4. What is your expectation from this worksop?

To realize my dreams

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I felt more motivated in study of stem field. There is a scope in research in these subject.

2. Do you feel that you have a better strategy for your study?

Yes; practising & systematic study to get better perfection.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a better understanding how to achieve my goal with your motivation

4. Do you feel that this workshop has been useful?

Yes. I have realized how to go on future study with your support.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Geetha Thumma, Subject: MATHAMATICS Student/Teacher/Alumni

Institution/Company Sri Gurudatta high school, Address: Nallakunta - HYderbad

1. What motivated you to choose STEM subject?

Basically from my childhood I used to like mathamatics very well when I started to go a bit deeper I found out that I can applie mathamatics in enormous number of fields like science, technology and engeneering and acheive good results.

2. What strategy do you follow for your study?

First I will read the read the topic that will give me basic knowledge of what I am trying to study then I will dig deeper in to it by reading topics from various sources and come to a sound understanding in that topic.

3. What is your career goal?

As I love teaching profession, I would like to continue teaching and excel in it.

4. What is your expectation from this worksop?

I expect to learn new things which would help me in my career.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. I do feel motivated in mathamatics. Even more after the workshop where you elucidated how I can apply it in different fields.

2. Do you feel that you have a better strategy for your study?

Yes. I feel I have better strategy and I feel there is a need to improve it to make it even better.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I feel I got a better understanding on how to acheive my career goal.

4. Do you feel that this workshop has been useful?

Yes. I deeply feel this workshop hasbeen very useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Pallavi Moturi, Subject: Mathematics ✓, Student/Teacher/Alumni

Institution/Company Govt. Junior college, Address: Bollaram, Medchal district.

1. What motivated you to choose STEM subject?

Our principal Mr. Srinivasulu Batta and our teachers motivated to me to choose STEM subject. As I am studied about Newton while he sitting near tree he observed an apple falling down the tree. then he found gravitation. In the same way the habit of keen observation motivated to choose stem subject.

2. What strategy do you follow for your study?

By reading and understanding the books and making short notes.

3. What is your career goal?

To become an Engineer.

4. What is your expectation from this worksop?

As per my knowledge I expect that I can continue my studies and have a bright future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I am motivated to choose STEM by my teachers and by attending workshop

2. Do you feel that you have a better strategy for your study?

Yes, I have a better strategy.

3. Do you have a better understanding on how to achieve your career goal?

After attending workshop I got more better understanding to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been useful and I learned many unknow things to achieve my career goal

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 06, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MAHA LAKSHMI KESHAVA, Subject: MATHAMATICS, Student/Teacher/Alumni

Institution/Company GOVT. JUNIOR COLLEGE, Address: BOLLARAM MADCHAL DISTRICT
Bollaram

1. What motivated you to choose STEM subject?

I came known about it and take interest in the topic. To improve the skills and to get good communicates es communication.

2. What strategy do you follow for your study?

I will read the topic very well. After that I can understand better the topic to do anything is new in that.

3. What is your career goal?

I like mathematic very much. I want Excel in mathematic

4. What is your expectation from this worksop?

I am looking forword to good opportunities from workshop.

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. I felt more motivated in choosing of study in STEM fields. Because I want to realize my goals.

2. Do you feel that you have a better strategy for your study?

Yes. I felt that i have a better strategy for study. Because I am came from a poor background. with your help I can achieve ~~the~~ my carrer goal.

3. Do you have a better understanding on how to achieve your career goal?

I have a better understanding on achieving the carreer goal. I have to realize my dreams & I ~~am~~ have a Zeal to achieve my goal.

4. Do you feel that this workshop has been useful?

Yes The workshop has been useful, Specially for women. I am happy that. I ~~was~~ ~~pat~~ got ~~choice~~ a good experience take part in this Programme ~~to know the STEM fields.~~

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: HAFSA SABEEN, Subject: BTech (CSE) Student/Teacher/Alumni

Institution/Company Shadan women's college of Engg & Tech Address: Khairatabad

1. What motivated you to choose STEM subject?

→ To study about technologies and
→ For job opportunities

2. What strategy do you follow for your study?

→ Prepone the timetable before
→ Make my own notes
→ ~~Leave~~ Disconnect from social media

3. What is your career goal?

→ Higher studies in best University
→ Apply my knowledge for organization & benefit them

4. What is your expectation from this worksop?

→ Productive Knowledge
→ Easy to approach for higher studies

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes

2. Do you feel that you have a better strategy for your study?

Yes

3. Do you have a better understanding on how to achieve your career goal?

Yes

4. Do you feel that this workshop has been useful?

Yes. It say about many things like physics, astronomy, general activities.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sameesa Fatima, Subject: CS(B.Tech) Student/Teacher/Alumni

Institution/Company SWCET, Address: Khairtabad, Hyd.

1. What motivated you to choose STEM subject?

Various job opportunities, predictive learning, & stable career.

2. What strategy do you follow for your study?

Listen to the lectures carefully, taking notes, clarifying doubts.

3. What is your career goal?

To be able to become a successful software developer and utilize my technical skills & contribute to the growth of the organizatn.

4. What is your expectation from this worksop?

→ Better decision making, being independent & to have a view on how to utilize my skills in a proper way.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do.

2. Do you feel that you have a better strategy for your study?

Yes. I had a strategy before to study but
& better.
after the workshop I have more ideas & strategies
to study and achieve my goals.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I do have a clear perspective now
hope to work on achieving them.

4. Do you feel that this workshop has been useful?

Yes, definitely.
I felt that all the lectures and view points
were so interesting and realistic, and it made
me understand how to pursue my ~~[illegible]~~
further studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Fatma Mohd N Sabiri, Subject: B TECH/CSE, Student/Teacher/Alumni

Institution/Company SHADAN WOMENS COLLEGE OF ENGNG AND TECHNOLOGY, Address: KHAIRATABAD

1. What motivated you to choose STEM subject?

(a) It helps us to stay update – keeping up with the latest technology.

(b) It makes us innovative.

(c) Renumerative job opportunities

2. What strategy do you follow for your study?

(a) Write down a plan / schedule that gives me an overall picture of how and when to study.

(b) Concentrate in class, so as to not miss out on the lectures.

(c) Being flexible and patient so as to manage my time.

3. What is your career goal?

To be able to apply my knowledge of computing, maths and eng. appropriately.

4. What is your expectation from this worksop?

→ Better understanding of applying for further studies / programs in the US.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do.

2. Do you feel that you have a better strategy for your study?

Yes, I do feel I have a better strategy.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a clear perspective now and hope to work towards achieving it.

4. Do you feel that this workshop has been useful?

Yes, definitely.
STEM workshop conducted have exceeded my expectations, I came to know more about the various methods/techniques through which further studies can be pursued in the US.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: RAHATHUNNISA BEGUM, Subject: M.PHARMACY PHARMACOLOGY, Student/Teacher/Alumni

Institution/Company G.PULLA REDDY COLLEGE OF PHARMACY, Address: MEHDIPATNAM, HYDERABAD.

1. What motivated you to choose STEM subject?

Science and Mathematics are the only subjects which enables us to bring our thoughts into Reality in a creative manner.

2. What strategy do you follow for your study?

I would like to follow smart strategies for my studies.

3. What is your career goal?

My ambition is to become a scientist

4. What is your expectation from this worksop?

May be through this, I would be getting an opportunity to study and work in an International University, In shaa Allah!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, It provide a safe working environment and good working conditions.
It offer a fair wage and benefits.

2. Do you feel that you have a better strategy for your study?

1. Repetition
2. Applied learning

3. Do you have a better understanding on how to achieve your career goal?

1 Learn from the success and failures of others.
2. I can perform better under observation.

4. Do you feel that this workshop has been useful?

Yes, I do.
It encouraged and motivated me to hit the boundaries and face new challenges.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AFZALUNNISA BEGUM, Subject: M.PHARMACY, Student/Teacher/Alumni

Institution/Company G.PULLA REDDY COLLEGE OF PHARMACY, Address: ~~10-1-1090 A.C.GUARDS~~ MEHDIPATNAM, HYD.

1. What motivated you to choose STEM subject?

I choose science subject as it teaches an understanding of natural phenomena

2. What strategy do you follow for your study?

"Punctuality" and "Dicipline"

3. What is your career goal?

* To achieve maximum knowledge from society of science and technology
* be an inspiration * Help others to solve their problems

4. What is your expectation from this worksop?

Interactive and Helpful to gain thoughts about Scuence, Technology and Maths.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

YES, A STEM → Is TO STEP IN A NEW WORLD
→ TO DO WHAT OUR MIND AND HEART SAYS.

2. Do you feel that you have a better strategy for your study?

→ STANDS FOR YOURSELF
→ KEEP ATTATCHMENT WITH SCIENCE EVERY DAY

3. Do you have a better understanding on how to achieve your career goal?

YES, TO STEP OUT OF THE BOUNDARY MADE AROUND OURSELVES.

4. Do you feel that this workshop has been useful?

(1) YES! IT
→ SUPPORTS
→ REJOICE
→ ENCOURAGES
WOMENS EDUCATION AND GILR'S POWER
(2) PROVIDES JOB OPPORTUNITIES.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Nusrath Unnisa, Subject: BTech (CSE), Student/Teacher/Alumni

Institution/Company Shadan Womens College of Engg & Tech. Address: Khairatabad.

1. What motivated you to choose STEM subject?

STEM subjects are very interesting and we can choose any STEM.

2. What strategy do you follow for your study?

Daily after coming what they teach that I will Prepare I will help me before exams.

3. What is your career goal?

I want to do MS (Computer Science) from USA.

4. What is your expectation from this worksop?

Some thing interesting for my goals.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes, I have better strategy for my studyins.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have better understanding to achieve my careeer goals. Thanks for inspiing me to achieve my careeer goals.

4. Do you feel that this workshop has been useful?

Yes, It was very useful for me and I got motivated and inspired by all the members and what they said for achieving my careeer goals. I was very usefull.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad ✓, Kolkata, Kurnool, Patna

Name: NAZIMA SULTANA, Subject: Computer Science <B.Tech CSE>, Student/Teacher/Alumni

Institution/Company Shadan womens Colg of Eng & Tech, Address: 11-3-357/16/3/6 Srinivas nagar. (Sec-bad) (Khirthabad)

1. What motivated you to choose STEM subject?

- To Study MS in other country.

2. What strategy do you follow for your study?

-> Plan according to the time table which will make one month before of Exam.

3. What is your career goal?

-> To work in a good company. And Study MS

4. What is your expectation from this worksop?

- Some thing inspiring about education.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

- Really very inspiring for the MS going to study in US. And very much encouraging for women to go further study in US. I am really interest for working with STEM and specially with Sultana N. Nahar. She is a role model for me in STEM workshop

2. Do you feel that you have a better strategy for your study?

- Yes, I feel that you have a better strategy for study while study daily minimum 2 hours and specially revise and revise and plan for the next day. with this you can improve you memory power.

3. Do you have a better understanding on how to achieve your career goal?

- Yes, thanks for inspiring for our career goal in a better path or manner that we can fulfill our dream and achieve our goals.

4. Do you feel that this workshop has been useful?

Yes, it was very much useful for me, because I can Explain my parents to send me out for the study in other country. And it was useful in education field also.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 01, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Zeenath Unnisa Begum, Subject: Microbiology, Student/Teacher/Alumni

Institution/Company Shadan dgr College, Address: Khairtabad, Hyderabad 500 - 004, Telengana.

1. What motivated you to choose STEM subject?

The 'STEM' stands for -- Science, Technology, Engineering and Mathematics. I am very much interested in Science subjects. Specially the biology. because of Science I get motivated. and I personally like it and enjoy reading and researchingon Science topic.

2. What strategy do you follow for your study?

I Like "Smart Strategies" for my studies.

3. What is your career goal?

To become a "Teacher" or "Lecturer" in Science field.

4. What is your expectation from this worksop?

By participating to The Ohio State University may be I'll get the opportunity for Job.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, I feel more motivated in my choice of study in STEM-fields.

2. Do you feel that you have a better strategy for your study?

yes, I feel!.

3. Do you have a better understanding on how to achieve your career goal?

Yes.

4. Do you feel that this workshop has been useful?

yes, the Workshop is very useful for every "Student and Teacher."

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sufiya khan, Subject: B.sc (microbiology) Student/Teacher/Alumni

Institution/~~Company~~ Shadan Degree College Address: Khairtabad (H.Y.D) 5000-004 Telangana

1. What motivated you to choose STEM subject?

The best thing which motivated me to choose STEM is as it is only for the women women encouraggement etc. I am very happy for this because by this not only me but all the womens.

2. What strategy do you follow for your study?

I am always a hardworking student. I believe in myself. I think that there is no impossible for a women. This strategy helps me so much.

3. What is your career goal?

I want work in foreign countries as a "Microbiologist."

4. What is your expectation from this worksop?

I expect that this workshop has encourage me and all womens. It shows the importance of women in STEM field.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, I feel more mohivated in my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

yes, I feel I have a better strategy for your study.

3. Do you have a better understanding on how to achieve your career goal?

I have a better understanding to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes, I feel that this workshop has been much useful for me and everyone.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 01, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Mariyam Khan, Subject: Microbiology Student/Teacher/Alumni

Institution/Company Shadan Degree College, Address: Khairtabad, Hyderabad 5000-004. Telangana.

1. What motivated you to choose STEM subject?

As It is for the welfare of womens and womens encourgement. it motivated me to choose the Stem. STEM subject is very intersesting as it include Science, tecnology and maths.

2. What strategy do you follow for your study?

Concentration and hardworking. is my strategy for my studies because without concentration we cannot understand any thing and hardworking is the key of sucess.

3. What is your career goal?

I want to do my masters and to become a lecturer (masters in microbiology)

4. What is your expectation from this worksop?

Interactive, apporunity to ask questions, providing stipends for education in us universites.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated.

2. Do you feel that you have a better strategy for your study?

Yes, I think I have a better strategy for my studies because. I believe ~~to~~ hardworking and concentration is the main for achieving something. By applying this I am also sucessful till now in may all the exams with in 1st divison

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have the better understanding on how to achieve my career goal by open mind, free to accept opportunity that comes.

4. Do you feel that this workshop has been useful?

Yes, this workshap has been very useful for me. It gave me the opportunity to meet wonderful, experience & friendly people like ovall. It increases my skills, I have learned many things like coming forward for our position in society, higher studies, self confidence. Thank you for all your affo

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHAMA, Subject: Biotechnology (M.Sc), Student/Teacher/Alumni

Institution/Company University of Hyderabad, Address: Room no - 134, LH-7, South campus University of Hyderabad.

1. What motivated you to choose STEM subject?

Since, my childhood I was so curious about knowing the nature & the reason behind it that why it is happening. for each thing, my Question is why it is happening. especially the life science fascinated me a lot, so I decided to choose science as my career choice, which made me happy.

2. What strategy do you follow for your study?

For my study, I believe in continuous & regular study in order to get more & more knowledge. Apart from regular study, I used to do the things experimentally.

As I like to study in peaceful environment. for each subject, I study the finer details & conceptualize the things very well, which help me to build up a good concept & grip on that subject. I don't believe in study just ~~before~~ one day ~~exam~~ before exam.

3. What is your career goal?

As a curious student, my goal is to be a innovative researcher & contribute to society through my research. Apart from that, I want to be a good teacher & want to motivate the students to pursue their career in science field.

4. What is your expectation from this worksop?

As, now I am in final year of my master degree, & thinking to apply for PhD in U.S. so I will be expecting that this workshop is going to help me to ~~i~~ inculcate understand about the benefits to get in U.S universities & how can I accelerate my career there and also about funding in U.S

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, Since my childhood my slope of interest towards the science & always wanted to be in STEM field. This workshop, a booster to
I gave my interest in science & be continue in some field.

2. Do you feel that you have a better strategy for your study?

Yes, but upto some extent, I felt I need to do little changes in my strategy for study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, but still I feel that I need advice from experts in order to make a effective plane to achieve my career in an effective way.

4. Do you feel that this workshop has been useful?

Yes, the workshop was too useful in many aspects, ~~which~~ I which enabled me to understand the different aspects about how can I get in U.S university & how to make the good resume, which has its own importance while applying in any university abroad. :2

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Rahath Rafeeq, Subject: BSc. Biotech Student/Teacher/Alumni

Institution/~~Company~~ Shadan Degree College, Address: Khairtabad.

1. What motivated you to choose STEM subject?

~~Workshops give us exposure to the outside world.~~
I was always interested in Science, in knowing more about my ownself and also the useful applications of it. I can't really put a finger on why it amuses me, but it does.
I want to make great use of the technology and the advancement in Science.

2. What strategy do you follow for your study?

I prefer studying in a quiet environment which I don't usually get in the day time. So I study at nights. And I don't really like piling up my work, so I study daily. Also I don't appreciate mugging up something so I use Youtube & Google to understand the concepts in a more detailed way so that I don't have to mug up. Apart from those I'm really ~~into~~ very much into reading books. It helps!

3. What is your career goal?

I wanna work in Research field. I am really Interested in Medical Biotechnology and also nanotechnology. I wanna put my knowledge to some practical use. I want to pursue MSc. Biotechnology and Ph.D as well and see if I can get a job in some research center.

4. What is your expectation from this worksop?

Workshops give us exposure to the outside world. I really hope I can get info about the new fields apart from mine. Guidance is the one thing I expect.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. The workshop has helped me gain confidence about my Subject and field. I don't feel am doing something small as I used to feel earlier. Its really interesting to know about the appreciation STEM subjects get outside and also in India.

2. Do you feel that you have a better strategy for your study?

Yes but I got some more points to consider and I will implement them for sure. It really helped me get a reality check about my strategy and it also boosted me to find a new one.

3. Do you have a better understanding on how to achieve your career goal?

Definitely. I'm still not sure about my career goal but I definitely know how to get there. I mean I know how and where to research about it. I know what prior experiences I need to have to achieve my goal.

4. Do you feel that this workshop has been useful?

Useful and Inspiring. Listening to the POV's of the speakers made me feel confident and dream big. Before the workshop I had a narrow perspective about my subject but now I know various applications of it.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sana Begum, Subject: MBC, Student/Teacher/Alumni

Institution/Company Shadan Degree College Address: 10-1-580/582 Chintal Basti Khairatabad Hyderabad T.S

1. What motivated you to choose STEM subject?

STEM motivated me choose it to gain knowledge about the other subject like Engineering & mathematics. As I'm a Science Student but also wanted to know the other subjects.

2. What strategy do you follow for your study?

My strategy to study is to understand what we are studying rather than mugging up the things.

3. What is your career goal?

My career goal is to become a professor and teach MBBS students.

4. What is your expectation from this worksop?

Expectations are to gain something knowledgible from this workshop. And I hope this will be useful to me in future and I seek opportunity

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. that was an very motivated and yes all the experts inspired us all a lot. Now we know that what gonna we do with our future and they not only motivated us but also shows the way to reach their.

2. Do you feel that you have a better strategy for your study?

Yes. ~~they~~ STEM experts gave us an better Strategies to study what we wanted to by means of they advice and encouragem and by examples of their lifes.

3. Do you have a better understanding on how to achieve your career goal?

Yes. By their advice and speeches a we have better understanding that how to reache your goal "It is not easy, but we have to ~~bea~~ work really hard & get it" This what we understand by the experts.

4. Do you feel that this workshop has been useful?

STEM is an great workshop and opportunities for the young generation and great contribution to the future technology and ofcourse it is very useful for us² to know what we gonna do with our future

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SUMAIYA KINZA, Subject: Student B.Tech (CSE) IYr, Student/Teacher/Alumni

Institution/Company Nawabshah Alam Khan college of engineering and Technology, Address: Malakpet, Hyderabad, T.S.

1. What motivated you to choose STEM subject?

Apart from boasting about girls education, I would like to say that, I'm always curious at choosing new opportunities. Choosing STEM is like a platform for my better future. Specifically a bright future.

2. What strategy do you follow for your study?

As I have mentioned above I'm curious to learn something new. Probably, something new every day of my life. In my studies, I understand the concept and if there is a need I do implement it on the right time.

3. What is your career goal?

I aspire to become an Engineer in the Computer Sciences' field. I've scored 9.7 in my schooling and 90% in my Intermediate. So, I would work hard with patience and determination to achieve my goal and get employed in a good company where I can get a chance to show my abilities.

4. What is your expectation from this worksop?

I'm expecting that this workshop will give me a chance to enhance my talent and capabilities. In short, a finishing (final touch) to my future

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. By comparing other universities, I realise STEM fields provide good opportunities

2. Do you feel that you have a better strategy for your study?

I guess yes. But I feel like it may be a drawback for me because of financial purpose

3. Do you have a better understanding on how to achieve your career goal?

I extremely wish to complete my Graduation along with post graduation in US. I do have a better understanding on achieving my goal. Hopefully, I will apply for my education in US.

4. Do you feel that this workshop has been useful?

Yeah! I've got to know about various fields like astronomy, psychology, science and technology. Including the experiences, and achievements of our speakers. and

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: ARADHANA MARIAM PHILIPS, Subject: BIOTECHNOLOGY, Student/Teacher/Alumni

Institution/~~Company~~ University of Hyderabad, Address: Prof C R Rao Road, Gachibowli, Hyderabad.

1. What motivated you to choose STEM subject?

A provision for encouraging young women in STEM. Coming from a culturally family myself, and having been encouraged by my parents, I would like to pass it on to other women to take up studies in STEM. I am motivated

2. What strategy do you follow for your study?

Systematic approach coupled with hard work. And now by joining this workshop to establish contacts and share ideas ——— make a ~~strong~~ network.

3. What is your career goal?

A researcher in ~~translational~~ research / applied research to make break throughs to benefit society. ~~Espically~~ targetting diseases like Diabetes and cancer.

TO DO RESEARCH THAT MATTERS !!!
TO DEVELOP BIOMEDICAL THERAPIES AFFORDABLE AND ACCESSIBLE TO CITIZENS FROM DEVELOPING COUNTRIE

4. What is your expectation from this worksop?

Opportunities to grow in my area of research and through me to others who need it. Establish network. Learn of opportunities to go to the US.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Salma Shireen, Subject: B.sc (Chemistry, Zoology, Nutrition) Student/Teacher/Alumni

Institution/Company Shadan Degree College for Women, Address: Khairtabad, Hyderabad, T.

1. What motivated you to choose STEM subject?

I always thought that women education is very important, and if she is educated then the entire family is educated and I was interested in science subject and wanted to become a Doctor and serve to people.

2. What strategy do you follow for your study?

The strategy I follow is, I keep on revising my notes every day, as it becomes easy for me to understand. I just don't by heart notes, I first understand them carefully and then go for others. one more strategy I keep using is, I lock up myself in a room and learn them peacefully without any disturbance

3. What is your career goal?

I would like to complete my B.sc. and then go for higher studies either in U.S.A (or) In. India. I would like to persue M.sc and then would be glad to work in a reputed and progressful organisation.

4. What is your expectation from this worksop?

I expect a good response from the lecturers and workshop. I expect to get a chance to study further studies with the help of this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Of course, I felt 100% motivated to get a choice of study in STEM fields. I would be glad and pleased to gain the opportunity.

2. Do you feel that you have a better strategy for your study?

I do feel that I have a better strategy for my Studies, but I think if I get admission in STEM fields, that would be a better strategy for me to study and do hard work and achieve my goal in life.

3. Do you have a better understanding on how to achieve your career goal?

After going through the survey of STEM workshop, I have very well understood how to achieve my Career goals and work on it seriously. The STEM workshop has shown almost right pathway for my Career.

4. Do you feel that this workshop has been useful?

Yes, very useful. STEM workshop has given a list of number of Courses the University offers, and let us know how they empower women education, and bout the excellent education system in US Universities.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SUMERA YASMEEN, Subject: BIOTECH-NOLOGY, Student/Teacher/Alumni

Institution/Company SHADAN DEGREE COLLEGE, Address: Khairatabad.

1. What motivated you to choose STEM subject?

My college staff have given us a brief description about what the STEM is. And I feel the technology of science also gives us chance to conduct experiments and field trips, and yes this is the reason for me to pick this subject as well. I love finding out how life processes work. I have seen science as my favourite subject pretty much all the way through school. It is incredibly interesting.

2. What strategy do you follow for your study?

Listening and Notetaking.
Listen actively by comparing what I hear in the lecture to what I learned in the last lecture. Concentrate to get the most out of lecture I organize my notes identifying main topics, key terms. Review on a weekly basis. Time management. Sparing few hours for extra-curricular activities.

3. What is your career goal?

I would like to pursue Msc degree and go for a job which can make my career bloom. Want to do something useful with my life, rather than being yet graduate with other degree. Because in the end it's all about Job opportunities.

4. What is your expectation from this worksop?

I would like to know more about Science and Technology which is Research oriented and I feel it is a field where learning never ends, the more you learn the more you experience you gain, will definately take you to height.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, because it brings value to our science education. Ofcourse, it is giving us chance more than what the other students can get. And yes it is because of the Speakers here.

2. Do you feel that you have a better strategy for your study?

Obviously. Need to study in small chunks of time when possible. Need to keep a regular schedule. I have to be sure to eat right and maintain health.

3. Do you have a better understanding on how to achieve your career goal?

I have. Not at all. I should do strategic networking with colleagues, social media and get in touch with headhunters and professionals. Because I know, it can take much time for a fresher to find something suitable. wanna gain some more new skills.

4. Do you feel that this workshop has been useful?

Yes definitely. because I'm doing science and plan on continuing into a scientific career because I know there is far more to be known. It is greatly beneficial for the students whose dream is to study in US universities. It has given us a detail information regarding the studies in USA, application process etc etc...

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 6, Location (circle): Aligarh, Delhi, (Hyderabad), Kolkata, Kurnool, Patna

Name: Mushtari Khan, Subject: _____, Student/Teacher/Alumni

Institution/Company MLRITM, Address: Hyderabad.

1. What motivated you to choose STEM subject?

My interest or rather I would say my passion to choose my career in engineering motivated me to choose STEM.

2. What strategy do you follow for your study?

The strategy I follow to study is to understand what I learn. I feel it helps me to remembers things for a loger span of time. I use the mind mapping techniques and even try to picturize few things which helps me a lot.

3. What is your career goal?

My career goal is to work in a environment where I can explore my skills and also learn while I work.

4. What is your expectation from this worksop?

I expect to get motivated and also get valuble guidance from the experts that would ensure that my choice of choosing STEM was a right one.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do. From the workshop I got to know the fields related to the STEM, the scope of research and also the areas in which we need to focus.

2. Do you feel that you have a better strategy for your study?

Yes, my strategy would be changed after the learnings from the workshop and I really do have better approach now then before. I would start to learn to unlearn and also focus more on practical things.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have got to know the various ways to approach and also the key areas that I need to work to achieve the goal.

4. Do you feel that this workshop has been useful?

Yes, in terms of giving the knowledge of the education that we are gaining and it also drew many points that compare the strategies we follow to that of others. I would be more eager to know more such info that could relate to the field of engineering,

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shaikh Noorain Fatema, Subject: B Tech (CSE), Student/Teacher/Alumni

Institution/Company Shadan Womens College of Engineering & Technology, Address: Khairtabad.

1. What motivated you to choose STEM subject?

for higher education I had choosen STEM.
As I wish to study my further studies in abroad,
I had choosen STEM. I am honoured to get this
great opportunity.

2. What strategy do you follow for your study?

I study 2 days before exam. I dont spend much time in
academic studies rather I would be spending time in
learning new languages to develop my skills over the
field subject which would help me in job carrier.

3. What is your career goal?

I want to be a successfull engineer. For further education,
I want to go USA for doing M.S. After completion of M.S.,
I want to do job in USA.

4. What is your expectation from this worksop?

I wish to complete my master's from abroad with the help of
this workshop by getting placed in the university. Thank You.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I have been motivated to the Core. It has built my Self Confidence and zeal to accept and move new things towards a better future.

2. Do you feel that you have a better strategy for your study?

Yes, I do have a better strategy as I am a hobbist learner. But this workshop and all the representatives and Scientists present over here has changed my mind to do more better.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have an understanding but I would rather prefe to take a back Seat rather than getting Something out of comfort. But STEM has thought to how to move out of Comfort and achieve the goals no matter what.

4. Do you feel that this workshop has been useful?

Yes, It was very useful to build my Confidence all through the way. It has been a great experience with all the Scientists over here. Thanks to the Core to give this Opportunity.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Farhath Banu, Subject: B.Tech (CSE) Student/Teacher/Alumni

Institution/Company Shadan Women's College of Engg and Tech, Address: Khairtabad.

1. What motivated you to choose STEM subject?

As I am always intrested to do my masters abroad, I felt this would be the great opportunity to goahead in 'STEM' helping and motivating people to build the Careeg. So this helped me stay motivated. I am honoured to get this opportunity.

2. What strategy do you follow for your study?

I Study 2 days before Exams. I dont Spend much time in academic Studies rather I would be Spending time in learning neco languages which reflects my field my study of education (CSE).

3. What is your career goal?

I want to be a Successful Software engineeg. For that I would prefer to Complete my masters to further enhance my knowledge and qualification. As I am a hobbyist in learning neco.

4. What is your expectation from this worksop?

I may wish to Complete my Masters from abroad by the help of this workshop by getting placed in to the University. Thank you.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, This workshop has been very helpful to put up more knowledge on to my head. To add a better understanding of the things which i was looking for. Thankyou alot.

2. Do you feel that you have a better strategy for your study?

Yes, I do have a better strategy about my studies Both academic and non-academic. As I am a hobbist learner I would love to attend a workshop like this to learn more new things.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have an good understanding about my Carrier, and I am Confident about what I want to do and what not to. But this workshop was helpful in clearing Some of my doubts in a more efficients way.

4. Do you feel that this workshop has been useful?

Yes, It was very helpful to get a better understandin about study abroad. It has been motivated me throughout the way and built my Confidence more on what should be 2 done right now. Thank you for this opportunity.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Syeda Tahura Mahveen, Subject: Biochemistry microbiology chemistry, Student/Teacher/Alumni

Institution/Company Shadan Degree, Address: ~~[illegible]~~ Khairtabad, College for Women's ~~House~~, ~~[illegible]~~ ~~colony~~, Hyd

1. What motivated you to choose STEM subject?

I motivated to choose STEM Subject because I love science Subject. I want to gain knowledge from this. I want to help others and try to explain them. & also I want to help my country for those who are needy. People.

2. What strategy do you follow for your study?

I attend all my classes and listen carefully and try to write in exams well. I prepare a timetable for studying. And I do follow my schedule daily.

3. What is your career goal?

My career goal wants to do a research field. I want to do a lot of Experience from the research field. I want to gain knowledge from this. I want to become a Junior Scientists

4. What is your expectation from this worksop?

I expect from this workshop to achieve my goals and wants to be helpful in my future. I want to be a part of this STEM field. This workshop ha motivated to me to possess these skills to have worthy [illegible]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I motivated to choose STEM Subjects because I'll do my work with courage. I do love science. Subject. I do hardwork with devotion. Because, it is very creative Subject. This workshop has motivated to me to possess these skills to a have worthy future.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have better strategy for studying. I prepare a timetable for studying.
Ex: If you want to shine like a Sun. first, Burn like a Sun.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have better understanding to achieve my goals. I want to do ph.d in my field.

4. Do you feel that this workshop has been useful?

Yes, I feel that this workshop has been useful for me. because, from this workshop learning gives me creativity, creativity leads to thinking, thinking provides me knowledge & knowledge makes me great. We should not

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shahin Tarannum, Subject: Biotech, Zoology, Chemistry, Student/Teacher/Alumni

Institution/Company Shadan Degree Colled, Address: Khairtabad, Hyd.

1. What motivated you to choose STEM subject?

I was pretty interested in STEM field from the start. I can say it's in my genes for being curious, to know things. and my curiousity led me to choose STEM field. In STEM I can learn about mysteries of world, the phenomenons around us. and new techniques.

2. What strategy do you follow for your study?

I study only when I have good concentration and I am focused even if it's for one hour. I study best when I am under pressure. I understand the concept well than just getting the overview. I dig deep to understand better. To learn, I make flowcharts, my own notes and watch videos.

3. What is your career goal?

My career goal is to become a researcher. I am more interested to research on autoimmuno disorders. Also I want to change the present education system.

4. What is your expectation from this worksop?

I expect that this workshop will guide me to the course which I select and to get as much information I can about the education in abroad. an and to get the tips from the professors for my present & future

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do. Infact I felt glad that I chose stem field because I found that there are many options available be interms of education or jobs.

2. Do you feel that you have a better strategy for your study?

Yes, from this workshop I learned that it is important to be updated with the information, to have better understanding of the concept & to not just concentrate on the theory but to observe the things and to infer them.

3. Do you have a better understanding on how to achieve your career goal?

Yes, Planning is the key., as the saying goes "fail to plan is a plan to fail." Also to be more aware about the information in STEM & to be updated and to do personal research as much as possible. In a nutshell, PLAN, RESEARCH, AWARENESS, STRATAGISE and EXECUTE.

4. Do you feel that this workshop has been useful?

YES! I got the guidance for my higher studies, I am now more aware of the things to know, to fill the holes which I am missing I got the useful tips and tricks from the professors. More importantly The certificate from this workshop might help me in the future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Aisha Yasmeen MD, Subject: Biotechnology Student/Teacher/Alumni

Institution/Company Shadan degree college for womens Address: Khairatabad, Hyderabad

1. What motivated you to choose STEM subject?

Majority of girls in india, prefer to pursue their Career in Science, technology, engineering and mathematics (STEM) Studying subjects like STEM we can lead to working in fields like pharmaceutical chemist, medical etc.

2. What strategy do you follow for your study?

First I mantain a notes when lecture teaches I used to write running notes. I Study 2 days before the exam. While Studying I carry my running notes I study with concentration used to write some imp points while reading this uses for Revision first I understant the concept what I am reading.

3. What is your career goal?

My Career goal is to achieve doctarate (Dr) infront of my Name and Study in abroad for my further studies.

4. What is your expectation from this worksop?

I expect from this workshop, that this is very useful, I can learn Something new I can interact with new people they help me and guide me that I can Study in abroad

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated to Study in stem field It is more intersting and good to study we can know about a new information everytime

2. Do you feel that you have a better strategy for your study?

Yes, I have a better Strategy for my Study there are Some Simple tips that make us to Study easily like if we decide to study a particular Subject keep complete concentrate on that Subject for 20 min and take 5 min break you feel better and easy to study like this there are many simple tips to studey.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have better understanding to achieve my Career goal. This workshop gave me lot of information these women in stem Roadshow professors are Such a good motivators.

4. Do you feel that this workshop has been useful?

Yes, this workshop is very useful here I learned Some new things I interacted with new people I learned Some knowledge, information about STEM fields. Also I have learned information about how the Study and rules in abroad.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shaima Abdul Wahed, Subject: ANTC, Student/Teacher/Alumni

Institution/Company SHADAN DEGREE COLLEGE, Address: Khairtabad

1. What motivated you to choose STEM subject?

- Motivation can be grasped from any person.
- My father being a science student motivated me to take up science subject.
- And obviously this subject is really interesting and I had interest in this from the beginning.

2. What strategy do you follow for your study?

- I usually highlight the important points.
- Studys 15-20 days before the examination.
- Note down all the important question from previous year question paper and study books.
- Self-study and taking short breaks in between.

3. What is your career goal?

- I want to work as a dietition in King Abdul Aziz University in KSA.

4. What is your expectation from this worksop?

- Meeting/Interacting with new people we learn a lot of new things and a great experience also.
- I expect that I gain knowledge, and learn new stuffs from this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, indeed I'm fully motivated from this workshop I'm glad that I've got the opportunity to attend this WSR. It really helped me in understanding my strengths, weakness, ~~and~~ interests. In future I'm planning to do MSc in Chemistry.

2. Do you feel that you have a better strategy for your study?

→ 70% Yes 30% - No

3. Do you have a better understanding on how to achieve your career goal?

Before attending this workshop, I was confused about my career and never came to a conclusion. But now I have a clear idea in my mind about my future goals. The professionals/lecturers explained really well and I'm really inspired.

4. Do you feel that this workshop has been useful?

Yes, it has been very useful. I'm really thankful to the organisers who have arranged the workshop in our city. I really like the fact that they encouraged 2 Muslim girls to study further and not to stop their education, no matter what hurdles come on their way. Dr. Nasreen Haque

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SAFA QADER, Subject: ANZC, Student/Teacher/Alumni

Institution/Company SHADAN DEGREE COLLEGE, Address: KHAIRTABAD

1. What motivated you to choose STEM subject?

- I have choosen Science subject to make a good career. My main moto is to teach poor children. poor children motivate me to choose Science subject so I can complete my M.Sc & to teach them and to make our world educated & know knowledge about Science.

2. What strategy do you follow for your study?

- My strategy is to workhard, ~~pay attention~~ motivate myself to reach the goal.

3. What is your career goal?

- My career goal is to move on research on some disease and to complete M Sc in chemistry

4. What is your expectation from this worksop?

* My expectation is to gain some knowledge from this workshop and apply in our day to day life to become a succesful person.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

- Yes, I feel after listening to lectures in workshop I feel more motivating by listening the life experience of experts. Now I have get an idea how to face the problems in life and to choose a better career.

2. Do you feel that you have a better strategy for your study?

- Before I was thinking I've a better strategy to study but after listening to the lectures I felt that I have very much motivated.

3. Do you have a better understanding on how to achieve your career goal?

- Before attending to the workshop I was not sure what to do in my career but after listening to the lectures now I am able to choose a good career goal.

4. Do you feel that this workshop has been useful?

- Yes, I feel that this workshop is very useful. I get very much inspired by experts. I am glad that I've got the opportunity to attend this workshop. I have learned many things from lectures.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Nargis parveen, Subject: CEC, Student/Teacher/Alumni

Institution/Company Sri-Gayatri junior college, Address: 18-7-198/A/323 Murad Mahal, Tallab Katt Hyderabad.
↳ Sri-Gayatri junior college, charminar Hyderabad

1. What motivated you to choose STEM subject?

I am very excited to know about the STEM subject. I want to become a helpfull nature of myself. I want to help that women those who are not saying to anyone what she want to do. If she harrased simply i will help her and encourage her.

2. What strategy do you follow for your study?

Suppose, before exams if we are not paid the exams fee. simply we are facing the problem to dint get the hall ticket.

3. What is your career goal?

I want to become a chatered accountant. with help to others those who want to study but they cant study of there financial problem. that's what i mean.

4. What is your expectation from this worksop?

I expecting to more motivated from this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in the choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

yes, I feel that have a better strategy for study. after the workshop classes.

3. Do you have a better understanding on how to achieve your career goal?

After licening this session i have a better understand to career goal.

4. Do you feel that this workshop has been useful?

yes, It is very helpful for studies and very useful ~~for~~ to encourage our own self.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ayesha Umisa, Subject: Biotechnology, Chemistry, Botany Student/Teacher/Alumni

Institution/Company Shadan Degree College For Women, Address: Khairatabad, Hyderabad.

1. What motivated you to choose STEM subject?

Well, Honestly speaking I started STEM only so that I could meet people or personalities who really thought of helping girls and women to choose their career and also made an effort to initiate. I've chose STEM subject because I am from the science field, I like nature and the way it works. I want to learn more about science, nature, my surroundings, and also how to make it a better place

2. What strategy do you follow for your study?

When I was in my 10th standard, my Maths lecturer once told me: "you either study while crying or study while being happy, but anyhow you have to study, So why not study being happy and also it makes your study easier and you more brighter. And I also I believe that everything I learn has way of coming back to me at some point in my life which will help me. "Knowledge is Power" So why not "let's go and get it."

3. What is your career goal?

My career goal is to be a scientist or a laboratorian. I want to see myself and working and doing experiments in a big science lab. which will serve as my happiness and also my interest.

4. What is your expectation from this worksop?

My only expectation from this workshop is to meet new people, learn new things, remove my stage fear, to convert my fears into my strengths, to gain knowledge. I am here so that I can also look forward into for my further studies with the help of this workshop.

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in choosing my career and also further studies in STEM fields ~~be~~ after this workshop because I have learnt it is the most developing field and most required field. After seeing, beautiful and inspiring personalities and ~~their~~ ~~bet~~ lectures by Dr. Pradhan, Dr. Haque, Dr. Irving and Dr. Nahar I am more aspired to become like them, a scientist, a chemist, a teacher. Now I could take them as my role models and look forward into my career with more motivation

2. Do you feel that you have a better strategy for your study?

Yes, now I feel my studies are not only limited to me, or my studies are not only limited upto my books. It's much more. It's about the world, the skies, the earth, the universe and ~~at~~ all it consists. My strategy ~~is~~ ~~I~~ now is ~~to~~ not only to study and get good grades instead my strategy is to explore the world, learn everything I could, so that I could be helpful to someone someday.

3. Do you have a better understanding on how to achieve your career goal?

Earlier my interest was just to be a scientist or a laboratorian and ~~wanting~~ ~~w~~ my dream was to work in world's large scientific lab. Now, I believe, why should I wait till I complete my studies, I can start right here and I can get much experience ~~from~~ ~~interest~~ and learn many courses which will help me in my ~~b~~ professional life and also will serve my interest & happiness, that too from internet which is a right hand tool these days.

4. Do you feel that this workshop has been useful?

I ~~feel~~ believe that this workshop has been a wonderful and very useful experience not only for me but everyone else. It's an honour to meet such great personalities and influenced my them to achieve our career goals. I myself got information regarding ~~US~~ US studies, how to apply, how to manage, how and what steps to be taken to ~~at~~ our career, how to write a resume, what is the need of women

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: III, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sadia Nasir Alam, Subject: MZC, Student/Teacher/Alumni

Institution/Company SHADAN DEGREE COLLEGE, Address: ~~Paramount Colony, Plot No-1~~ Khairtabad.

1. What motivated you to choose STEM subject?

The Biggest motivation for me is that the STEM RoadShow is organised for women to study further, & which is really important for ~~any~~ a girl or women to be motivated.

2. What strategy do you follow for your study?

I Basically learn the answers & write them a few times to set them in my mind.

3. What is your career goal?

My career goal is to study well & have a good position in society & help people in setting their goals.

4. What is your expectation from this worksop?

To Give me motivation & help me have a good position in society, & achieve my career goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in choosing STEM fields as it gives me more opportunities & variations in my subject.

2. Do you feel that you have a better strategy for your study?

Yes, I do feel I have a better strategy as one when one is motivated can reach his/her goal with great excellence.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a better understanding for achieving my career goal.

4. Do you feel that this workshop has been useful?

The workshop has been very useful for me as it motivated me alot in understanding & making plan for my goals. This workshop helped me in understanding how I can attain excellence in my goal. It is really usefull & helpful for my future & surely gave me ideas to stand on my expectations from workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Samreen Anjum, Subject: CSE, Student/Teacher/Alumni

Institution/Company GURU NANAK INSTITUTE OF TECHNOLOGY Address: Ibrahimpatnam

1. What motivated you to choose STEM subject?

I found that STEM workshop is very helpful for selecting the Universities for higher education. As my aim is to do MS. I selected the STEM workshop.

2. What strategy do you follow for your study?

As My strategy is workhard. until I succeed. in the subject.

→ I always choose Google for studies.

3. What is your career goal?

MS in good University. So that I can get a job in top Software company.

4. What is your expectation from this worksop?

Expectations like gaining, knowledge about the Universitys which are good in US. So that it will be clear to choose the good one for higher studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, STEM has motivated me alot in my choice of career. After attending the workshop, the subject which I need to choose in my choice of study is now clear.

2. Do you feel that you have a better strategy for your study?

The strategy which was gaven the STEM expert will definitely work for my studies

3. Do you have a better understanding on how to achieve your career goal?

Yes, Now I understood. To achieve my Career goal, STEM workshop helped me to achieve. By higher studies I can achieve my goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop is useful for understanding the criteria for the higher studies in US.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shagufta Tasneem, Subject: Biotechnology Student/Teacher/Alumni

Institution/Company Shadan Degree College, Address: Khairtabad, Hyderabad

1. What motivated you to choose STEM subject?

The motivation behind choosing stem was to learn something new. I ~~was tired of everday college and as~~ we don't often get these kind of opportunities so I decided to atten this workshop & I

2. What strategy do you follow for your study?

I first try to understand and memorise few important points whenever I study. My major preparation usually begins a day before exam

3. What is your career goal?

I want to pursue Masters and if possible I want to go for Phd I want to choose Teaching as my profession and I aspire to be a succesful women

4. What is your expectation from this worksop?

I ~~look~~ to expect for motivation, Inspiration, positive change

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do feel motivation. It was really good, Interesting and Informative.

2. Do you feel that you have a better strategy for your study?

I felt there is a serious need for change in my study patter. I really hope I make atleast few positive changes in my way of preparation or study. I fel I need to keep myself updated with current research or studies happening across the world

3. Do you have a better understanding on how to achieve your career goal?

Yes, because the workhop main concern I felt was to guide us to move ahed in our career and it did gave me a broader view of current ~~problems or~~ positivities and problems of career I want to move with i.e., Teaching

4. Do you feel that this workshop has been useful?

Yes, it was informative, motivating, Inspiring and effective as well. I hope the information I have received will be helpful for me and also my friends who were not present. It was useful mainly because it provided me knowledge regarding opportunities and also ways of achieving them.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: VIII, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Mariyam Begum, Subject: M.Z.C, Student/Teacher/Alumni

Institution/~~Company~~ shadan degree college, Address: M.S Maqta khairtabad

1. What motivated you to choose STEM subject?

Its Unique style that it used to follow for developing interest in science and Technology. I think this stem will help us to know the importance of science and Technology in our Life.

2. What strategy do you follow for your study?

Hardwork is my strategy that i used to follow while studying. I just foccus on one thing that is never give up. I think hardwork can change the fortune (or) future.

3. What is your career goal?

I want to become a successful person in life and hereafter. not only a good lecturer but also good person. I don't think rich people only successful in these world. I think good people are successful in life and here after.

4. What is your expectation from this worksop?

I expect that this workshop will help to make good people in society by improving interaction between the people and Guiding the people about importanc of education.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?
Yes I feel more motivated on choosing STEM. as it gives me more opportunities to achieve my career goal.

2. Do you feel that you have a better strategy for your study?
Yes, I feel that I have a better strategy for studies.

3. Do you have a better understanding on how to achieve your career goal?
Yes, I have a better understanding to achieve my career goal.

4. Do you feel that this workshop has been useful?
Yes, I feel that this workshop is useful because it is motivating us to achieve our career goals.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 07, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Afifa Taskeen Khanam, Subject: Bio-chemistry/Microbiology/Chemistry, Student/Teacher/Alumni

Institution/Company Shadan Degree College Address: ~~12-2-790/67/1 Jyothya nagar colony~~ Shadan Khairtabad ~~mehdipatnam~~

1. What motivated you to choose STEM subject?

My nature is to help others. I have choosen science subject because I want to become a Research Scientist and to help my country and Nation. This motivated me to choose this STEM subject.

2. What strategy do you follow for your study?

~~At~~ the time of classes I listen attentively and clear my doubts and go home and revise it. ~~At the time of~~ Examinations I revise it again.. and set my schedule accordingly I act and follow.

3. What is your career goal?

My career goal ~~first~~, is to become a ~~succe~~ successful person (in which ever field I choose. I want ~~my~~ to ~~career~~ ~~beco~~ do Research work in my subjects (Bio-chemistry or Microbiology) after completing M.Sc.

4. What is your expectation from this worksop?

I ~~expect~~ this workshop is useful for my future and help me to achieve my goals. I hope it will ~~be motivated~~ motivate me and be helpful for achieving my goals.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I am motivated in your field which I choose and got the clear idea, ~~and~~ procedure and a clear idea where I stand and what I have to do. I have to gaind a knowledge in ~~phy~~ astrophysics which was new for me and I feel intres in it.

2. Do you feel that you have a better strategy for your study?

Yes, I ~~h~~ feel that I have a better strategy which ever field I choose ~~to~~ for higher Education.

3. Do you have a better understanding on how to achieve your career goal?

Still I don't have better understanding how to achieve my career goals due to lack of Infomation which field I have choosen i.e (Bio-chemistry) it was an overall view. I wish our subjects could have been explaind a little briefly.

4. Do you feel that this workshop has been useful?

This workshop is useful to know about the basic information. It focused on higher Education in USA and Teaching fields. Yes, it is useful when we try to achieve higher studies[2] but at this stage I need a proper idea about my ~~sep~~ subject and my intrest in doing MSC ~~a~~ first.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ismath Farheen Khanam, Subject: chemistry, ~~Student~~/Teacher/~~Alumni~~

Institution/Company Shadan Degree College, Address: Khairtabad

1. What motivated you to choose STEM subject?

Science is a quite lively subject (especially biology) dealing about the life. Science is a everyday ~~real~~ reality of one's life and quite motivating

2. What strategy do you follow for your study?

Strategies for my studies are quite simple-
- Understanding concept
- Revising
- Remembering
- Applying.

3. What is your career goal?

My career goal is to work for human welfare (especially women) and also I'm interested to ~~beco~~ pursue Ph.D.

4. What is your expectation from this worksop?

I ~~w~~ expected this workshop would give me detailed information about studying abroad and the requirement

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes

2. Do you feel that you have a better strategy for your study?

Yes

3. Do you have a better understanding on how to achieve your career goal?

Yes

4. Do you feel that this workshop has been useful?

Yes, It had been useful as it gave me more information about the abroad studying than expected.

THE OHIO STATE UNIVERSITY [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Samreen Sultana, Subject: Biochemsitry/ Student/Teacher/Alumni Microbiology/chemistry.

Institution/Company Shadan Degree college For women (Khairtabad), Address: 12-1-925/A/3/1 Asif Nagar, Mallepally Hyderabad

1. What motivated you to choose STEM subject?

My interst ~~was~~ is in the science subject. I enjoy the learning of new thing. I enjoy the subject science and it my favourite subject. I want to research in the field of microbio-logy and be a scientist. And want to learn the new thing and learn about the nature. These motivated me to show science as the subject.

2. What strategy do you follow for your study?

I believe and follow that first we should attened the class regularly and understand the ~~topi~~ what topic is about that understand the concept mainly what it trying to explain. Than attempt the Question and understand what ~~is~~ I learn from these than revise and give review over it. And Practise. ~~the~~

3. What is your career goal?

My short term goals are to pursue Msc from microbiology and excell in my field. and my long term goals are to pursue the ph.D from microbiology. And be the scientist and learn new thing and want to invent some thing which is beneifical to whole world.

4. What is your expectation from this worksop?

My Expectation from this workshop to interact with the people and learn thing what you are trying to explain and gain the knowledge and know the opportunities and challenegens. ~~what to know what~~ How to Pursue ~~as~~ my career and teaching strategy and how to achieve my [illegible]

THE OHIO STATE UNIVERSITY [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated as Choosing life science as ~~may~~ my course subject, Because when I got admit in the college. I ~~taught th~~ thought that Biochemistry have no scope for me to pursue my higher education So, I thank all of you for motivating me. That life science (biochemistry and microbiology) are great subject to study and reasearch

2. Do you feel that you have a better strategy for your study?

Before ~~thing~~ 'I' used to study but not in systematic manner. Now, I feel that we should be systematic, planned, Realistic and know the knowledge content and observe it, interfuance it and give our review And we should leave 1 or 2 hour for science with whole concentration.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I understand that when you dream about your goal which should be at high level and we should follow our goal as we are passionate about we get all clear way to achieve it. we should be confidient and have concentration to achieve it

4. Do you feel that this workshop has been useful?

Yes, I feel workshop useful because, I got motivated for choosing science as my subject; got to know about the Astrophysics and various university that offer the master. ~~and~~ How to acess ~~it~~ the site and research to get admission in international universities and how to write effective resume and CV for Job.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Syeda Hafsa, Subject: Bsc [M.E.C.] Student/Teacher/Alumni

Institution/Company Sujatha Degree Colleg Address: Abids Hyderabad.

1. What motivated you to choose STEM subject?

I Very Very excited to take a eduction about this. This is first time I have to such eduction to get in my life. Which is really important and good for us

2. What strategy do you follow for your study?

I don't want to do study I want to do Something New and logical in electronic.

3. What is your career goal?

My Career goal is to abroad when my studies completed.

4. What is your expectation from this worksop?

There are many expectation from this workshop but I just hopeless 1 with my family.

THE OHIO STATE UNIVERSITY [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yup I very motivated all this infromation about STEM. No dough to say "No" always yes for our futuer and I say thanks to Dr. Nasreen Haque and Sultana Nahar with Karen to being such Nick and helpfull Station for our futuer thank you so much Ma'am's for motivating Me.

2. Do you feel that you have a better strategy for your study?

Yes, really I Need ~~Improf~~ Improve Myself more then more in Study to get USA Study Inshallah May Allah help Me to do this and My Family give me permissione to do I will give My better strategy. Inshallal..

3. Do you have a better understanding on how to achieve your career goal?

Yes, I will understande very well and I try My best to achieve your career goal to go USA and study Inshallah May allah help Me. Inshallah.

4. Do you feel that this workshop has been useful?

Yes, ~~it~~ it very useful for Me this workshop and I want to ~~alam~~ ateam one's More workshop if May possibly thanks again all of you.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Samreen Sultana, Subject: BT-ZC, Student/Teacher/Alumni

Institution/Company Shadan degree college Address: ~~4-4-51/25/26, I.A.S Colony, Tolichowki~~ Khairtabad

1. What motivated you to choose STEM subject?

As I heard about STEM by my Lecturer I felt very excited as it is especially for womens / girls for their own benefits which helps in making good carrier and make our future bright.

2. What strategy do you follow for your study?

From my point of view, I attend all the lectures and hear them very carefully which helps me in learning complicalid theories very easily and going theough it at weekends really helps me in answering the questions which are not important.

3. What is your career goal?

my goal is to do Ph.D and become a Professor or else I will go in drug designing.

4. What is your expectation from this worksop?

I am expecting to get more motevated determinated for my carrier.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Absolutely, I am feeling more motivated after attending all the sessions as STEM field is providing alot of options to select my suitable choice.

2. Do you feel that you have a better strategy for your study?

well, yes. I must say because they taught us to get stuck to your goal dont get distracted, and being originality in my concept.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I should do more research about my topic & plan well, be creative and consult the professors to help you out for the research.

4. Do you feel that this workshop has been useful?

Absolutely, this shop has been useful for me as I have learnt alot of things like vast options for our future studies & get aware of the complications which I may face during my process for U.S applications.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sarwath, Subject: BSC (Regular) Student/Teacher/Alumni

Institution/Company Shadan degree College Address: Khairtabad

1. What motivated you to choose STEM subject?

I choosed Science Streme to serve people in my country. We used to watche many news, which we come across, which is mainly related to orphans & oldage people who are sick or can't feed their selves. This Poverty in india helps me to choose this field.

2. What strategy do you follow for your study?

Strategies: 1- Maintain a routine, a timetable which includes Many activities & knowledge serving.

2- Concentrate on a lecture when u were taught, maintain Running Notes thn have glance at home at the same day.

3- Stratagies are maintained in live to achive what u want.

3. What is your career goal?

To do Master's in science & educate the women streme who won't afford to do so. Want to persue Masters in US & get a valuble degree.

4. What is your expectation from this worksop?

My expectation to know how important is women in this era & know, how easy it is to apply in US universities, Institutions.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel extra motivated through my science field. It gives me a clear direction to use my abilities in my field.

2. Do you feel that you have a better strategy for your study?

I wont say yes, but almost becoz strategy is an effort to continue. Through this workshop I can say that I have a good strategy to work out about who I am & what can I do.

3. Do you have a better understanding on how to achieve your career goal?

Yes, We shud have it, without understanding we can't even study. Goals are far so, complete the distance with one move always.
Achieve a simple sucess with "I want to do more".

4. Do you feel that this workshop has been useful?

It is more useful than thought to be. It gives me a clear way to what to do & why to do.
Very thank full to our Doctors who gave us knowledge in a very achieving way.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: JAVERIA BEGUM, Subject: B.Sc, Student/Teacher/Alumni

Institution/Company Shadan degree college, Address: Khairtabad

1. What motivated you to choose STEM subject?

It motivates me to choose because graduates with in profession to pursue multiple career paths. STEM is playing a major role in our life. using modern technology and using education and getting confidence in mainly females to move on and be focus on studies and success in our life and makes our dreams fulfill and achieve a goal.

2. What strategy do you follow for your study?

I use to follow the strategy is firstly to complete my studies & score good marks. apart from it i want to study other field to get more knowledge and it is help full me in future. I just want to gain more & more till i reach my goal.

3. What is your career goal?

My career goal is to complete M.Sc, B.Ed and then want to teach as a lecture in gulf countrie I have many goals in life I just think dreams are just similar to goal. As my dream is to do B.Ed is

4. What is your expectation from this worksop?

My expectation is that i am going to gain a lot of knocoledge. ideas, encouragement knowing more about further studies. achievement in future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Benefits as well motivation through this is that our goal is not revieco literature in detail understanding biological, socio cultural, psychological, & contexual factors. knowledge gained through this review in my future research and interventions I have an capacity to pursue STEM careers and I am motivated that womens can also do everything in their lifes to reach their goals.

2. Do you feel that you have a better strategy for your study?

-> I use to test my self before study & after.
-> I use to quiz my self in reading.
-> I imagine that I am teaching someone else.
-> set a goal & study plan.
-> Embrace neco Technologies.
-> And implieneting all in studies.

3. Do you have a better understanding on how to achieve your career goal?

-> Discuss career development
-> Encourage internal transfer
-> career coaching program.
-> Decision to charge, develop a plan, Act upon it & evalute & achieve goals.

4. Do you feel that this workshop has been useful?

Yes, It is very much useful to me. I got more information from this. I have cleared many of my doubts about studies and job. and got an idea of studying & doing job in other countries. I just hope that this coorkshop should be every month so that I can learn many things from this.

THE OHIO STATE UNIVERSITY [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sara Amena, Subject: BSC(MZC) Student/Teacher/Alumni

Institution/Company Shadan Degree college for women Address: khairtabad

1. What motivated you to choose STEM subject?

To get sponsered by the STEM, I wish to get more knowledge from this workshop.

2. What strategy do you follow for your study?

I hope to also get involved in group discussions and take advantage of leadership opportunitie that arise when i am studing. These goals are attainable if i work hard and them in focus.

3. What is your career goal?

I hope to, after college, start my career as scientis -Microbiology, I hope to work and eventually become a top researcher into fastest growing world.

4. What is your expectation from this worksop?

I have, and expect that to get the opportuni -ty to study in the best universities of USA and get involved in the discussions.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, because science is a subject where we can research more. there is no limitations in exploring, analysing the things more we analysis more we'll get closer to the environment.

2. Do you feel that you have a better strategy for your study?

Before i was not having a better strategy Now after listing to the most amazing leatures now i can clearly state that i have a strategy for study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, i understand the scopes in study, and become a scientist, I have chosen this goal, to becom and I really enjoy studing this subject and dissecting and analysing the work.

4. Do you feel that this workshop has been useful?

Yes, for sure It has been a veryuseful workshop, Teaching and learning skills, and career talks were useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Tabassum Khanam, Subject: B.Sc (BZC), Student/Teacher/Alumni

Institution/Company Shadan Degree college for women, Address: Khairtabad

1. What motivated you to choose STEM subject?

I choose STEM Subject because I wish to get Sponsered by you. This idea of you has motivated me.

2. What strategy do you follow for your study?

I follow that whatever you heard today revise it today So that you can easily remember it. Don't postpone anything for tomorrow.

3. What is your career goal?

Short term Goal :- Complete my P.G

Long term Goal :- Complete my Ph.D

4. What is your expectation from this worksop?

I expect to get an opportunity to complete my higher Studies in U.S

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel because Science is the subject that neve ends. Day by day there are many changes going on in Science which motivates me in my choice of study in STEM field.

2. Do you feel that you have a better strategy for your study?

Till now I didn't but after listening to this workshop I feel that I have to more better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

After listening to all the people in this workshop, Yes now I have a better understanding on how to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes, It has been very useful. It was a great experience in atlending This workshop as it gave me idea about how to study & build my career in C.S.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Razia Parveen, Subject: B.Sc (MECS) Student/Teacher/Alumni

Institution/Company Sujatha degree college for women Address: ~~18-7-198/A/323, Murad Mahal, Talab Katta, Hyd.~~ Abids, Hyderabad.

1. What motivated you to choose STEM subject?

I am very excited to know about this. It is the STEM subject organised by womens to study further, which is really important and good for us.

2. What strategy do you follow for your study?

My strategy for my final exams is to study well and concentrate on my subjects and get good marks.

3. What is your career goal?

My career goal is to study well and get the good job in abroad.

4. What is your expectation from this worksop?

To motivate me and help me to get the good position in society.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in STEM field. It is very good opportunity for me and hope for all the students.

2. Do you feel that you have a better strategy for your study?

Yes, Now I feel that I get more active by the STEM Roadshow. So, I want to be more concentrate in my studies and get good position in society.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I understand that everything is possible when you do you will gain and achieve everything what you want to do.

4. Do you feel that this workshop has been useful?

It is very useful for students and also for teachers and I want to spread ~~the s~~ about this STEM workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 07, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SAJIDA FARHEEN, Subject: MEC, Student/Teacher/Alumni

Institution/Company SRI SAI VIGNAN BHARATHI Address: 11-3-357/16/3/6, Srinivas Nagar Sec-bad- 500061.

1. What motivated you to choose STEM subject?

My 10th class points and my seriousness and love towards this subject has motivated me to choose this subject

2. What strategy do you follow for your study?

I follow my time table during study time. I strictly follow my time table at the time of studying.

3. What is your career goal?

My Career goal is to work in a good company in foreign Country with a high salary.

4. What is your expectation from this worksop?

I Expect from this workshop that i will gain good knowledge about this STEM subject and will be knowing about the study in foreign Country.

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I feel more motivated in my choice of study in STEM fields as the STEM field is a daily part of our life

2. Do you feel that you have a better strategy for your study?

Yes, after attending this workshop i feel i have a better strategy for my study specially to study in U.S.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I have got a better understanding on how to achieve my career goal after attending this 2 days workshop.

4. Do you feel that this workshop has been useful?

Yes, I feel this workshop has been useful for me very much. I have gain a clear understanding for doing my higher studies in U.S and also I have been motivated a lot from this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SANA AFREEN, Subject: MPC, Student/Teacher/Alumni

Institution/Company SHADAN JUNIOR COLLEGE, Address: 11-3-357/16/3/6, Srinivas Nagar Sec bad -500061.

1. What motivated you to choose STEM subject?

Inspiring to study in other Country.

2. What strategy do you follow for your study?

One month before planning the time table.

3. What is your career goal?

To study in US to get better job.
I want to be an independent women.

4. What is your expectation from this worksop?

To give opportunity to study in other County.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in stem field. I inspired by stem field. I feel more motivated.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have a better strategy for my study. By attending this workshop I feel better strategy in my studies.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have understand to achieve my career goal. I have inspired by the speaker of work shop. And I have better understandi to achiere my career goal.

4. Do you feel that this workshop has been useful?

yes, I feel this workshop is very useful and helpful for me. Even I want to be a part of stem field.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad ✓, Kolkata, Kurnool, Patna

Name: Sabahat Fathima, Subject: BSc (I year) ✓, Student/Teacher/Alumni

Institution/Company Shadan Degree College, Address: Khairtabad

1. What motivated you to choose STEM subject?

- I like to experience new things, learn something new, gain knowledge. which motivated me to choose STEM.

2. What strategy do you follow for your study?

- Understand the subject thoroughly. and never give up.

3. What is your career goal?

- Want to pursue masters in Nutrition and want to become a successful Nutritionist.

4. What is your expectation from this worksop?

- To get m gain motivation and knowledge.
- To help me reach my dreams i.e nutritionist.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. I am, motivated and more confident to make my dreams & come true.

2. Do you feel that you have a better strategy for your study?

Yes. Now am feling that I can strategize more ~~in~~ new things for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I will try to do my masters in US.

4. Do you feel that this workshop has been useful?

Yes. Ofcourse.
I got know much about career planning and many more.
to
I am really happy to get an opportunity to be a part of this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AYESHA RAHMAT YADWAD, Subject: B.Sc [GENETICS, CHEMISTRY / MICROBIOLOGY], Student/Teacher/Alumni
INTER & DEGREE

Institution/Company ST. ANN'S COLLEGE, Address: ST. ANN'S ROAD, SANTOSH NAGAR, MEHDIPATNAM

1. What motivated you to choose STEM subject?

Growing up I've always been interested in Science & Maths. Infact, I was always a step ahead in Maths but it was my love for science that propelled me to choose life science as a core subject. My tendency to help people further made me choose Genetics & Microbiology as core subjects. Through a lot of hard work, I hope to either prevent any more deadly diseases from arising or find cure for the existing ones.

2. What strategy do you follow for your study?

If Hard work and dedication are my strengths then time management is my weakness. So I try to plan all my studies to the best of my abilities. Because once I start, I don't have trouble keeping focus and finishing the job. I'm not an early riser, so I tend to work late in the night. I'm always preparing - exam season or not - so I don't real have short term plans for specific things.

3. What is your career goal?

I hope to do my PhD in Molecular Genetics ~~and~~ or Medical Microbiology. Right now, I'm particularly interested in cancer research and Immunology.

4. What is your expectation from this worksop?

Though I'm always interested in my chosen subjects, I hope to get inspired & motivated by the presence of these highly accomplished & intellectual professors. And if I'm really lucky, hopefully I'll be here in the next workshop too!!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Just being in the presence of these great researchers was inspiring but then their insight on STEM FIELDS and their encouragement to approach & study STEM Field was really amazing. Furthermore, the specifics of my interested courses have become much clearer to me.

2. Do you feel that you have a better strategy for your study?

At first my strategy was very general in all areas but keeping in mind all the things they mentioned and all the advice they gave, I definitely have a better plans to tackle future goals.

3. Do you have a better understanding on how to achieve your career goal?

Though the general idea was there, the specifics have become much clearer. Now, I know all the steps that need to be taken and all the work that I have to do to excel in this extremely competitive field.

4. Do you feel that this workshop has been useful?

Definitely! Not just the insights, talks and advices that were given by the professors, Dr. Pradhan's excellent humour also motivated me to be a bit more daring & confident to ask questions.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 07, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: HAJIRA FATIMA, Subject: M.P.C. 1st year, Student/Teacher/Alumni

Institution/Company SULTAN-UL-ULOOM JUNIOR COLLEGE, Address: BANJARA HILLS ROAD NO-3

1. What motivated you to choose STEM subject?

The think motivated me to choose STEM subject is my goal. To fulfill my goals and become successful.

2. What strategy do you follow for your study?

I Follow the stategy that the "more we practise more we gain". practise makes ones perfect.

3. What is your career goal?

My career goal is to become an I.A.S officer. which is also my father's one of the most wanted wish to come true.

4. What is your expectation from this worksop?

I Expect that STEM is going to help me to make my goals come true and I develop my interacting skills.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I wanted ~~to~~ be I.A.S with B.Tech in parallel to have considered valuable Education with Science and maths field.

2. Do you feel that you have a better strategy for your study?

Yes, After going through this workshop, I understood how to have better strategy and how to make my study with interesting facts.

3. Do you have a better understanding on how to achieve your career goal?

Yes, To achieve my goal I have to think that every thing is possible when we really want it.

4. Do you feel that this workshop has been useful?

Yes, This workshop has been useful to keep our goals In easier way to have success.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Maryem, Subject: BSc Biotechnology, Student/Teacher/Alumni

Institution/Company Shadan Degree College, Address: 8-2-603/H/40, Banjara Hills Rd. 10 Gurubhramah Nagar

1. What motivated you to choose STEM subject?

I want to do different things. This STEM motivate me to do different things like studying ~~outside~~ ~~improving~~ my ~~communication skills~~. the hidelen or things of nature etc.

2. What strategy do you follow for your study?

I don't buttify the answers.
I will make a plan before studying. I will I'll make small points so that I can recall what I have studied before the exam

3. What is your career goal?

I want to become a Teacher.

4. What is your expectation from this worksop?

To give opportunities to study outside like in US.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

After attending the workshop I feel more motivated in my choice of study in STEM fields. By listening to the talks now I have gained the confidence that I can do something in the STEM field.

2. Do you feel that you have a better strategy for your study?

Yes, but by listening to the STEM workshop Directors like Dr. Sultana N. Nahar, Anil Pradhan and Nasreen Mam, I think that I have to improve my strategies for studying.

3. Do you have a better understanding on how to achieve your career goal?

By listening to ~~the~~ Such Good persons now I have a clear idea on how to achieve career goal in my life.

4. Do you feel that this workshop has been useful?

Yes, offcourse, this workshop was very very useful for me, It helped me a lot in understanding the studies in STEM and its importance in todays life.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 07, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NASEEBAH KHALEEL, Subject: _____, Student/Teacher/Alumni

Institution/Company SHADAN DEGREE COLLEGE Address: 9-4-61/133, MAIRAJ COLONY, TOLICHOWKI

1. What motivated you to choose STEM subject?

When i heard about STEM subject in our college as i catch the topic only because of its all about our own carriers which may helpful alot and also i feel good to known. This workshop will held with a group of WOMEN's.

2. What strategy do you follow for your study?

I follow some of the topics like to check blood group, DNA, RNA which all comes under bioinformatics in biotechnology. The subject science makes me to know more knowledge about a daily life. which in good and bad for us.

3. What is your career goal?

My career goal is to work hard that makes my parents proud of me. and also to join in Laboratory as a technician. and also to become a good professor in high college's.

4. What is your expectation from this worksop?

I expect this workshop is very good for me to build up my own carrier. and its really good to know about STEM. I may motivate more with a good seminar[1].

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

After the excitement and participating in STEM workshop field have found more motivated by attending all the sessions. and also its all about multiple of subjects. i feel like i can learn everything. This subjects combine together makes the STEM more intresting subject /Topics.

2. Do you feel that you have a better strategy for your study?

Well, yes i must say because when i start my studies, my motivation springs from different sources as does my general attitude to my studies. Study success requires clear objective, motivation, planning and self confidence. Being Physically fit is also helpful.

3. Do you have a better understanding on how to achieve your career goal?

Yes i have better understanding to achieve my career goal by getting clarity on my team's structor. talk to my own what can i do to make it easier, Focus on what i can control and have a plan for the rest, Making schedule, asking for a support, Tracking my accompolishment.

4. Do you feel that this workshop has been useful?

Obviously, this workshop will be very useful to me as i have learnt alot from this workship like vast options for our future studies and get aware of complications which i may face during the time of application for U.S.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SALEHA JABEEN AAZAD, Subject: B.Sc, Student/Teacher/Alumni

Institution/Company SHADAN DEGREE COLLEGE, Address: KHAIRATABAD

1. What motivated you to choose STEM subject?

first and foremost, choosing to study Mathematics was initially aim to do Engineering but changing to b.Sc Stream was a difficult decision but very interesting to learn statistics and Computer Sciences. fortunately I found myself in CS. Research motivated me to go with STEM.

2. What strategy do you follow for your study?

find Understanding of the subject and throughly practice with intermidiate breaks.
with irregular follow ups.

3. What is your career goal?

I am interested in research studies due to not aware of physics & chemistry I had to opt mathematics as well as computer sciences. Mathematics ~~became~~ was my favourite. Want to be a faculty of maths ~~and~~ / comuter science.

4. What is your expectation from this worksop?

This is the great chance for women to get educated and to come forward in STEM subjects. and to grab the opportunities to encourage other female student making awareness in education and bring out capability of being future.

THE OHIO STATE UNIVERSITY [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

A big yes, as mathematics is also a great contribution in research and very much needed by scientists in calculuses. I am satisfy with the choice i made choosing it as my subject and also motivated a lot even after attending work-shop which clearly gives evidence. that every contribution toward success is considered.

2. Do you feel that you have a better strategy for your study?

finding time for 2 hours in a day to nourishes are person's knowledge and to keep in touch with their interest and to keep moving.

3. Do you have a better understanding on how to achieve your career goal?

Research's are must important thing to start with any major step putting ahead in life. so this is the great help to students to realize the importance of research in any study and to move closer to achieve one's career in any particular field.

4. Do you feel that this workshop has been useful?

yes. In many aspects and ways that a student could benifit from experienced scientist and getting to know their researche's and their consistency which also motivates students to help self-development, confidence gaining and interest to pursue higher education.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: BASRA JABEEN AZAD, Subject: B.Sc [zoology, physicology, chemistry], Student/Teacher/Alumni

Institution/Company Dr. BR Ambedkar open University, Address: Jubliee hills

1. What motivated you to choose STEM subject?

It motivate me to be successfull In my subject which like to be study, my subject is Bsc in Zoology, physicology, chemistry It have scope in HealthCare In many fields.

2. What strategy do you follow for your study?

Most of the time I used to learn the full topic specially the sub heading so I can understand the Idea its talking about and understand In my own so so I can learn and write the main points about Question Asked.

3. What is your career goal?

I want my Career In HealthCare As I am Intrested In Medical field..

4. What is your expectation from this worksop?

By this workshop I can learn more about STEM Subject and opportunites In India and in other Countries as well.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I feel more motivated previously I don't known the Importance of this STEM field after listening What's the actuall STEM is about I gained some Important opportunities In . education and jobs.

2. Do you feel that you have a better strategy for your study?

Firstly we have to understand whats the subject is all about, then we have to research on it as much as we learn we get strategy to study.

3. Do you have a better understanding on how to achieve your career goal?

Setting goals for yoursef is about personal development for self-development to happen you must realize the benefits and be motivated enough to do it.

4. Do you feel that this workshop has been useful?

It helps you stay Connect -In a technology based society, technology is forever changing it also used in almost every aspect of our lives. STEM helps to transform new ideas into the best Inventions.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 7, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Vijaya Tirumalareddy, Subject: _____, Student/Teacher/Alumni

Institution/Company Salesforce, Address: Hyderabad

1. What motivated you to choose STEM subject?

   Technology Advancements and research option

2. What strategy do you follow for your study?

   read / listen & understand, evaluate Hypothesis, apply

3. What is your career goal?

   Evolve as a leader in Technology industry

4. What is your expectation from this worksop?

   motivate young women in STEM

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Very much, would like to be part of in future events.

2. Do you feel that you have a better strategy for your study?

Yes, The presentations and speakers have motivated and had given direction to pursue.

3. Do you have a better understanding on how to achieve your career goal?

yes, It is very helpful to navigate and achieve

4. Do you feel that this workshop has been useful?

Absolutely. I had not seen any such events before. Organized very well and coordinated with loads of information.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata), Kurnool, Patna

Name: SAHINA SULTANA, Subject: M. Sc Zoology, Student/Teacher/Alumni

Institution/Company MAULANA AZAD COLLEGE, Address: ~~Jagadishpur, Uluberia, Howrah~~ Rafi Ahmed Khidwai Road Kolkata - 700013

1. What motivated you to choose STEM subject?

This initiative of this workshop for great women about development & their carreer is, My mother & teachers motivated me to choose STEM subject.

2. What strategy do you follow for your study?

I liked my subject very much. At first, I understand the meaning, then reading & write. Teacher's help me if I don't understand any topic.

3. What is your career goal?

I want to be a teacher or professor, because I love this profession. This profession spread knowledge between the people.

4. What is your expectation from this worksop?

I expected that this workshop help in gain in knowledge & taking some advise that help us in our future carreer & study

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choices of study in this fields. We know about various career option in STEM fields & in research work. These precious advise & guidence of Dr. Nahar & Dr. Pradhan helps me to motivate more.

2. Do you feel that you have a better strategy for your study?

Yes. I do feel that I have a better strategy for my study. I increase my knowledge about higher studies, that help me in my future study.

3. Do you have a better understanding on how to achieve your career goal?

I want to be a teacher & or researcher & I know much information about this field. Dr. Nasreen Haque's advise gives me a new path for my career.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very much useful for me. Dr. Nahar & for her guidence & also Dr. Pradhans advise I am very ~~greatfull~~ thankful. And I also very thankfull for giving us such [2] golden opportunity.

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata,) Kurnool, Patna

Name: SALEHA SIRAJI, Subject: M.Sc. Zoology, Student/Teacher/Alumni

Institution/Company MAULANA AZAD COLLEGE Address: 8, RAFI AHMED KIDWAI ROAD, TALTALA, KOLKATA - 700013.

1. What motivated you to choose STEM subject?

My main motivation is my curiosity of learning new things (living), gaining knowledge about it in details. This gets me deeper into the subject and ultimately I started loving my subject (science).

2. What strategy do you follow for your study?

It can be funny, but I believe in studying and teaching. Through this I learned even better. 'Understanding' a process/phenomenon is very important, I believe without which learning is not possible. I read, I learn, I teach and I relearn "Concentrate hard, study well", I said.

3. What is your career goal?

To be a researcher; work in field of science with renowned people and accomplish as a successful teacher in life someday.

4. What is your expectation from this worksop?

I expect to learn and gain infoormation more on Science, meet some renowned people, get inspired and achieve some motivation to seek forward for doing higher education.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I felt motivated in my choice of study in STEM field. Prior to this workshop I just had a thought of doing further studies but now I have a vision of pursuing STEM in life, making it a part, a day-to-day life chore and inventing some new helpful knowledge to share with the world around.

2. Do you feel that you have a better strategy for your study?

Yes, I do feel I have a better strategy for my study because I learn little, but complete and thoroughly. Memorizing does not always work but logically connecting all the System Scientifically.

3. Do you have a better understanding on how to achieve your career goal?

In order to achieve ones goal, It's important to have a clear thought about our career, that what we are good at ~~so~~ which will lead us to success. With "desire", we need to have a strong base on the subject, sufficient knowledge about it and ofcourse "will power".

4. Do you feel that this workshop has been useful?

Yes, pretty much, this workshop proved to be successful enough ~~in~~ in providing me a clear vision of how should I be choosing my subject, I gained knowledge about steps of getting into US university came to know & meet many eminent people like Ms. Sultana Nahar, Ms Sheena's word that "believe in your self first, everything will be possible", Sir Pradhan saying that "by doing research work in your field". Lots more to say, but ending up saying all of

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Tanvi Rahman, Subject: M. Sc in Zoology Student/Teacher/Alumni

Institution/Company Maulana Azad College Address: ~~Surendralal Iyne, College Street~~ Rafi Ahmad Kidwai Road, Kolkata- 700013

1. What motivated you to choose STEM subject?

I want to know more about ~~more~~ in Science. It is initiative how to interact with teachers, how to ~~to~~ answer the unknown questions. I also hope that it give some information ~~to~~ how to choose correct ~~opportunity~~ stream, give some knowlege about ~~the~~ those opportunity, we do not know.

2. What strategy do you follow for your study?

First, I try to understand the topic, in any subject, then I try to memorize it.

3. What is your career goal?

I want to do P.hd in Zoology. I want to gather more knowledge about in zoology, in science.

4. What is your expectation from this worksop?

I hope that this workshop give me more knowledge how to choose correct stream, give me inspiration, ~~how to use~~ the opportunities, which we are ~~the~~ totally unknown, how can use the opportunities.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I felt more motivated in study in STEM fields. I got so many knowledge after attending 'STEM'.

2. Do you feel that you have a better strategy for your study?

Yes, I got better strategy in my study. It taught me "how to learn" and also how to teach". I think that I will be helpful in future.

3. Do you have a better understanding on how to achieve your career goal?

It is very helpful to take right discision in my career. The eminent professors helped me so much to clear my confusions., they told the opportunities to complete research in VISA., also the facilities in VISA universities.

4. Do you feel that this workshop has been useful?

This workshop, getting me so much enthusiast I wish to go VISA and want to complete research in VISA. This workshop is so good. I feel so much greatful to Madiha mam to give me the chance to attend such useful workshop. Thanks to Dr. Irving, Dr Nahar, and Dr. Pradhan. Thank u so much sir and mam

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3., Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata), Kurnool, Patna

Name: Jesmine Murshed, Subject: Zoology (M.Sc.), Student/Teacher/Alumni

Institution/Company: Maulana Azad College. Address: ~~25A, Alimuddin Street, Kolkata-700~~ Rafi Ahmed Kidwai Road, Kol-700013

1. What motivated you to choose STEM subject?

I believe that the initiative of this workshop for women will help us to choose the coorrect stream of science ~~field~~ that I like to study. I ~~would~~ will get to know another fields like technology, engineering etc. I hope I will get my answers which I ~~found~~ find around me, while studying ~~all~~ science subjects.

2. What strategy do you follow for your study?

First of all, the subject which I study, I love that subject very much. I understand the meaning, the benefits of studying. I have basic knowledge of subject topics. ~~which if~~ I don't understand any topic, I usually go through the videos online to make my concept clear.

3. What is your career goal?

I want to persue ~~PH~~ my Ph.D degree. & I would like to be a professor. As I said before I love learning new things and I hope I will able to make my fellow students to understand my learnings.

4. What is your expectation from this worksop?

I hope this workshop will help me to break the hard and fast rules of studies, and ~~will be~~ hope I will gain knowledge to explore myself in and out studies. ~~both~~. I hope it will make me break my silence ~~from~~ through STEM workshop. I will get lot of knowledge from STEM fields.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, of course. I feel I had made correct decision for being in STEM fields. As, Science teaches me that every thing in this universe is not answerable. I should need to keep discovering my abilities to study science, more in research field.

2. Do you feel that you have a better strategy for your study?

Yes, I think, I have better and more proper strategy to study science. I have learned lot of methods for memorizing my studies. I understand the joy of studying feel the great excitements for discovering various things related to science.

3. Do you have a better understanding on how to achieve your career goal?

I think, my career goal to become a researcher as well as professor is the correct career option. I have chosen. Through this workshop, I understand the responsibility of a researcher, their hard work to their respective topic is unbeatable unbelievable. I believe, I can also be one of them at some point of my career. It is a life-time opportunity that STEM has given us.

4. Do you feel that this workshop has been useful?

Of course, this workshop is very much beneficial to me. After interacting with Dr. Nasreen Haque, I got to know various gate-ways to reach & teach there in their respective subjects. And all others Scientists Dr. Sultana N. Nahar, Dr. Avijit Pradhan & Dr. Karen F. Tor have given us the best of their knowledge and experience of their life. For them, I am greatly thankful to all of them & Not but not the last thanks to Madina Mam. Thanks to all.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata) Kurnool, Patna

Name: Munshi Saba Khatoon., Subject: ~~student~~ Science, Student/Teacher/Alumni

Institution/Company Saifee Hall, Address: Park lane

1. What motivated you to choose STEM subject?

For making my future a better one, I hope from this I would be able to make my courier options clear to me, and I would be able to choose a proper courier for myself.

2. What strategy do you follow for your study?

I follow, a strategy of studying 4 to 5 hours everyday.

3. What is your career goal?

I wanted to become a computer engineer or else do something related to computers only.

4. What is your expectation from this worksop?

After this workshop, hopefully I would be clear with what to do in future, and would be able to choose a proper courier and ofcourse a proper future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, ofcourse now I feel like I am ~~sig~~ in the right path and after attaining this workshop I feel so motivated alot, and sure enough in my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes, now I have a much definite and refined way of strategy for my studies, now I know what to do and concentrate in which topics. and how to achieve my dream goal.

3. Do you have a better understanding on how to achieve your career goal?

Now I have a very refined and good understanding on how to achieve my career goal, what to plan next and how to work upon that plan.

4. Do you feel that this workshop has been useful?

This workshop has been of great use, nowadays ~~parents to make~~ in our presurvey forms I was especially struggling to write and thinking a lot what to write and what not, but now because of this [2]survey we are a lot confident and know what to write and how to explain ourselves.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata), Kurnool, Patna

Name: TANZILA NAZ, Subject: 12th (SCIENCE) - Standard Student/Teacher/Alumni

Institution/Company SAIFEE HALL, Address: Park Street - 16

1. What motivated you to choose STEM subject?

S - Science
T - Technology
E - Engineering
M - Mathematics.

I guess the abbreviation itself is enough to motivate a student who has got high goals. STEM doesn't focus on one single subject but offers varieties, that is what I term 'motivating'.

2. What strategy do you follow for your study?

I always prefer going by my 'time-table' to any other means. It's basically divided into 3 categories - 'Institution'/'Tuition'/'Self-study'. What I believe to be the most important step while making a schedule is to spare some time where you could provide some fun for your 'peace of mind'. Books and games walk together

3. What is your career goal?

It want to opt for engineering. To be more precise I want to become a software engineer.

4. What is your expectation from this worksop?

I hope, this workshop will remove all those inbuilt fear and doubts, I have embedded in myself, most importantly It will hopefully boost my confidence and pave my path towards success.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, definitely. I guess the drop of knowledge I had prior to attending this workshop has been increased immensely. I'm sure this motivation will have some really appreciating repercussions.

2. Do you feel that you have a better strategy for your study?

I guess now I need to be more focused and try and improve myself in those fields ~~I'm not sure that.~~ where I don't have a strong hold. For instance, now I need to devote more time in science and computers and give justice to my determined spirit by not wasting time in ~~wasting~~ unnecessary stuff.

3. Do you have a better understanding on how to achieve your career goal?

STEM has appreciably helped me to have a better understanding on how I should achieve my career goal. I guess USA will serve ~~my~~ me better where I can achieve what I aspire for.

4. Do you feel that this workshop has been useful?

Definitely, ~~this~~ this workshop has been of great help. Interaction sessions helped us to clarify all the doubts we had, plus the amazing explanation given by all those eminent personalities was one of the best things about this workshop. Thanks to all!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Arya Uroz, Subject: Science, Student/Teacher/Alumni

Institution/Company Saifee Hall, Address: Park lane

1. What motivated you to choose STEM subject?

My aspiration to become a part of a Medical Institution and help other motivated me to choose STEM subject.

2. What strategy do you follow for your study?

I prefer to study with short breaks inbetween my studies. It helps to refresh my mind help to me to learn bin a better way.

3. What is your carcer goal?

I want to become a doctor, a cardiologist or an opthalomalogist.

4. What is your expectation from this worksop?

I expect that this workshop will help me to explore different ~~cat~~ fields in medical streme and would also help me explore fields in different streme that night evoke my interest.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. The several problems which I thought I would face, I feel some of them will be solved now. It was really interesting to talk with such eminent people. I think I am more focused now.

2. Do you feel that you have a better strategy for your study?

Yes. I think Dr. Nahar's advice to continue with a particular thing and have a break only when you complete it, will really help me.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I think now I have more information about the fields which I can opt for and how can I go about it. I think Dr. Nahar's website will be quite useful for all the students.

4. Do you feel that this workshop has been useful?

This workshop has been really useful. This workshop has evoked my interest in a lot of other fields and has intrigued my mind to think about all the courses I have heard of. I think now I have to give a second thought over my career goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata), Kurnool, Patna

Name: Nafisha Mohiuddin, Subject: ✓, Student/Teacher/Alumni

Institution/Company Saifee Hall, Address: 9, Park lane Kolkata-16

1. What motivated you to choose STEM subject?

Physics has always intrigued me I find learning how machines and everything else in this universe works interesting. Also, having an aptitude ~~for~~ in the subject Mathematics makes ~~the~~ the ~~subject~~ practical and numericals part easier for me.

2. What strategy do you follow for your study?

I follow "an understanding & learning" strategy for my studies. Instead of memorizing everything I prefer to understand the subject. ~~& instead~~ I don't follow a particular timetable ~~& instead~~ I prefer "quality" studying instead of "quantity".

3. What is your career goal?

I have a few startup ideas which I plan on galvanizing them. First I plan on finishing my education so that I can have a fall back option of my ideas don't work since it's an open secret that Business is a risky option.

4. What is your expectation from this worksop?

I hope this workshop will ~~be~~ provide guidance and make my career options clearer.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do. ~~After talking~~ Especially after talking to Dr. Haque, I feel more comfortable with my choice and I think I can now see my options and in which particular field I'd like to take and build my career on it more clearly.

2. Do you feel that you have a better strategy for your study?

Yes I do feel that ~~taking~~ being a part of this workshop has definitely ~~fulfilled its~~ helped me find a better strategy and take a more systematic ~~and~~ approach ~~towards~~ my studies. I simply loved Dr. Irving's presentation on enhancing learning skills

3. Do you have a better understanding on how to achieve your career goal?

I feel that this workshop has laid all the pointers, and has given me a ~~way~~ path for me to follow to start ~~off on the~~ my journey towards a successful career in STEM. It has been enlightening and a joy to be a part of it.

4. Do you feel that this workshop has been useful?

I think this workshop has fulfilled its purpose of motivating women and instilling the much needed confidence in the minority among our society. I only wish that ~~that~~ the next time ~~this~~ this workshop will motivate more people to participate in it.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Zaheen Akhter, Subject: Science, Student/Teacher/Alumni

Institution/Company Saltee Hall, Address: Park Lane

1. What motivated you to choose STEM subject?

For making my future better, for being correctly guided, all these thoughts made me motivated.

2. What strategy do you follow for your study?

I firstly offer myself with a short break and ~~shor~~ ~~t~~ then I switch to "study mode".

3. What is your career goal?

I am doubtful and need guidance.

4. What is your expectation from this worksop?

My expectation from this ~~w~~ workshop is that I am confident and clear to choose my career correctly.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM fields.
Now, I feel happy that I choose ~~et~~ STEM.

2. Do you feel that you have a better strategy for your study?

Yes, Now I feel that I have a better strategy for my study. I will make sure to not to waste time and be dedicated and give 2 hours of every day for STEM.

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I have a better understanding of what should be my career and how should I achieve goal

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very useful to me, It help me to open up to new people. I gain more than I expected to gain. I am glad that I was a part of such a wonderful workshop. It helped me a lot. It has open up paths for my career. It was my first and best experience.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 03, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata) Kurnool, Patna

Name: SHABANA YASMIN, Subject: Teacher, Student/Teacher/Alumni

Institution/Company AJB PUBLIC SCHOOL, Address: 84/3 Muzaffar Ahmed Street Kolkata 700 016

1. What motivated you to choose STEM subject?

The motive of "Women in STEM Roadshow' has motivated me. The women will get opportunities in science education, that too from the Muslim Minority section. Women will be able to fulfil their dreams. I can help them in achieving their goal, which will fulfil my dream.

2. What strategy do you follow for your study?

I study a part of the subject or a chapter, try to divide it into points, tabulate data, and explain the same with the help of the students. I am a Biology teacher and love interactive classes. I give lots of illustrations to make the class interesting.

3. What is your career goal?

Help others in field of education, whenever and wherever possible. I love to help the deprived mainly. Even when I ~~taught~~ teach students, who are mentally handicapped, voluntarily, I feel good. I want to counsel the needy.

4. What is your expectation from this worksop?

I want to teach. I want to share valuable information on science to all. I want to work for women. Women should get opportunity to open themselves up. I would be grateful if I could get a chance to help the women among the minorities, to help them reach you and proceed to build up a career with you.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes! I feel more motivated. I have done Honours from Calcutta University in Zoology. M.Sc. in IT. I would find interest in studying in STEM field. Lots of disciplinaries are there. My choice! - Secondary School Teacher for Science.

2. Do you feel that you have a better strategy for your study?

Ofcourse I have a better strategy. I can teach the whole class, making them interact. Systematically the teaching-learning session can be carried easily now. Confidence level of students can be raised now to a great extent.

3. Do you have a better understanding on how to achieve your career goal?

Yes, again! I was really in a dilemma, how to guide my students to achieve their career goal. Even, I got so many options. The whole picture is now so very clear.

4. Do you feel that this workshop has been useful?

Yes! this workshop is really useful. We, Indians, think it is impossible to study abroad. Only those who are fortunate, wealthy, only they can affort to build career with us. But after the lovely workshop everything seems possible. Thank you!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata) Kurnool, Patna

Name: Iqra Shakil, Subject: High School Student, Student/Teacher/Alumni

Institution/Company Ashok Hall, Address: 5A, Sarat Bose Road, Kol - 20

1. What motivated you to choose STEM subject?

I think there is more that Science has to offer me apart from the curriculum to which our school limits itself. I am here to explore, what Science really is and what role it should play in my life.

2. What strategy do you follow for your study?

I plan my study schedule according to examinations held in our school. Each day I plan which chapters are be dealt with, within that day.

3. What is your career goal?

I am amazed by Chemistry. I hope to pursue a career with the subject.

4. What is your expectation from this worksop?

I expect to leave this workshop with more passions for Science, with more confidence, and a mind that questions and is curious.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, definitely. After meeting Dr Sultana I am more confident. I feel amazed at what her team is doing to make this world a better place.

2. Do you feel that you have a better strategy for your study?

Absolutely. Now, I know how to plan my ~~strategy~~ strategy to pursue my future goals. Dr Irving and Dr Nasreen helped a lot with their talks and question answer sessions.

3. Do you have a better understanding on how to achieve your career goal?

Yes, the career planning was elaborate. The financial assistance for education ~~for~~ was explained in depth and was practical.

4. Do you feel that this workshop has been useful?

Yes. The workshop has answered all my questions. The professors were amazing, they not only conveyed the content but did so in an effective and engaging manner. I feel content.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SUMBUL AHMAD, Subject: COMPUTER, Student/Teacher/Alumni

Institution/Company SAIFEEHALL SCHOOL, Address: 9, PARK LANE, KOL-16.

1. What motivated you to choose STEM subject?

Being a computer educator, I understood how the arena has changed from conventional methodologies of teaching and learning towards activity based learning, which involves all Science Technology, Engineering and Mathematics to work parallely towards teaching and learning objectives.

2. What strategy do you follow for your study?

I follow the trend of changing Technology which is as of now focussing on Robotics and Artificial Intelligence, being a post graduate in Computer Science, I understand the fast changing technologies so my learning and teaching curve always focuses on that change and adaptation.

3. What is your career goal?

My career goal is to educate and help our community children to achieve their goals, expose them to the importance of education and the evolving Technologies. Reach out to the maximum students to impart knowledge and experience.

4. What is your expectation from this worksop?

I am a Phd aspirant, so hopefully this workshop can guide me through the process to achieve my goals.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, This workshop has been very motivating as well as enriching. I would not only like to stay connected and enhance my qualification and degrees, but try to mentor my students better.

2. Do you feel that you have a better strategy for your study?

Yes, ofcourse I've have learnt alot about higher education abroad and what should be our strategies of applying to universities, how to get financial aids, mentors, recommendation letters etc. Vision of procedures are quite clear.

3. Do you have a better understanding on how to achieve your career goal?

A much better understanding, will definitely try to use the experience to gain our career goals.

4. Do you feel that this workshop has been useful?

A very enlightening ~~workshop~~, Really appreciate the efforts taken by Dr. Nahar, Dr. Pradhan and Dr. Irving, they are doing a great job towards women empowerment and helping us come out of that shell and helping us believe in our capabilities and pursuing our career in STEM Education ☺

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: PARVEEN BEGUM, Subject: B.Sc. Biotechnology Student/Teacher/Alumni

Institution/Company Institute of Genetic engineering Address: Madhyamgram (Badu)

1. What motivated you to choose STEM subject?
Now I'm studing in college (B.Sc. course) but I always cursfous about my further studies and I searche on internet about further studies.
My friend suggest me that there is workshop in kolkata and she sent me information about the workshop.
So, I choose STEM subject.

2. What strategy do you follow for your study?
I make routine but most of the time I cannot follow it but I can manage my theories subject and practical paper properly.

3. What is your career goal?
~~Actually I cannot understand how to~~
~~I want career which related to animal and fie~~
I want animal related carrer where I can worked with animal. Currently I'm doing B.Sc. in biotechnology but in future I want to work with animals.

4. What is your expectation from this worksop?
My expectation is that I can learn more about how to choose my ~~factore~~ further studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yeah, of course. There is many quearies about examination, application etc but after workshop most of my queries gets cleared and I feele more motivated. And I actually feel that STEM fields is really vast and nee do whatever we want to do but we should focus in our goals.

2. Do you feel that you have a better strategy for your study?

Yeah. I feel that I have to make better stradegy for my study. Before this workshop ~~I did many ex~~ my stadergy of study ~~contains~~ is not so well but after the workshop I have many ideas on my ~~mind~~ mind that how to work on my strategy.

3. Do you have a better understanding on how to achieve your career goal?

Yes. When I came here there is many quearies but my perspective of careers goal becomes more clear and I understand betters.

4. Do you feel that this workshop has been useful?

Of course this workshop has been useful. Even everyone are very good. The scientists who taught us about criteria and how to choose our goals, they are extremly awesome and they answer our every questions.
~~There~~ I attend first time in this kind of workshop and I'm really ~~pleased~~ happy with that.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: TANIA CHOWDHURY, Subject: PHYSICS (Bsc.), Student/Teacher/Alumni

Institution/Company ALIAH UNIVERSITY, Address: NEWTOWN

1. What motivated you to choose STEM subject?

when I was in 10 th Standard the Cause of natural phenomena was unknown to me but it was very interesting. why the sky is blue. How rainbow formed lots of such thing. I love to teach others so I choose the subject.

2. What strategy do you follow for your study?

I listen very carefully when I attain my class. we take note of our class. I study everyday. If I face any problem while studying I discuss with my teacher.

3. What is your career goal?

I want to be a proffessor.

4. What is your expectation from this worksop?

I expect from this worksop to interact with our senior person and know something diffrent from our normal routine.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, I feel more motivated to choose a STEM Subject. Because I feel that it gave me more option in my Caneer and help me to get job.

2. Do you feel that you have a better strategy for your study?

I have my strategy for my study but I get more information about to learn, after joining the workshop. and thought something new beyond ~~normal~~ familian way.

3. Do you have a better understanding on how to achieve your career goal?

yes, I know so many things to achieve my goal, and so many Canner option.

4. Do you feel that this workshop has been useful?

yes, along this workshop I got the information of education in us and selecdievely the chance of ~~mino~~ ginks in higher studiess. It motivate me more and more in research field.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 03, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata), Kurnool, Patna

Name: AFREEN HAQUE, Subject: M.Sc ZOOLOGY, Student/Teacher/Alumni

Institution/Company MAULANA AZAD COLLEGE, Address: RAFI AHMED KIDWAI ROAD; KOL-13.

1. What motivated you to choose STEM subject?

From a very young age, I have this nature to know everything that is happening around me - from the fact why some flowers are coloured red and some white, why it is difficult to climb up the stairs but easy to climb down and why I resemble my father more than my mother. The fact that I could know all these answers made me to choose STEM subject. And my mother, being a post-graduate in Bengali, wanted to study science and she could not, so she wanted her daughter to study science. So my have-to-know-everything nature along with my mother's support ~~wanted~~ motivated me to choose STEM subject.

2. What strategy do you follow for your study?

Clearing the basics before going through the chapter is what I do religiously. After reading the chapter, I generally watch animated videos regarding the chapter which helps me remember thoroughly of what I study.

3. What is your career goal?

I want to be a teacher/professor because I find that teaching is a learning process in both ways. Before that I want to do research in the subject I am studying.

4. What is your expectation from this worksop?

I am an introvert, so I guess this workshop will help me break my silence and interact. I do expect to gain information regarding STEM and why more and more women should choose STEM. I expect to learn about the future opportunities in STEM field all over the world. Serena Williams quoted 'The success of each women should be an inspiration to the other. They should raise each other up' - so I expect to be inspired by the eminent personalities present here.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I feel more motivated and I think I made the right decision in choosing STEM. The various career option in STEM fields and the research opportunities in the US itself is a motivation. I am very thankful to the director, Dr. Nahar and for her guidance and thankful to Dr. Pradhan and Dr Irving for motivating us. The journey is difficult but our aim should be high is what I learned.

2. Do you feel that you have a better strategy for your study?

Yes I do feel that ~~we~~ I have a better strategy in my study. The effective way to study, the habit of inquisitive nature should be developed. I think the most important strategy that I learned is that we should know the reason of why we are studying a particular subject and go deeper into it.

3. Do you have a better understanding on how to achieve your career goal?

Yes I do wanted to be a professor/teacher and talks from the eminent personalities made me understand what are the different ways in which we can achieve it. I will continue my studies in STEM and I am extremely thankful to Dr. Irving for demonstrating of how to teach science and the activity was really helpful. I am also thankful to Dr. Haque for providing opportunities for us to be able to teach in US. Before all these, I want to be a scientist, do research and I am very thankful to Dr Nahar and Dr Pradhan for revealing the way to do research in US. I think all of these combined will allow me to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes this 'once in a lifetime opportunity' has been really useful. I did learn to be interactive and stand and make a point. I did learn a lot of things — how to apply for research in US, what are the career objectives and options in US, the ability to think and do the activity.

The most interesting thing that I learned is that there is a degree in teaching science which I did not knew even existed.

I am thankful to the director ~~for~~ the STEM Roadshow.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AFSANA RAHAMAN, Subject: B.Sc PHYSICS, Student/Teacher/Alumni

Institution/Company ALIAH UNIVERSITY, Address: NEW TOWN

1. What motivated you to choose STEM subject?
when I was in 10th standard, Cause of natural phenomenon was unknown to me but to me it was very interesting matter that why sky is blue, I want to know the cause of it and about the dispersion of which light. which is very interesting I want to teach some one about these interesting matter. and cause of these, I choose his subject

2. What strategy do you follow for your study?
I listen my class very carefully. when our teacher teach us about our subject or any topic. I note down that speach. If I face any problem about my study, I discuss with our teacher.

3. What is your career goal?
I want to be a Professor.

4. What is your expectation from this worksop?
I expect from this worksop to interact with our seminar Person. and want to know something different from our regular routine.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?
Yes' I feel more motivated to choose ~~SEEM~~ STEM subject.

2. Do you feel that you have a better strategy for your study?
I have my strategy for study but get more information about to learn and to achieve in my career goal.

3. Do you have a better understanding on how to achieve your career goal?
Yes, I got many things which help me to achieve my career goal.

4. Do you feel that this workshop has been useful?
Yes, I understood many things through this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MST ARZIA PARVIN, Subject: B.Sc PHYSICS, Student/Teacher/Alumni

Institution/Company ALIAH UNIVERSITY, Address: NEWTOWN

1. What motivated you to choose STEM subject?

When I was in 10 th standard, cause of natural phenomena was unknown to me but to me it was very interesting matter that why sky is blue. I want to know the cause of it and about the dispersion of White Light which is very interesting. I want to teach Someone abou these interesting matter and cause of these. I choose this subject.

2. What strategy do you follow for your study?

I listen my class very carefully. When our teacher teach us about our subject or any topic, we I note down that speech. If I face any problem about my study, I discuss with our teacher.

3. What is your career goal?

I want to be a Professor.

4. What is your expectation from this worksop?

What I expect from this worksop to interact with our Seniour person and want to know something different from our regular routine[1].

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated to choose STEM Subject. This workshop gave me more option to achieve own study.

2. Do you feel that you have a better strategy for your study?

I have my strategy for my study but I get more information how to learn and to achieve in my carrier field. through this workshop.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I got many things which help me to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes, I can understood many things through this workshop which help me in my study, to achieve my career goal, how to communicate others etc.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata), Kurnool, Patna

Name: SHAHNAZ AKHTAR, Subject: (B.Sc) Microbiology ✓ Student/Teacher/Alumni

Institution/Company Maulana Azad College ✓ Address: 8, Rafi Ahmed Kidwai Road, Kol - 13.

1. What motivated you to choose STEM subject?

The fact that the STEM subject involved a practical aspect and could open windows for research and developmental work. Another thing which motivated me was that with Science, there are no boundaries. It is a vast subject and the possibilities are endless. This subject when studied wisely and in good deed can lead to the betterment of society.

2. What strategy do you follow for your study?

I read books, rather than memorize notes, just to develop a concept. I also follow online videos for a better explanation. Following college lectures also helps. Apart from this, studying two hours a day (atleast) is on my everyday list.

3. What is your career goal?

my career goal is to complete my bachelor's and master's degree and then opt for a Ph.D as research is my forte.

4. What is your expectation from this worksop?

To learn how to strive for excellence and to get a gist of how to move ahead in this field. I also expect to learn skills which will help me develop my overall self.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, definitely I feel motivated. Seeing the vast number of career options and endless possibilities, I feel open to a lot of things. Now, I feel much more inclined to go into the research field and I am proud that I chose the STEM field.

2. Do you feel that you have a better strategy for your study?

After the workshop, I feel that I should include some more things in my strategy for studying. Including online courses and knowledge about othe fields is also important. Also, practical work will help a lot in the STEM field. So, improving analytical and practical concepts would be good.

3. Do you have a better understanding on how to achieve your career goal?

Listening to so many talks made me determined and focused. I know or rather I should say, I have an idea as how to go about my career goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop was extremely useful for an undergraduate student like me. I learnt so many new things and got a gist of what things are required to study abroad.

I have to say that I feel enlightened after this workshop and I look forward to more STEM workshops.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 03, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: HAFSHA WAHAB, Subject: B.Sc BIOTECH, Student/Teacher/Alumni

Institution/Company INSTITUTE OF GENETIC ENGG. Address: MADHYAMGRAM, BADU

1. What motivated you to choose STEM subject?

To explore more about my further study options, as I want to get into the research field and would like to pursue it from USA itself.

2. What strategy do you follow for your study?

A systematic routine, where I try to put my theory in my practical works too.

3. What is your career goal?

To get into the research work, complete it successfully and to do work for the welfare of the society.

4. What is your expectation from this worksop?

I would like to learn more and more from such eminent scientists, who can guide us about the future study and scope in my particular field.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes indeed...
The professors (Dr. Sultana Nahar, Dr. Anil Pradhan and Dr. Karen Irving) did not only clear our doubts but gave us a ~~clear~~ crystal clear outlook towards the whole project. It was highly a great and prominent experience to learn about so many things from such eminent personalities.

2. Do you feel that you have a better strategy for your study?

Though, I ~~had~~ have a strategy to proceed my studies, especially, my PhD from US, yet I had some doubts. But with the help of these professors all my queries were answered and have got a better way to proceed for my dream career.

3. Do you have a better understanding on how to achieve your career goal?

I am learning about all the resources available that can help me to accomplish my goals. I have a planned out strategy and working on it too. But I need to add some more activities to raise up my calibre and enhance my chance to get admission at one of the esteemed universities of USA, hopefully Ohio University

4. Do you feel that this workshop has been useful?

Yes indeed....
It was a great ~~experi~~ opportunity to interact with such highly talented people, who ~~tried~~ to gave their best to clear our doubts. They helped us to explore more about the career options in STEM which can be highly proficient for my particular Biotechnology course.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sadiyah Hossain, Subject: _____, Student/Teacher/Alumni

Institution/Company Kendriya Vidyalaya No.1 Address: BB-35/2, Salt Lake, sector-I Kol-64.

1. What motivated you to choose STEM subject?

There are many streams related to science. Which I ~~focus~~ find interesting. I believe that my keen interest would help me for my further education.

2. What strategy do you follow for your study?

i) Setting Goals
ii) Being open to new ideas.
iii) Taking short breaks
iv) Asking questions
v) Noting all the things that I've learnt.

3. What is your career goal?

Want to pursue something different & creative in the field of science.

4. What is your expectation from this worksop?

So, That I ~~could~~ can build a sense of knowledge to decide my stream.
& ~~As a student~~ And learn.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

→ Yes. My interests in STEM fields has increased more.

2. Do you feel that you have a better strategy for your study?

→ Yes.
We should also apply the knowledge in practical.
~~at~~That would fall for research work.
• And also teach others what we have learnt.

3. Do you have a better understanding on how to achieve your career goal?

→ Yes. As I've been introduced to ~~so~~ many ways on how to achieve my goal by the eminent professors who've motivated me.

4. Do you feel that this workshop has been useful?

→ Yes. It has enhanced my knowledge & ~~made my~~ helped me to get ideas for my future plans.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: WARISHA SARFARAZ, Subject: BSc. CHEMISTRY, Student/Teacher/Alumni

Institution/Company MAULANA AZAD COLLEGE, Address: 8, RAFI AHMED KIDWAI ROAD, KOLKATA-13

1. What motivated you to choose STEM subject?

I always dreamt of teaching teachnology to other people. I choose up this subject. I want to represent India in World Chemist Conference so I chose up this subject

2. What strategy do you follow for your study?

Before starting my studies, I make a week plan on Sunday, Basically focussing on 1 major one (main preperation) and one more paper/subject. Then I focus on the topic that is being taught in my institution and then on Saturday I revise whatever I studied the whole week.

3. What is your carcer goal?

My career goal to ~~be~~ teach the upcoming generation on focusing more on knowledge more than on getting marks. I want to influence people particularly girls to take up science for a long run. Dot to end up in between due to family pressure or something. I dont want choose a career which ~~or~~ is on only attached to me, ~~it~~ I want others to be benifited, society to benifited from me.

4. What is your expectation from this worksop?

I expect this workshop to guide me in a much better way to study. As a woman how should we use our teelents instincts to make out our plan better. To plan up our future goals

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel very much motivated. The scientists helped us to explore ourselves in a much better way. Some words of our professor cant get detached from my life now. And Sir's "Necessary but not sufficient."

2. Do you feel that you have a better strategy for your study?

Yes, I have a much better strategy now. I'll surely follow what Sultana Maám said. I'll take out 2hours for STEM subject apart from my studies and academics. I will surely aim up high to achieve my dreams.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I have a very much better understanding on how to achieve my career goal. The resume part was also very awesome. It guided us on what should we write or not. I was very inspired by Shina maám's speech. I will surely work hard to achieve my career goal and will never give up.

4. Do you feel that this workshop has been useful?

Yes. It was really useful. The last session particullary guided me in a much better way to opt for Career in US. I have explored my future plans

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MAIMUNA KHATOON, Subject: B.Sc. CHEMISTRY, Student/Teacher/Alumni

Institution/Company MAULANA AZAD COLLEGE Address: 8, RAFI AHMED KIDWAY ROAD Kol-1

1. What motivated you to choose STEM subject?

→ Actually I have a dream to study in foreign Universities to know much about my topics related to science. So, I found 'STEM as a helpful measure to get my dreams fullfilled. And offcourse, Madiha Mam motivated us with lots of hopes and encouragements.

2. What strategy do you follow for your study?

→ Storage Strategy !! My strategy is to read the texts first and giving a time to get it lock into my mind by thinking and memorizing the concepts in my free or usual times. And then growing my concept by reading books of some eminent writers.

3. What is your carecr goal?

→ My goal is to get all the knowledge related to Chemistry. I really love my subject so I want to discover new researches and the knowledges developed. By also I have the goal to become a ~~silent~~ student of foreign University.

4. What is your expectation from this worksop?

→ I expect this workshop to be helpful to develop my skills in interaction and giving me enough knowledge and outlook to develop my career easily and nicely.

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

→ Yes !! The professors were very much encouraging, Nahar Sultana mam, Anil Prasad Sir and Carren Irving has just developed enthusiasm, interests in Science. They were very helpful to us.

2. Do you feel that you have a better strategy for your study?

→ I think yes because we should memorize the concepts and the things we read or learn. It increases the rigidity and the out look of the topics.

3. Do you have a better understanding on how to achieve your career goal?

→ Yes !! Sultana mam just explained all the things in such a detail manner that now I have some understaning to achieve my goal. Now, I aim to achieve it in a bit easy manner.

4. Do you feel that this workshop has been useful?

→ Yes !! This workshop has helped me to decrease my fear of going to different place and, ~~adapting~~ getting adapted to the new environment. It helped me getting a way out to achieve my dreams of developing my skills by reading in 'US' universities.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata) Kurnool, Patna

Name: AFRAN ALAM, Subject: B.Sc Microbiology Student/Teacher/Alumni

Institution/Company Surendranath College, Address: 24/2 M.G Road, Kolkata - 700009

1. What motivated you to choose STEM subject?

According to me science ~~as my~~ is the most practicale subject. It help in understanding our day to day life.

2. What strategy do you follow for your study?

I believe in self study. According to me taking private tuitions reduce our inner capabilities of understanding and reasoning. Going through our books, notes etc is the best way to understand our subject. Studing for atleast 2 hrs a day is enough and better to keep on studing for long hours just before exams.

3. What is your career goal?

I want to take a bachelor degree in education and wants to take up teaching as my career.

I also wants to take Master degree in science because it is much needed before I can take teaching as my career.

4. What is your expectation from this worksop?

To know more and more career option in science.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I am very glad and motivated after attending the workshop. After the workshop I am very proud of my choice of studing STEM.

2. Do you feel that you have a better strategy for your study?

After attending the workshop I got the better strategy for my way ~~o~~ of study. The professors taught us and made us understood the time management for our studies.

3. Do you have a better understanding on how to achieve your career goal?

Yes, the workshop provided us all the information about the scope in STEM ~~su~~ subject in India as well as in USA. The professors also help us to know about every step ~~in~~ like financial help ~~(sho~~ (scholarsphips), student visa etc which would help me in my further career.

4. Do you feel that this workshop has been useful?

Yes, after attending the workshop I get ~~th~~ all the information about professions and ~~so~~ scope in STEM and the professors also taught us writing effective resume which would help us in our further life. The professors also showed us way of thinking how Scientists think, a way of reasoning. I am very thankful to everyone who arranged such kind of workshop in our state.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata) Kurnool, Patna

Name: NAIMA NAWAZ, Subject: Microbiology (Bsc.), Student/Teacher/Alumni

Institution/Company Maulana Azad College, Address: 8, Rafi Ahmed Kidwai Road, Kol-700013

1. What motivated you to choose STEM subject?

Science is one of the stream that systemizes, builds and organizes knowledge. I choose science because I always had great interest in studying science and I always had great curiosity in knowing new things and questioning to build my knowledge. So I am persuing Bsc. in Microbiology and I am loving my subject.

2. What strategy do you follow for your study?

⇒ I always keep my notes and stuff organised and ready. I keep my notes updated and go through them everyday. I always make sure to get most of small things I get. Punctuality and systematic work can solve any problem, Impact it maintain the pace of study. Lastly Hard work is the main goal. One should do their best and leave the rest on your destiny.

3. What is your career goal?

My career goal is to gain more and more knowledge from every single person I meet. As I am persuing Bsc in microbiology, I will then step ahead for Msc. in Microbiology and then I want to join survey related studies and research work. I also dream of maintaining my studies with social work so as to satisfy myself by helping others through my work.

4. What is your expectation from this worksop?

I have great expectations from this workshop in increasing my knowledge and making my goals more clear.
I also have expectations that I will learn new ways and a better vision to see and achieve my goals.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated in my choice of choosing STEM as my carrier. The vast options and different combinations in the STEM field made me more enthusiastic. And I feel motivated by the speech and knowledge shared by the eminant scientists.

2. Do you feel that you have a better strategy for your study?

Yes, definitely! I learned alot from this workshop. The proffesors made us understand the value of perfect strategy for our studies. The main thing one should have is selecting mentor who would guide us and focus matters alot. in every student's life. One should always be confident and engage time seperately so as to make us think what we are doing is worth or not.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have better understanding and I can say I stand more focused towards my goal. I can see now see my goals in a different way, and also have better ide to achieve my goals.

4. Do you feel that this workshop has been useful?

Yes, absolutely. This workshop actually made a change. It made my doubts clear and added many new things to my knowledge. This workshop helped me out in focusing and also encouraged me to hold 2 and stick to my dreams.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Lubna Danish, Subject: Microbiology (BSc), Student/Teacher/Alumni

Institution/Company Maulana Azad College, Address: 8 Rafi Ahmed Kidwai Road, Kol-13

1. What motivated you to choose STEM subject?

My first ~~most~~ motivation was the love I had for Science, particularly Biological Science. Second, I find Science so interesting and innovative. Science in simple terms is logic and nothing in this tiny world or beyond can be understood without logic. From the ants collecting ~~f~~ food for winter to the Satellites being launched in Space, everything has Science. Science is within me, every microscopic cell of my body is scientific. When Science is so beautiful, how could I have not chosen it!

2. What strategy do you follow for your study?

I usually follow a very organized schedule for my studies. I study 3-4 hours in the morning and then again after returning from college I study for 2-3 hours. I usually try to understanding everything and not just memorize it. I often write and learn, it helps me remember better.

3. What is your career goal?

Currently I am pursuing a BSc degree in Microbiology. After that I plan to do MSc and Ph.D. I want to do my further studies abroad. Fortunately Microbiology offers a wide variety of Career choices. Since Microbiology has both biochemistry and Microbiology, I want To pursue Microbiology.

4. What is your expectation from this worksop?

Since this workshop is about Women and their career and Science. I expect to learn a lot. By lot I mean in confidence, problem solving skills, communication skills. I am lucky to be in such a prestigious place surrounded by extraordinary hardworking ~~perso~~ scientists, I'm sure to learn a lot. I'm really excited about the coming 2-3 hours.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes certainly I feel more motivated. I got to understand the importance of STEM studies for women. Women are an important half of the society, no ~~one~~ women can prosper without any knowledge of STEM related fields. Dr Nahar, Dr Karen and Dr A. Prasthan were really very helpful and cooperative. Throughout the 2 day workshop they motivated and gave us new ideas, and precisely a new approach to handling our problems related to STEM.

2. Do you feel that you have a better strategy for your study?

Yes I have a better strategy now. I got to know that for further studies marks are not sufficient. I to also have to do some research work with which will increase my confidence, experience and knowledge. Moreover it will create a distinction in my ~~Resume~~ Resume. I even got to learn the difference between Resume and CV, and how a powerful Resume can help me being selected. I got to learn that I have got to choose ~~one~~ my subject and do detailed study.

3. Do you have a better understanding on how to achieve your career goal?

Yes sure, I have a much better understanding of achieving my career goal. I had very little knowledge of admission into US Universities. But after this workshop my concept is very cleared. Now I know the guidelines and process which I need to follow to study abroad and achieve my goal.

4. Do you feel that this workshop has been useful?

Without a doubt I will say that this workshop was one of the ~~the~~ best workshop which I attended. It was definitely prestigious being surrounded by such eminent Scientists who taught us many new concepts. I got to learn so many things like the importance of STEM in a women's life. The way of getting admitted into a good university in US. One of the most important thing I learned was that I need to be confident and believe in myself to achieve anything I wanted. I would conclude by saying that this workshop was amazing!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Farheen Khan, Subject: B.Sc Microbiology Student/Teacher/Alumni

Institution/Company Maulana Azad College, Address: 8, Rafi Ahmed Kidwai road Kol-13

1. What motivated you to choose STEM subject?

The main motive of choosing stem subject is that I want to do some research base work, according to me it would be more intresting and it can open these windows of my career. I want to do something new and intresting that's why i am choosing STEM subject and I know oneday it wolllld be fruitfull for me.

2. What strategy do you follow for your study?

I read books and follow my class notes and sometimes I like to do e-learning. I think books are the best among all things and I love to learning from different books. Sometimes I read 2-3 books for only one topic.

3. What is your career goal?

Currently, i am perseuing a B.Sc degree in micro biology after that I would like to go for M.Sc and Phd also. As I mentione above that i would like to do some research work and it is my career goal.

4. What is your expectation from this worksop?

That, I could collect the knowledge about my stream which I have choosen and what I can do instead of this.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated. Here we know the power of STEM subjects which was known to us very well before. Feeling so proud that today I am study in STEM feilds. I choose STEM subject randomly but after the workshop I got to know actually what should I ~~have~~ do in future.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have a better strategy for my study. After spending Two days with such great people they are full of knowledge and positive things now I also have my career option and I am dying to study in United state for my higher studie

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a better understanding on how to achieve my career goal. For achieving something I should believe in myself and have confident as nasreen ma'm told us. I think this is ~~my~~ the best part of my life that I am attending this workshop.

4. Do you feel that this workshop has been useful?

Yes I feel that this workshop has been useful. My expectation from this workshop was to collect knowledge about STEM and that I collected from this workshop successfully. I am feeling very enthusiastic after attending this wonderfull workshop. It was most memorable and interes -ting too. I wish that I could apply these things which is explained by the great person in my life and achieve something in my life.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 03., Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: FATMA FIRDAUS, Subject: H.S. science, Student/Teacher/Alumni

Institution/Company ANJUMAN GIRLS' HIGH SCHOOL., Address: 16, MUFIDUL ISLAM LANE. KOLKATA - 700014.

1. What motivated you to choose STEM subject?

To explore my further studies and very much clear about with my ideas.

2. What strategy do you follow for your study?

I follows a systematic routine, make a target and put my 100% to complete it.

3. What is your carcer goal?

To be a doctor, study and do MBBS, MD, a gynecologist and I want to job in abroad. and want to do welfare for the society. After my MD I want to do IAS.

4. What is your expectation from this worksop? To learn more about the career options from this eminent scientists.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel very much motivated. I am very very Grateful to Allah that He gave me this opportunity & also I am grateful to the our eminent scientists. I got very much clear idea about by choice through STEM field.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that, I got a better strategy to proceed my studies in USA. especially my MD from US; ~~yet~~ I had some doubts, but I will surely clear it as by still linked with the group and the scientists..

3. Do you have a better understanding on how to achieve your career goal?

Yes, I learned about all the resources available that can help me to accomplish my dreams. I have a planed out a strategy & working on it to.

4. Do you feel that this workshop has been useful?

Yeah, I fell so. This workshop is really very much useful for me. This clear my way to achieve my goal. I wish that ~~I can~~ in future I ~~could~~ shall work under these scientists. And I very much thankful to all the three scientist, you all are just awsome. I have no words that I can express, my feelings for you all. You are just my admirers or my inspirations. In future I will become like you ~~all~~ people.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: DURRE FATMA, Subject: MICROBIOLOGY, Student/Teacher/Alumni

Institution/Company SURENDRANATH COLLEGE, Address: 24, MG ROAD KOLKATA - 09

1. What motivated you to choose STEM subject?

I believe I took up STEM subject on being inspired by my cousins and relatives in the family. Their love and passion towards their respective fields in Medicine and IT sector made me believe ~~that~~ since childhood that taking up these subjects would actually ~~be~~ ~~from~~. ~~take~~ land me up in a good place with an interesting career.

2. What strategy do you follow for your study?

~~At~~ ~~Firstly~~ ~~I~~ ~~read~~ ~~thoroughly~~ ~~read~~ ~~me~~
I dedicate an hour or two specifically to each subject a day; and try my level best to ~~co~~ keep up with the ~~pace~~ course ~~g~~ being taught at my institution

3. What is your career goal?

After completing my bachelor's degree from Microbiology, I want to ~~pursue~~ ~~exp~~ pursue my career in IT department and therefore I plan to go for a Masters degree in Information Technology and hence I've already

4. What is your expectation from this worksop?

To get a vivid idea of the various career options ~~from~~ in these subjects apart from ones I've opted for, ~~so~~ ~~that~~

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

After attending this WSR Workshop, I've got to know the STEM subject in a totally new and different way. This has created a ~~spark~~ ~~awak~~ a new interest in me regarding the various other career options in this field. Now, I totally ~~took~~ have a keen interest in exploring this subject more and more.

2. Do you feel that you have a better strategy for your study?

After attending this workshop and meeting ~~such~~ such learned ~~wise~~ people from different streams of STEM, I do have a better and clear idea of the different methodologies that I could apply for the betterment of my studies.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I am now quite focused and have got to known ~~my~~ ~~weak points and~~ the areas of my weakness which ~~could~~ might have become a barrier in ~~my~~ pursuing my higher education.

4. Do you feel that this workshop has been useful?

It was actually an overwhelming experience, attending this WSR Workshop. Meeting such eminent scientists and getting to know their experience and vast ideas about the different career options in STEM field was really interesting.
Looking forward to more such workshops!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Nayab Tabassum, Subject: ~~Microbiology~~, Student/Teacher/Alumni

Institution/Company Surendranath, Address: Sealdah

1. What motivated you to choose STEM subject?

Science was my favourite subject since class 7 I always want to be doctor or somebody who research on something later. As now I am microbiology student

2. What strategy do you follow for your study?

~~Currently is being to~~ Hardworking now and relig later.

3. What is your career goal?

Currently is actually be happy. Because stress & pressure of completing graduation and get a job. either pursue further study abroad

4. What is your expectation from this worksop?

To learn more about STEM.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, As I got to know today lot more about STEM the field I can explore largely. Past, I feel its only about getting degree and get a job. But now am highly motivated and happy. being a science student

2. Do you feel that you have a better strategy for your study?

Surely, Yes. Studying science in kolkata where our colleges dont provide us lot more to explore in it. By knowing more about STEM to day in workshop, I can say its our ability to find a way and do. I learned companies, project and the pathway in STEM globally which is a huge help.

3. Do you have a better understanding on how to achieve your career goal?

Yes, Do what you love and surely you will succeed. Clear objective and aim of why a woman is science can achieve and prove that we are not less than any body and help our country.

4. Do you feel that this workshop has been useful?

Very useful, learning from leader itself is big opportunity. Sultana Nahar Mam, Dr, Anil Pradhan Sir and Karen Irving Mam where such a great teacher, who introduced us STEM^2 that we don't even know about lot. Thank you, Sir and Mam

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Saswati Ghosh, Subject: Zoology, Student/Teacher/Alumni

Institution/Company Jogamaya Devi college, Address: HAZRA

1. What motivated you to choose STEM subject?

→ 1) First of all, I love this STEM FIELD.

2) Pursuing a STEM will allow anyone a wide variety of future opportunities after graduation.

3) Flexibility present here, there are many different areas of specialization within any STEM subject. Beside that STEM careers are among the highest in initial compensation for recent graduates

4) In STEM, we have job opportunities as well as self satisfaction.

2. What strategy do you follow for your study?

→ I always follow step by stem process. when I studied 11-12th class, I only thought about this two year only. Now, I am a B.Sc. 3rd year student, and I just thought about to complete my graduation properly.

3. What is your career goal?

→ I want to be a scientist. I want to teach poor students who have not enough money to read in universities, higher studies. I want to teach many a students, and want to spread Indian culture in the world.

4. What is your expectation from this worksop?

→ I think, from this workshop, I can get a wayout to fulfil ~~realize~~ my dream. And my dream to meet the great personalities as well.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

→ yes, I feel very much motivated in my choice of study in STEM fields. Here, we all come to know about how can one person go and study in USA and make a better future and as well as help other ~~of~~ students of my nation.

2. Do you feel that you have a better strategy for your study?

→ I think so, In this workshop, ~~the~~ The great personality (Sir, ma'ams) told us about many new strategy for my study rather our study. Here, In each step of study, we can use more than one strategy. Use of multiple strategy is a great idea, for our betterment.

3. Do you have a better understanding on how to achieve your career goal?

→ yes, I got a better understanding on how to achieve my career goal. ~~In~~ Here, I know about the process of application, scholarship and many a thing, that will help my to achieve my career goal and also ~~my~~ dream to study in USA.

4. Do you feel that this workshop has been useful?

→ This workshop is very much useful, it help us in different ways. Here, the admission process, ~~scholarship~~ scholarship that we can get, all of such ~~typ~~ topic is discussed and that help us in future.

* Chem

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 1, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata,) Kurnool, Patna

Name: Eashal Khan, Subject: Science, Student/Teacher/Alumni

Institution/Company La Martiniere for Girls Address: 52 B Shakespeare Sarani, Sukh Sadan Kol-17

1. What motivated you to choose STEM subject?

All the STEM subjects in my school are compulsory to study till class X. In class IX, we have ~~to~~ to take science if our overall aggregate is above 40% but we have to take commerce if it is below 40%. I will get science when I go to class IX in a few months.

2. What strategy do you follow for your study?

In some parts of science like Biology, I understand and then learn. In Physics, I understand all the definitions and mug-up all the theory.
In Chemistry, I mug-up everything, valency, formulae, equations, definitions — everything.

3. What is your career goal?

My career goal is to become a [redacted] doctor.

4. What is your expectation from this worksop?

To motivate me to take up Maths or Science in the Future.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. I do. I really loved Astronomy. It was very informative and interesting. One of my favourite topics.

2. Do you feel that you have a better strategy for your study?

~~Yes~~. Maybe.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I learnt a lot of new steps to achive my career goal.

4. Do you feel that this workshop has been useful?

Very useful. This workshop has been an inspiration and a motivation.

* USA study
* Physiology

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Efat Jamal, Subject: Physiology, Student/Teacher/Alumni

Institution/Company Surendranath College Address: 46/1/H/12, Gora Chand Road Kol-700014

1. What motivated you to choose STEM subject?

Ans:- ~~Motivation~~ Reason behind my choosing of STEM subject I ha I want to know more and more about STEM. My thoughts were motivate me.

2. What strategy do you follow for your study?

Ans:- I follow strategy for my study to learn about 3-hours in a day.

3. What is your career goal?

Ans:- My career goal is to become a professor of Physiology department, so I teach Peoples about Physiology.

4. What is your expectation from this worksop?

Ans:- I expect from this workshop that it will be easy for me to study in abroad, they will support me a encourage me.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Ans: yes, I become more motivated to choice of study in STEM field, because when I attend this workshop, I really inspired that we indians are become more educated if we join The Ohio State University and they support for our higher Education.

2. Do you feel that you have a better strategy for your study?

Ans:- yes, I feel that I have better Stradegy that we all have 24 hours in a day so we have to study in that hours, because we all says we have no time to study, I know about this to attend this workshop.

3. Do you have a better understanding on how to achieve your career goal?

Ans:- yes, I have better Under Standing, before attending this workshop I have no broad idea about my career goal. but they were told about in detail for our career goals, how to achieve, so I think I gain knowledge from them which I never have -

4. Do you feel that this workshop has been useful?

Ans:- yes, It has been useful for all the science Studen because many Students have ambition to study in USA but they can't, because they have no idea, but this workship has ~~to~~ knows me to how to ~~the~~ study in USA. They help Os in every way.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Mansha Muskan., Subject: Science, Student/Teacher/Alumni

Institution/Company MD. Jain highschool Address: _____

1. What motivated you to choose STEM subject?

My School teacher said to me to attained the Stem program. which is help full for us in future. My parents Suggested me that is good foryou.

2. What strategy do you follow for your study?

Self Study is the best strategy.

3. What is your career goal?

To become a doctor

4. What is your expectation from this worksop?

My expectation from this work to help me clear the vision which regard to me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes I feel more motivated in my choice of study in STEM field to study best in science field.

2. Do you feel that you have a better strategy for your study?

yes I feel a better strategy for my study starts with I loves reading in my way and also focus in my aim.

3. Do you have a better understanding on how to achieve your career goal?

Yes I do have a better understanding on how to achieve my career goal. First of all don't shy anywhere and don't nervous in that moment in which you close to your dream.

4. Do you feel that this workshop has been useful?

yes ofcourse I felt that this workshop has been useful.

*STEAM
*chem

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: KHADIJA BEGAM., Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company ALIAH UNIVERSITY, Address: NEW TOWN, KOLKATA - 700156

1. What motivated you to choose STEM subject?

I like science subject when I complete my 10th class. So, I choose chemistry subject. In chemistry subject there is many more reaction, colourfull sample. lab classes. So, I decide my Msc. masters degree complete in chemistry.

2. What strategy do you follow for your study?

I don't have any specific strategy. in my I just attend my class and then I read my subject very ~~carefully~~. I try my best and 100% attendance

3. What is your career goal?

I want to be an artist, but also I like reading. I ~~decide~~ want to apply for WBCS after completing masters in chemistry.

4. What is your expectation from this worksop?

There is a lot of expectation. I can gain many knowledge from STEAM workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, I feel more motivativated and inspired after attend this workshop. After attending this workshop I clearly understand what what is STEM ?. So, I feel very thankfull to STEM. Now I can understand that what I should I do.

2. Do you feel that you have a better strategy for your study?

yes, I feel that I have a better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

yes, I have a better understanding on how to achieve my carreer goal. Now, I should follow the method to success my carreer.

4. Do you feel that this workshop has been useful?

yes, of course. This workshop has been usefull for me. I am really very thankfull to give me this opportunity. I can gain many experience from this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: JINNAT BINA BHARATI, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company ALIAH UNIVERSITY, Address: NEWTOWN, KOLKATA-700156

1. What motivated you to choose STEM subject?

I like these kind of subject. I am interested to know the so many matter of science and Technology. If I know this kind of subject very well I can help our service in different fields and for this our social system will upgrading.

2. What strategy do you follow for your study?

I can not follow a particular strategy for my study. From 24 hours of a day I can try to utilise the time in many work which help me very well.

3. What is your career goal?

I want to be a civil servent. Now I am in BSc Chemistry 3rd year after complete my graduation, I will prepare for this exam.

4. What is your expectation from this worksop?

From this kind of workshop I can gain a lot of knowledge about STEM and I can gather knowledge about the opportunity, facility of the subject/item where I can will go through so many fields in future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I ~~felt~~ feel more motivated in my choice of study in STEM fields. Attending this workshop ~~we~~ I know about the opportunity and facility of the STEM field. Where I can go there in future.

2. Do you feel that you have a better strategy for your study?

I feel that I have a better strategy for my study. I learn how to follow a good strategy thatswhy I can improve my study which help me ~~for~~ too much.

3. Do you have a better understanding on how to achieve your career goal?

Yes I have a better understanding on how to achive my career goal. ~~How~~ I should follow a ~~particular~~ proper method to succeed in my career. thatswhy I can develop ~~which subject~~ ~~my~~ our society go through my carrer.

4. Do you feel that this workshop has been useful?

Yes this workshop has been very useful. I feel more motivated on my study. I am interested on my study more and more. I study with ~~my~~ full of concentration from before.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ambia Nasreen, Subject: _____, Student/Teacher/Alumni

Institution/Company School (co-ed) H.S, Address: 83E/1B/H/16 Belgachia road Kol-

1. What motivated you to choose STEM subject?

Ans: My stem subject is Science and i want to be an engineere. because in Science field there is ascope.

2. What strategy do you follow for your study?

Ans: In 2hour every day i study in our home. I would like to learn Science and math and my teachers, parents are also support me to study. I wants to do my dreams become ture.

3. What is your carcer goal?

Ans: I after choose the science. I want ~~would~~ to be a engineere. I want to proved that girl are ~~not~~ attentive in every fields.

4. What is your expectation from this worksop?

Ans: I expect from this work shop that in fature I wanted to choose the science subject this work shop given me for good oppurtunity ~~form~~ in sciencee field. Learn about STEM subject.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Ans: yes, I feel more motivated in my choice of study in STEM Fields. ~~Because in science field then~~ Now i also to Study mathematic.

2. Do you feel that you have a better strategy for your study?

Ans: yes, I feel that you have a better strategy for my study. 8 hour is very short time to a better career I do more hard work to a better career.

3. Do you have a better understanding on how to achieve your career goal?

Ans: yes, i have a better understanding on how to achieve ~~my~~ career goal.

4. Do you feel that this workshop has been useful?

Ans: yes, this workshop has been useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: RAHENA AFROJ, Subject: PHYSICF, Student/Teacher/Alumni

Institution/Company ALIAH UNIVERSITY Address: NEWTOWN, KOLKATA-700156

1. What motivated you to choose STEM subject?

Everything in science was amagine in the 10th level. and I ~~thingh~~ want to know this very well. Physics is ~~ta~~ the low of nature and I want to know the nature's law. In science their is a cause, which happens in nature.

2. What strategy do you follow for your study?

Like everyone I can not follow in rutine for ~~study~~ my study ~~when~~ I study any a time. ~~in the~~ At first I ~~w~~ understand what tell the books ~~and~~ about a perticular topics and then I capture it. I try to gives my 100% when I read about a perticular topics.

3. What is your career goal?

I want to be a professor and distribute my knowledge for the student and also help the poor student whose have not enough financial ~~sapper~~ suport. I want somethingh for the muslim girls.

4. What is your expectation from this worksop?

From this kind of workshop I can gain a lot of knowledge about STEM. I can gather knowledge from the workshop about STEM in future. I join the workshop for the exprience.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I fell more motivation from the speech of the scientist I study physics and I want to reach my goal in physics.

2. Do you feel that you have a better strategy for your study?

Yes, I think I study 4-6 hours in a day and concentrate on my study. I should not concentrate in the minor problems which are going on around me and forward.

3. Do you have a better understanding on how to achieve your career goal?

Yes. ~~The work~~ From the workshop ~~is~~ I learned that I should do smart and hard work for ~~my~~ achiving my goal. From this workshop I learned that everything is possible if I want to do it. But nothing is possible if I can not take any risk in life.

4. Do you feel that this workshop has been useful?

This is the first workshop in my life and from this workshop I gained many exprience I think which is very usefull in my future life. From this workshop I learned how to write a CV or resume.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 04, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Saleha Khatoon, Subject: _____, Student/Teacher/Alumni

Institution/Company Belgachia urdu high School Address: 13, Sadhana Aushadhalya Road Kol-48

1. What motivated you to choose STEM subject?

~~My~~ I STEM ~~Subject~~ ~~is~~ choose Science. Because I want to be in the Science field there is a Scope in this field.

2. What strategy do you follow for your study?

Everyday 2 an hour I try to ~~read~~ Study.

3. What is your career goal?

I choose the Science, I ~~wanted~~ to be a Engeneer.

4. What is your expectation from this worksop?

we ~~w~~. I ~~expectation~~ expect from the work shop that in future I wanted to choose Science Subject this work shop.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes,

2. Do you feel that you have a better strategy for your study?

yes, I feel that you have a better Strategy Study: Because this workshop given new Ideas.

3. Do you have a better understanding on how to achieve your career goal?

yes, I have a better understand on how achive my Career goal.

4. Do you feel that this workshop has been useful?

yes, this workshop has been useful.

#Engineering

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Insha Iqbal, Subject: _____, Student/Teacher/Alumni

Institution/Company Belgachia Urdu high school, Address: 83K/H/2, Belgachia KOL-37

1. What motivated you to choose STEM subject?

My fave STEM subject is science and I want to be an engineer because in science field there is a scope.

2. What strategy do you follow for your study?

Every day 2 hours I study in my house. I would like to learn Science and Mathematics. My parents and my teachers are also supported me to study.

3. What is your career goal?

I After choose the science, I wanted to be an engineer. I because I want to prove that the girls are also attentive in every field. I wants to my dreams becomes true.

4. What is your expectation from this worksop?

I expect from this workshop that in future I wanted to choose the science subject this workshop given me a good oppuntunity in science field.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yeah, I feel motivated. I aim to became a software engineer, because the world is advancing in technology with each day and there is thus a basic requirements of more technocrats. I aim at keeping pace with this technology and contribute towards self development as well as industrials.

2. Do you feel that you have a better strategy for your study?

I think more improvement is needed in my strategy.

3. Do you have a better understanding on how to achieve your career goal?

I have an idea about the path, how to reach my goals. I have to work hard ~~and~~ for that I will try my best.

4. Do you feel that this workshop has been useful?

Ofcourse it was useful. It enhanced our insight to the world of ~~sight~~ science and technology. we came to know about the vista of ~~oppoo~~ opportunities and trainings from here.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 04, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Roshni Farhin, Subject: ✓, Student/Teacher/Alumni

Institution/Company Belgachia urdu high School Address: 76, Dakshin Dari Road Kol- 48.

1. What motivated you to choose STEM subject?

I wanted to choose science because in the Science field there is a Scope in this field.

2. What strategy do you follow for your study?

Everyday ~~I read~~ 2- $2\frac{1}{2}$ an hour I try to ~~read~~ study

3. What is your career goal?

& After Choose the Science, I wanted to be a Doctor.

4. What is your expectation from this worksop?

I expect from this workshop that in future I ~~wanted to~~ Choose the Science Subject this ~~work~~ workshop giving me a better opportunity in the Science field to do Something for my Community.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes.

2. Do you feel that you have a better strategy for your study?

yes, I feel that I have a better strategy for my study because this workshop giving me new ideas for my study.

3. Do you have a better understanding on how to achieve your career goal?

yes. I have a better understanding on how to achieve my career goal.

4. Do you feel that this workshop has been useful?

yes, This workshop is really useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Mobashirea Shams, Subject: _____, Student/Teacher/Alumni

Institution/Company Belgachia Urdu High School, Address: 83E/1J Belgachia Road Kol-37

1. What motivated you to choose STEM subject?

My ~~Our~~ stem subject is Science and ~~oi~~ want to be an engineere. Because in Science field there is a scope.

2. What strategy do you follow for your study?

In 2hour every day i study in our home. I would like to learn science and Math. My parents and teachers are also support me to study.

3. What is your career goal?

After I choose the science. I would to be a engineere. I want to Proved that the muslim girls are also ~~not~~ attentive in every fields. I want's to do my dreams become true.

4. What is your expectation from this worksop?

I expect from this worksop that in future I wanted to choose the science subject this worksop given me a good opptunity in Science field.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, i feel more motivated in my choice of study in STEM fields. Now i also to studying Technology in my life

2. Do you feel that you have a better strategy for your study?

Yes, i feel that have a bettere strategy for my study. 2hour is very short time and i do need have work to a bettere careeere.

3. Do you have a better understanding on how to achieve your career goal?

Yes, ai have a bettere underestanding on how to achieve my careeere goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very useffull.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SAJDA Parveen, Subject: Science Student ✓, Student/Teacher/Alumni

Institution/Company student, Address: 48 H/2 Zakaria Street

1. What motivated you to choose STEM subject?

Because my teacher has told me to join it

2. What strategy do you follow for your study?

Study for 2 hours.

3. What is your career goal?

To become a doctor.

4. What is your expectation from this worksop?

Help me in my Studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I do feel more motivated to study in Science field.

2. Do you feel that you have a better strategy for your study?

Yes I do feel that I have more strategy for studying like 2 hour of study everyday. and hard working and focous on my goal.

3. Do you have a better understanding on how to achieve your career goal?

Yes I do have better understanding on how to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes I do feel that this workshop has been more successful for me because it has motivated me and told that focous on your dream and neglect the negative thoughts.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NASIMA SULTANA, Subject: PHYSICS, Student/Teacher/Alumni

Institution/Company ALIAH UNIVERSITY, Address: NEWTOWN, ACTION AREA - II/27

1. What motivated you to choose STEM subject?

Actually it is a work shop for the women ~~of~~ from science streams. So, I didn't want to miss the opportunity to attend this work shop.

2. What strategy do you follow for your study?

Hard working is the only key of success there is no shortcut.

3. What is your career goal?

I want to be a ~~lecturer~~ teacher as well as a good person.

4. What is your expectation from this worksop?

My expectation that I will definitely learn something that will help me in future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

-y Yes; I feel more motivated on my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Working hard is definitely the way of success but we definitely need a proper guide.

3. Do you have a better understanding on how to achieve your career goal?

-y yeah, this workshop is a great experience ~~for me~~ and I really glad to have this. I learnt many things which was unknown to me and it'll definitely help me for my career.

4. Do you feel that this workshop has been useful?

Yeah, ~~it is~~ this workshop has been very useful. It's a great experience.

M.Sc
*PhD in chem
* singing

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MEHNAZ PARHIN, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company ALIAH UNIVERSITY STUDENT, Address: NEW TOWN, KOLKATA - 700156.

1. What motivated you to choose STEM subject?

All the perspectives and aim of this institution has driven me in choosing STEM. Our local expert Hadiha Ahmed Ha'am came to our college and explained all its objectives and uses along with its importance outside our country. So this new initiative, especially for the minority girls has given me a zeal and a new will to pursue STEM.

2. What strategy do you follow for your study?

I don't follow any specific strategy because I'm a person who can't keep any strategies or resolutions. So I try to study as much time as possible for my own health and I try to give my best and 100% attention on the duration of my study hours.

3. What is your career goal?

Actually my one and only passion in life is singing and I want to be a singer but in my high school I loved chemistry a lot. So from that love I'm continuing ~~in~~ pursuing honors and I want to pursue research and maybe in the near future a doctorate degree in Chemistry.

4. What is your expectation from this worksop?

~~some higher~~ There are a lot of expectations. First and foremost is that through STEM I would like to connect myself to the international opportunities that it is providing like pursuing higher studies from outside and have my dreams come true.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated and inspired after this two-day long workshop. The experience that I gained was far more valuable and enriching than what I learnt from our regular classes in college. I will definitely try my level best to strive towards my goal so that I can become more enriched in my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes ofcourse. Now as I have been motivated by some eminent delegates, I feel very much inspired and now the zest to study and work hard towards my goal has increased. The strategy is also now planned out and inshallah I hope I can achive all my dreams.

3. Do you have a better understanding on how to achieve your career goal?

Yes. The workshops especially the lectures and presentations given by Dr Anil Pradhan and Ms. Sultana Ma'am has motivated me a lot. So they gave a clearcut evidence of a bright future and so now I have a much better understanding on how to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes it has been very useful to me and I want to thank our local expert Nadiha Ma'am for giving us this golden "once-in-a-lifetime" kind of opportunity to us.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SAMIMA SULTANA, Subject: PHYSICS, Student/Teacher/Alumni

Institution/Company ALIAH UNIVERSITY, Address: NEWTOWN, ACTION AREA-II/27

1. What motivated you to choose STEM subject?

I never have to opportunity to attain workshop before that. I am very interested to do workshop. This work shop is all about science and only for women so I choose this.

2. What strategy do you follow for your study?

Hardworking is the key of success.

3. What is your career goal?

I want to be a teacher. But at first I want to be good person.

4. What is your expectation from this worksop?

My expectation from this worksop that I will learn something new from this and I hope my life will be more creative.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in ~~yo~~ my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes I feel that I have a better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes I have a better understanding to achieve ~~on h~~ my career goal.

4. Do you feel that this workshop has been useful?

Yes, I feel that this workshop has been useful.

* India study
* MTech & PhD

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AFREEN BANO, Subject: Student, Student/Teacher/Alumni

Institution/Company _____, Address: 85, Rafi Ahmed Kidwai Road
Kolkata - 700013

1. What motivated you to choose STEM subject?

The vast dimension to be explored

2. What strategy do you follow for your study?

Regular college lectures, weekend coaching for GATE Examination, online courses, video lectures.

3. What is your career goal?

M.tech from IISc Bangalore and Phd.

4. What is your expectation from this worksop?

Learn about STEM subjects

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   Yes

2. Do you feel that you have a better strategy for your study?

   Yes

3. Do you have a better understanding on how to achieve your career goal?

   Yes

4. Do you feel that this workshop has been useful?

   Definitely Yes.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Farhat Bano, Subject: Teacher, Student/Teacher/Alumni

Institution/Company B.D.H.School (Co-Ed) H.S, Address: Belgachia

1. What motivated you to choose STEM subject?

STEM (Science, Technology, Engineering, & Technology) encourage and support femal. This motivated me to choose STEM subject.

2. What strategy do you follow for your study?

I am school teacher of L.Sc. Before going to class room I prepared myself fully about the chapters. I prepared lesson plan.

3. What is your career goal?

I want to do M.Sc and Ph.D.

4. What is your expectation from this worksop?

My expectation from this workshop is very high. For my opinion this workshop show me the path to do something for female myself.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes,

2. Do you feel that you have a better strategy for your study?

I have to improve my strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes,

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 4, Location (circle): Aligarh, Delhi, Hyderabad, (Kolkata) Kurnool, Patna

Name: Sazia khatoon, Subject: Science, Student/Teacher/Alumni

Institution/Company Studeat, Address: 4, Bed Jord lane Kol-16

1. What motivated you to choose STEM subject?

The technoledgy thinking motivated to choose STEM subject. and man told to go there. and in my Environment told me to go STEM. and gave some knowledge.

2. What strategy do you follow for your study?

Cleaon and simpley and Poofallsionaly strategy to do hard work to more knowledge.

3. What is your career goal?

my Careeer goal is Engineering. and some technoledgy work which is change life and every one see how much beautiful our Earth.

4. What is your expectation from this worksop?

To cleare the g and get some strategy to do follow for us study.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I. do feel more motivated of study in Technolodgy and engimeering. and also by STEM Workshop motivated to me because its told me that every one are equal to do go USA and study there.

2. Do you feel that you have a better strategy for your study?

Yes because I'll. Studing every day in 6hrs. and I will try my best. and I know its not enough to do study than I think my strategy is not better but its not so, bad because my Confident and my aim is very clear.

3. Do you have a better understanding on how to achieve your career goal?

Yes I have a better understanding on how to achive my Carees goal but I need best teacher to do better study but I go in STEM than I think best Teacher is important but I clear my Carees goal and do self study. it is important to achive Carees goal.

4. Do you feel that this workshop has been useful?

Yes its improve our skill, self Confident and this Wookshop remambers you should go to do study in USA and its told them every one are equal in World.

* USA study
* Physiology

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 04, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Raheequa Saadia, Subject: Physiology, Student/Teacher/Alumni

Institution/Company Surendranath college, Address: 15, Lint on Street Kol-14

1. What motivated you to choose STEM subject?

Ans:- Motivation behind my choosing STEM Subject that I want to more information about STEM Subject.

2. What strategy do you follow for your study?

Ans:- I follow for my Study to learn about 3 hours a day.

3. What is your career goal?

Ans:- My careers goal becomes a Professor of Physiology department.

4. What is your expectation from this worksop?

Ans:- My Expectation from this workshop is help us and Support to abroad Study.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Ans:- yes I feel become more motivated in my choice of study in STEM field because I attend the workshop So, I am very inspired this workshop survey, ~~to~~

2. Do you feel that you have a better strategy for your study?

Ans:- yes I feel that I have a better Strategy for my study because 24 hours a day and So we have study in three hours in a day.

3. Do you have a better understanding on how to achieve your career goal?

Ans:- yes I have a better understanding on how to achieve my career goal, because they were told about career goal and I get ~~gain~~ knowledge. ~~for me~~. from them.

4. Do you feel that this workshop has been useful?

Ans:- yes I feel that this workshop has been useful for my abroad study ~~and~~, because many student have aimbition to study in USA but they can't.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Nasima Khatun, Subject: Physics, Student/Teacher/Alumni

Institution/Company Aliah University, Address: Newtown, Action Area IIA/27

1. What motivated you to choose STEM subject?

⇒ I am interested to do workshop/seminar but I never have opportunity to do workshop before that. It's all about science and for women only, that's why I am very excited to come in STEM workshop.

2. What strategy do you follow for your study?

⇒ More hard working is the key of success. And I follow it.

3. What is your career goal?

⇒ I want to be a succesful women at every way of my life. As a Job I want to be a teacher. and a good person.

4. What is your expectation from this worksop?

⇒ I expect from this workshop that I will learn such unknown things about Science and such creative things.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

⇒ Yes I feel more motivated in your choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

⇒ Yes, I feel that I have a better strategy for my study

3. Do you have a better understanding on how to achieve your career goal?

⇒ Yes, I have a better understanding on how to achieve my career goal.

4. Do you feel that this workshop has been useful?

⇒ Yes, I feel that this workshop has been useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AQSA REZA, Subject: MATHEMATICS Student/Teacher/Alumni

Institution/Company MAULANA AZAD COLLEGE Address: 29 CANTOPHER LANE KOL-700014

1. What motivated you to choose STEM subject?

Firstly Madiha Mam, really motivated us to come here and the topic of the STEM which is all about women.

2. What strategy do you follow for your study?

Strategies are like studying things deeply and with full concentration.

3. What is your career goal?

I want to be an IAS officer and do my best in mathematics.

4. What is your expectation from this worksop?

Learn and have an enriching experience.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel very motivated in my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have better strategy for my study. As this workshop shows me the path how to go about. I taught me about how to do research work.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a better understanding on how to achieve my career goals because this workshop has really helped me showcase my goals.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been quite useful. It has really helped me interact and speak up.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Agnesh Afrida Khatun, Subject: B.tech in Civil Engineering, Student/Teacher/Alumni

Institution/Company Alich University, Address: Newtown, Action Area IIA/27

1. What motivated you to choose STEM subject?

It is my first workshop in my whole life. I am influced by it for it is all about women.

2. What strategy do you follow for your study?

More Hard working, More Marks and More Success.

3. What is your career goal?

To be a Successfull in every Situation. And to be proud my Parents.

4. What is your expectation from this worksop?

I hope inshallah, My life is more than creativefull after this Workshop. And I gain Knowledge from this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   Yes, I feel more motivated in my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

   Yes, I am Confidence and I better feel that I have a better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

   Yes, I have a better understanding on how to achive my career goal.

4. Do you feel that this workshop has been useful?

   yes, I feel that this workshop has been useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: A ROTULIA BISWAS, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company Aliah University, Address: Newtown

1. What motivated you to choose STEM subject?

I love chemistry. It has various importance in our daily life. Every thing we do, need chemistry.

2. What strategy do you follow for your study?

I like to attend every lecture.

3. What is your career goal?

I want to be a professor.

4. What is your expectation from this worksop?

To find out better career option.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

→ Yes, I am motivated in my choice of study in STEM field, As I get to know more about the STEM field. The honourable scientist motivates us the most. Their work, knowledge, experience ~~ever~~ ~~their~~ speech, every thing motivates ~~us~~ me.

2. Do you feel that you have a better strategy for your study?

→ Yes, I have a better strategy for my study. That I have to do more hard work, to reach that goal of mine. I have to participate in various side courses to enrich me.

3. Do you have a better understanding on how to achieve your career goal?

→ Yes. I have a better understanding on how to achieve my career goal. I have to stay focused and very very determined, and never let me forget my goal.

4. Do you feel that this workshop has been useful?

→ Yes, of course, it is very much ~~it~~ useful. It just changed our whole mentality. Now, we want to persue higher and higher education. It's inspired us to see these ~~honourable~~ honourable scientist. We feel motivated.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NIGAR SULTANA, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company ALIAH UNIVERSITY, Address: NEWTOWN

1. What motivated you to choose STEM subject?

→ The Importance of chemistry in our daily life. This phenomena mainly responsible for choosing chemistry subject. and I love all the synthesis of organic reactions.

2. What strategy do you follow for your study?

→ I like to listen lecture in order to participate in class discussion.

3. What is your career goal?

→ I have many goal In my life. I want to do some new Invention in medicinal chemistry. and I want to discover Something which related to our Biological. System means chemistry in Biological system.

4. What is your expectation from this worksop?

→ To find out a better career Pathway and also proffesional opfertunities.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

⇒ Yes, I am highly motivated in my choice of study in STEM fields. Motivating speech, which help ~~me~~ in my study.

2. Do you feel that you have a better strategy for your study?

⇒ Yes. I have to improve myself in my study and that strategy is hard work to reach my goal.

3. Do you have a better understanding on how to achieve your career goal?

⇒ Yes, I understand and find out the path way by which I can achive my career goal. a, new better career apperturities, which is open up for ~~my~~ me, which was unknow before the workshop.

4. Do you feel that this workshop has been useful?

⇒ Yes, I feel motivated. and obviously it is more useful. Now we want to persue higher education in abroad. ~~On~~ my thought become changed properly. That I can do something in chemistry ~~depart~~ field. I learn how to improve myself.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shaik Afiya, Subject: MSC PHYSICS, Student/Teacher/Alumni

Institution/Company Osmania College (KNL), Address: 45/398-5 Ashok Nagar Kurnool

1. What motivated you to choose STEM subject?

To get knowledge about STEM
Increase my skills about the technologies which is going on around the STEM.

2. What strategy do you follow for your study?

First of all we have to get the knowledge about the theme point then we have to analyas & then elaborate any required information.

3. What is your career goal?

To go to the research side.

4. What is your expectation from this worksop?

we are glad that we have got opportun. to know about the STEM & got idea on the STEM to learn many things

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, offcourse. It gives us to develope science technologies. Research whats going on around the world.

2. Do you feel that you have a better strategy for your study?

Science is subject that we can understand very good. In our daily life we can compare or learn anything from the science.

3. Do you have a better understanding on how to achieve your career goal?

Yes, if we doesn't understand. We can interact with the friends, sirs

4. Do you feel that this workshop has been useful?

Yes, its a very useful workshop. Actually we doesn't known about this STEM. It is a very good opeunity for us to be here. Thanks a lot..

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, ~~Delhi~~, ~~Hyderabad~~, ~~Kolkata~~, Kurnool, Patna

Name: Dr. C.P. LAKSHMI PRASUNA, Subject: PHYSICS, ~~Student~~/Teacher/~~Alumni~~.

Institution/~~Company~~ K.V.R. Govt College for Women(A), Address: KURNOOL

1. What motivated you to choose STEM subject?

From my childhood days, as a student, I am interested in Science.

2. What strategy do you follow for your study?

I have already reached my goal as I am now working as an Associate Professor.

3. What is your career goal?

To become a good teacher.

4. What is your expectation from this worksop?

I expect that this workshop empowers me in a way wherein, I can be a source of information to promote my students to be part of STEM.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes.

2. Do you feel that you have a better strategy for your study?

Yes

3. Do you have a better understanding on how to achieve your career goal?

Yes. The seminar opens an eye for reaching the goals.

4. Do you feel that this workshop has been useful?

Yes. It is useful for students who aspire for higher education in abroad.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): ~~Aligarh, Delhi, Hyderabad~~, ~~Kolkata~~, Kurnool, ~~Patna~~

Name: K. Nalini Das, Subject: Teacher, ~~Student~~/Teacher/~~Alumni~~

Institution/Company KVRGDC (W), Address: Kurnool.

1. What motivated you to choose STEM subject?

As the stem inspire and help minority & disabled students and got gradual increase in rate of student participation.

2. What strategy do you follow for your study?

3. What is your career goal?

To Teach morals and build the life of student to reach higher goals in an eminent and righteous ways

4. What is your expectation from this worksop?

It is very nice and I wish to flourish still more in all ways by helping the poor students.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I felt very happy and have been motivated by the STEM lectures and decided to help the students in supporting them

2. Do you feel that you have a better strategy for your study?

3. Do you have a better understanding on how to achieve your career goal?

Yes. I have been encouraged by the lectures and decided to be an eminent teacher by helping the students in many ways.

4. Do you feel that this workshop has been useful?

Yes. It is very useful for me and as well as to my students for which the future plans to be planned.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: A-SARALA DEVI, Subject: Botany, Student/Teacher/Alumni

Institution/~~Company~~ K.V.R Govt Degree College Address: Kurnool

1. What motivated you to choose STEM subject?

The STEM program is very nice

2. What strategy do you follow for your study?

The teacher teaching lesson in higher goals

3. What is your career goal?

4. What is your expectation from this worksop?

The program is very nice.
Helping my students

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I felt very happy ~~this~~ program.
The lectures motivated students
Teaching STEM.

2. Do you feel that you have a better strategy for your study?

3. Do you have a better understanding on how to achieve your career goal?

The student achieve his/her goals
The STEM programs.

4. Do you feel that this workshop has been useful?

It's very useful program.
The students should plan
future plans.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Syeda Naziya, Subject: B.Sc Biotechnology Student/Teacher/Alumni

Institution/Company K.V.R Grant Degree college Address: H.no: 81/224-1 Shaheen nagar kurnool-518002

1. What motivated you to choose STEM subject?

I have more interest in science and technology. I think In Today world science and Technology has been a pattaro paucel of life. so I want to live in a developed country.

2. What strategy do you follow for your study?

I just follow to gain more subject knowledge and wisdom too to do betterment to the society.

3. What is your career goal?

I want to become a Researcher in Science field

4. What is your expectation from this worksop?

I want to ~~xxxx~~ gain more information and knowledge in Science and Technology

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I was fully motivated by the STEM fields and I happy to participating in STEM workshop

2. Do you feel that you have a better strategy for your study?

Yeah I had get more knowledge and a lot of information about my future Education in future and I definately follow a better one.

3. Do you have a better understanding on how to achieve your career goal?

Yes I just came to know that every aspect of life is going to be a challenge and I came to know that how can we can we go to abroad and can get my ph.D.

4. Do you feel that this workshop has been useful?

yeah! definately, the workshop has been very useful to me too which can be helpful to me to do my higher Education and what is the process to follow to do my higher Education in abroad. Thank you to you all for choosing kumool for your wonderfull workshop 2

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: S. Hasena Bee, Subject: B.S.c(B.Z.C) Student/Teacher/Alumni

Institution/Company K.V.R Degree College, Address: (Kurnool) Lakshmipuram(V) H.No:- 4-192

1. What motivated you to choose STEM subject?

I think that is very useful for every women that it helps to move in the society along with the women and human ethics.

2. What strategy do you follow for your study?

Learning with intevest reading to gain knowledge

3. What is your career goal?

to complete m.s.c botany and my goal is Botany Lecturure.

4. What is your expectation from this worksop?

I think is it a good work shop to improve my knowledge & communication skills which make very useful ina future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

STEM fields to /ear more motivated in STEM research Experience STEM contend to knowledge & science of Institution. I really feel to this Road workshop. It is very useful in my studies and career.

2. Do you feel that you have a better strategy for your study?

Psychology study mental process responsible for conditing Behaviour Neuro-science studies of the brain developmant structure & function and science, maths, physics move the subjects a better have strategy for your study's.

3. Do you have a better understanding on how to achieve your career goal?

yes.

4. Do you feel that this workshop has been useful?

I think this workshop has a very useful and a good Road show in women's. The workshop has highlights specific skills & science, Technology, physics, mathmatics in my study.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: S. Afrin, Subject: B.Sc B.Z.C, Student/Teacher/Alumni

Institution/Company K.V.R. Degree college Address: 69/446, Johanapuram, Kurnool

1. What motivated you to choose STEM subject?

I think that is very useful for every women. that it helps to more in the society along with the men & women & humaeathics

2. What strategy do you follow for your study?

Learing with intrest Books reading to gain knowledge

3. What is your career goal?

To complete M.Sc Botany & my goal is Botany Lecture.

4. What is your expectation from this worksop?

I think is it a good work shop to improve my knowledge & skills. which makes very useful in future

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

STEm fiedls to feel more motivated in STEm reseach experie -nce, STEm contened knowledge. & science of instruction & assienment

I really feel to this women in stem Road show. It is very useful in my future & my study.

2. Do you feel that you have a better strategy for your study?

Psychology study mental process. responible. for conditions & behaviours. & study's of this brain's development structur and function specific objective, Highlights specific skills is a better strategy for my study

3. Do you have a better understanding on how to achieve your career goal?

Yes, The stem. Road show esepaielly

4. Do you feel that this workshop has been useful?

I feel that to improve my knowlege & is a Best technology. I think this work shop has a very useful. & a good Road Show in women's. The work shop has highlights specific skills. & science, Technology, physics, in my study.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: K. Prashanti, Subject: Bsc. BZC, Student/Teacher/Alumni

Institution/Company K.V.R govt colleage, Address: H-No-6-2, Nandimalli (vi) Allagadda (m), kurnool (Dt) 518543

1. What motivated you to choose STEM subject?

I think this is useful for Every women to fulfil our needs. that helps me a lot in the society. Science gives more knowlede and give Explanations what is going on in the Environment and give clarifications. so I am more intrested in that topic that's why I choose Science.

2. What strategy do you follow for your study?

good understanding and concentration on that topic this is the strategy for my study. anything first of all listen the topic with more tolerance that is my strategy for my studies.

3. What is your career goal?

to become a bank Employee and to be good Person in society. and to be a good Prefessional women in the society.

4. What is your expectation from this worksop?

I think it is a good workshop to improve my knowledge & skills which makes very useful in my future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes I feel more motivated in stem fields in this class we have learnt many things which will motivates me a lot which full fill our ideas & thoughts. which make to take good decision in our future in studies.

2. Do you feel that you have a better strategy for your study?

Yes I have a better strategy for my study. Be patience and hardworking and more concentration on to that topic anything first we listen with more tolerance and this is the strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes I have better understanding on how to achive my career goals. based on hard work we got Evrey thing as we choose. this is policy.

4. Do you feel that this workshop has been useful?

Yes I think this workshop is very useful to me. I learnt more information from this before they dont know about that. this workshop motivate me a lot. and this is useful for me a lot in my future.

The Ohio State University [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Pujari Prathyusha, Subject: BSc.B.Z.C, Student/Teacher/Alumni

Institution/Company K.V.R. Degree college(W) Address: H.No: 4-111-2A/-, New postal colony, KNL

PIN CODE: 518003

1. What motivated you to choose STEM subject?

I think that is very useful for every women that it helps to move in the society. along with the men.

2. What strategy do you follow for your study?

I want mostly to develop the subject knowledge and along with that moral, ethic values in the society.

3. What is your career goal?

To complete MSc Zoology & B.Ed.

4. What is your expectation from this worksop?

I think that it is very useful about English as how to fill the other forms. as for the educational system. or in any other ways. That is useful to uplift the women in the society.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, It is one of the motivated class of workshop. It is very useful to know about the Science, technology, Engineering and maths & as working as a teacher by teaching the children it fulfill my heart for what I am working.

2. Do you feel that you have a better strategy for your study?

Yes, may be it is very useful if I want to study for higher education by getting all the subject knowledge along with my hardwork

3. Do you have a better understanding on how to achieve your career goal?

Yes, By what the motivation classes given by the Stem Roadshow especially in post graduation programmes according to the career of BSc.

4. Do you feel that this workshop has been useful?

Yes, this workshop is very useful for every one. especially for the students as we are planing to do higher education in other States by knowing applying for visa, universities (top) according to the financial Investment.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: T. HARIKA, Subject: Bsc Biotechnology Student/Teacher/Alumni

Institution/Company KVR Govt college for women Address: Kurnool

1. What motivated you to choose STEM subject?

Science and Technology motivated me to choose STEM subject which also includes mathematics.

2. What strategy do you follow for your study?

Hard working & learning new things & gaining subject knowledge with interest are my strategies for my study.

3. What is your career goal?

My career goal is to do ph.D. And to become a Govt. Lecturer in the field of Biotechnology.

4. What is your expectation from this worksop?

I am expecting to know more about STEM subject and benefits that can we gain from STEM subject.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM fields. I am very happy to be a part of STEM field.

2. Do you feel that you have a better strategy for your study?

I have a better strategy for my study. Though I think I have to improve my strategy for the study.

3. Do you have a better understanding on how to achieve your career goal?

Yes I have a better understanding to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes this workshop is very useful. I learn more things from this workshop. I was happy to participate in this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, (Kurnool) Patna

Name: M. Sailatha, Subject: physics, Student/Teacher/Alumni

Institution/Company K.V.R Govt. Degree college for women, Address: V.C ENCLAVE, V.C COLONY,

1. What motivated you to choose STEM subject?

my favoorate subject is physics. Because of in this subject contain morden physics, electronics etc.

2. What strategy do you follow for your study?

Learing with intrest BOOKS reading to gain knowledge.

3. What is your career goal?

my career goal is to become physics lecturer

4. What is your expectation from this worksop?

I excpect more information about STEM subject.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I am feel more motivated in our study in STEM field. By In this workshop the madam's & sir's are give more inframation and give more succesions, ideas and in this work shop is mare useful to all students, Teaches, others.

2. Do you feel that you have a better strategy for your study?

yes, Iam feel better strategy for study, in this work shop I am participated to get more information and. In this workshop any dought to slove the madam's & sirs I am definate to reach the better strategy for study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have been understanding in this workshop is to econcarage my career goal. I am present in this workshop definetly to reach my goal.

4. Do you feel that this workshop has been useful?

Yes, Because of in this workshop I got many information, In this workshop was is useful to my life.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Kummasi Praveena, Subject: Mathematics, physics, computer science, Student/Teacher/Alumni

Institution/Company K.V.R Govt degree college, Address: Kurnool (A).

1. What motivated you to choose STEM subject?

I am very interested in mathematics because I am fond of solving problems. I also interested in physics because ~~because~~ I am interested in electronic devices. So, I am motivated to take my subjects in degree as MPCS (Mathematics, physics, computer science)

2. What strategy do you follow for your study?

I want to learn the ~~study~~ in clear subject in clear As I am a good listener, I will not at all leave any point in my lecturers lecture. Also I maintain running notes. when I want to prepare ~~first~~ I follow my running notes and then I go to the given notes.

3. What is your career goal?

My Immediate goal is to study MSc (physics). ~~After~~ that I in physics I want to become a lecturer and to share my knowledge to so many people.

4. What is your expectation from this worksop?

The presence of women in any field like science, technology, Engineering, mathematics awareness. I am expecting from this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, as I am a STEM field student I am more interested in stem fields. By this workshop, I feel that I perfectly choose the right platform in my life. I am very much thankful for having an opportunity in this workshop.

2. Do you feel that you have a better strategy for your study?

Yes, I have a better strategy for my study. By the seminars of the workshop I got still more strategy for your study.

3. Do you have a better understanding on how to achieve your career goal?

I have a good understanding on how to achieve my career goal. By this workshop I also feel that my career goal should be based on the STEM fields.

4. Do you feel that this workshop has been useful?

Yes, very motivated by this workshop. Very interesting and in which field have the more scope in the world. Overall I can say that a Useful workshop in our life for career goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MOUNIKA NASIKA, Subject: Mathematics, Physics, Computer Science, Student/Teacher/Alumni

Institution/Company K.V.R Govt College for Women Address: Kurnool. (A.P).

1. What motivated you to choose STEM subject?

As technology and Science is increasing day by day it is everyones need to know and gain some knowledge regarding STEM. and I'm very much intrested in updating my knowledge in new technologies and this reason motivated me to choose STEM subject.

2. What strategy do you follow for your study?

My strategy is to know my subject without any fear and want to gain my knowledge as fas as I can.

3. What is your career goal?

I want to be an Administrator in Indian Government Services and want to serve my Country.

4. What is your expectation from this worksop?

It sounds so intresting hearing about the 'Women in STEM Roadshow" ofterall it is about women and knowing how good we are in technology Science Engineering and Mathematics is my responsibility and I'm expecting that I would gain a good exposure about

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, it is really inspiring. It and motivative workshop. I'll continue my higher studies in STEM subject.

2. Do you feel that you have a better strategy for your study?

Yes, this workshop paved me a new way to reach my goal.

3. Do you have a better understanding on how to achieve your career goal?

Yes, for sure.

4. Do you feel that this workshop has been useful?

Ofcourse, this workshop is very useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: M. Praveena, Subject: Maths, physics, ✓chemistry Student/Teacher/Alumni

Institution/Company K.V.R Govt Degree college Address: Kurnool (A.P)

1. What motivated you to choose STEM subject?

I am very Intrested in physics because of Iam very Intrested in mechanical working and also technical working materials

2. What strategy do you follow for your study?

I want to learn in the study of my subject clearly. but my main strategy is I'm doing great hardwork. because of to Reach my goal. my study is helpful to others. finally I'm helpful to peoples

3. What is your career goal?

my career goal is I'm doing a any technical working and also a I become a Resrch of technical work.

4. What is your expectation from this worksop?

I'm very happy to participate in this work shop because of first fall I'm Inspired in this work shop next I go to teles my friends and help minority and disadvantaged female students in govt college and universities to STEM

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes I'm very motivated in STEM fields. how to apply sciences, and Technology, Engeneering and mathematics in my carries we choose The best option.

2. Do you feel that you have a better strategy for your study?

I have a better strategy for my study, hard work is The must important my stregth is my confidens, If any problem comes front I'm Ready to face. because of my goal is my life.

3. Do you have a better understanding on how to achieve your career goal?

Yes I have a better understanding on how to acheive my carrer goal. because of I'm in part of inThis work shop how to apply my functions I Reach to my goal. STEM is ~~The~~ one of The best plat of The how to buid our carrer goal and how to Reach.

4. Do you feel that this workshop has been useful?

I have been partiapated to many conferences and workshops and have always bored or uninterested. That did not happen here. I Realy liked The hands on approach. Thanks for all The great.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool ✓, Patna

Name: K. Sasi Rekha, Subject: physics ✓, Student/Teacher/Alumni

Institution/Company Osmania Degree College for women Address: 76/108 upstair Tampala Shivaya Nagar, kurnool near Ballary chauk

1. What motivated you to choose STEM subject?

my Aim is research in physics I Reaily intersted to science related so like the STEM Subject

2. What strategy do you follow for your study?

Studing Subject in physics deeply and Learning more information for science. as well as understanding and maintain raff nates to writte the important points on nates so this process I'm studying

3. What is your career goal?

P. HD. physics

4. What is your expectation from this worksop?

It is good approchinity for studends and It is highly weful, for me after the furture, so I am interested for the STEM

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes it is very motivated class and also it is very intersting for science STEM fields is developing in our Communicatio skills.

2. Do you feel that you have a better strategy for your study?

Yes I reatly have a better strategy for my Studies, Because, I am maintained my ruff nates neatly so i'm following important points to the topics. I am Deeply studying in Subject

3. Do you have a better understanding on how to achieve your career goal?

first of all I am selecting how to prepare to achieve my goal and understanding very well to Subjects an reaching my Career goals.

4. Do you feel that this workshop has been useful?

Yes I really feels this workshop is Very useful to all like as college students education Completed womens, and it is very greateful for all students. This is best approchinity for girls (womens)

[redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: K. Afroz Begum, Subject: BSc (MPCs) Student/Teacher/Alumni

Institution/Company Osmania Degree Clg for women Address: Kurnool

1. What motivated you to choose STEM subject?

I intresting to Mathematic. I am really motivate thig STEM subject

2. What strategy do you follow for your study?

I am studying Mathematics in ~~physics~~. STEM. and I Gain STEM subjects.

3. What is your career goal?

Bank Employee.

4. What is your expectation from this worksop?

This is good apporchunity for students.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I motivated in STEM field then how to approch the STEM we are knowing after your classes. This is one of the best opperchunity.

2. Do you feel that you have a better strategy for your study?

Yes I really have better strategy for my studying because, Iam maintaining my note to important points

3. Do you have a better understanding on how to achieve your career goal?

After my Bsc I completed to P.G. Because I am motivating & understanding on how to achieve my career goal.

4. Do you feel that this workshop has been useful?

yes this woorkshop has been usefull to students.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: P.Shaikunbee, Subject: Maths, Student/Teacher/Alumni

Institution/Company Osmania College, Address: Kurnool

1. What motivated you to choose STEM subject?

Research in physics, I Really interested to Science related so like the STEM Subject

2. What strategy do you follow for your study?

Studing subject in physics deeply and Learning more information for Science. as well as understanding and maintain raff Wate to write the important points and proces is studying

3. What is your career goal?

phD physics

4. What is your expectation from this worksop?

Very good opportunities in Stem Subject

So, I am interested for the STEM Subject

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

MBA in STEM field in (oHio) university, so STEP subject is also motivation

2. Do you feel that you have a better strategy for your study?

Ya I really have a better strategy for my studies Because, I am maintained my ruff notes and important points on the topics

3. Do you have a better understanding on how to achieve your career goal?

my Career Goal is MBA, them I hope best opportunities in finances and Accounts

4. Do you feel that this workshop has been useful?

Workshop is very useful in degree, school students

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHAIK. SANA FATHIMA, Subject: LIFE SCIENCE Student/Teacher/Alumni

Institution/Company Osmania degree college, Address: 24-26 Gani Galli street Kurnool

1. What motivated you to choose STEM subject?

My stem subject is microbiology

→ Stem subjects are integral to the success

→ Global opportunities comes with stem qualification especially if we have a good communication (or language skills. & stem subject is parts of our lives

2. What strategy do you follow for your study?

Speaking loudly instead of simply reading,
Teaching what i have learn to someone else
Taking notes by hand
simply notes to few words, learn in short burst

3. What is your career goal?

Microbiologist, self satisfying job

→ Setting goals which motivate me,

4. What is your expectation from this worksop?

To get knowledge & Good information.
Learning goals, sharing innovative and best practices

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   Yes, stem is important because it pervades every part of our lives.

2. Do you feel that you have a better strategy for your study?

   Yes, because, I'll takes notes by hand,

3. Do you have a better understanding on how to achieve your career goal?

   Goal must be clear & well defined, motivating ourself, building self confidence based on successfull career & goals. Finding a good mentor

4. Do you feel that this workshop has been useful?

   Yes, It motivate us towards a stem career and i really motivated by this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHAIK NAZIA SULTANA, Subject: LIFE SCIENCE Student/Teacher/Alumni

Institution/Company OSMANIA DEGREE COLLEGE, Address: 46/363, A, BUDHWAR PETA, KURNOOL, A.P - 518001.

1. What motivated you to choose STEM subject?

The stem subject is interesting and it is full of facts which motivates me to learn further.

2. What strategy do you follow for your study?

Make a study plan, Concentrating and Understanding the concept rather than bythearting it.

3. What is your career goal?

To achieve a self-satisfying job.

4. What is your expectation from this worksop?

To learn, experience, explore many more new things from this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, it is very motivational and also very inspiring.

2. Do you feel that you have a better strategy for your study?

Yes, after attending this workshop, I have a better strategy for my further study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, after listening to the motivational lectures, I have a better understanding to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes, it is very useful for my future career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: M. Keshavardini, Subject: Maths, Student/Teacher/Alumni

Institution/Company Osmania Degree clg, Address: H.NO 68-94A Machia Bazar Knl.

1. What motivated you to choose STEM subject?

I ~~would like to explore your objectives~~.
I am fond of learning science.

2. What strategy do you follow for your study?

first I will prepare a running notes. I study what I understood

3. What is your career goal?

I would like to pursue a lecturer in mathematics.

4. What is your expectation from this worksop?

my expectation from this workshop is to motivate me for higher educations.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM field. I like to tell Dr. Sultana mam was given more motivate class.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that, I have better strategy for my studies.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I feel better now, before coming this program. I was confused. Now I am known.

4. Do you feel that this workshop has been useful?

Yes, this work shop has been very useful to me & my studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shaik. Salma Naureen, Subject: Biotechnology Student/~~Teacher~~/~~Alumni~~

Institution/Company Vasavi Mahila Kalasala Address: 104' King Market Kurnool

1. What motivated you to choose STEM subject?

I have been interested in Science back ground as it motivates me in every aspects as Science is life we can't imagine our life without it I want to take my career ahead in Science.

2. What strategy do you follow for your study?

I follow the good teaching faculty and communication skills regarding fluence in English. Good knowledge about the Subject.

3. What is your career goal?

My goal is to become a researches in recognised laboratory To invent a new technologies for development of plants.

4. What is your expectation from this worksop?

My expectation from this workshop is to get a foreign Education in the Science to offer the ph.D in USA it helped me alot.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I felt motivated because i come to know a lot of information in stem As it will be helpful for Studying America.

2. Do you feel that you have a better strategy for your study?

I have planned to complete my graduation and Study my post-graduation in America.

3. Do you have a better understanding on how to achieve your career goal?

I can achieve my goal by offering higher Studies and to be in a greater position.

4. Do you feel that this workshop has been useful?

It has helped be a lot I gained knowledge about STEM and pursuing higher Studies in American

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: S. Md. Yasmeen Begum, Subject: student ✓, Student/Teacher/Alumni

Institution/Company Vasavi Mahila Kalasala Address: H.NO: 32/6, Medhavi street, One Town, KNL

1. What motivated you to choose STEM subject?

I choose Science subject because I get motivated from Ayesha Siddiqua., that she has explained very well. about STEM. I have been intrested in STEM.

2. What strategy do you follow for your study?

* There should be good education. (or) teaching.
* And there should be good lecturers (or) Professors so that we can interact them.
* They should be good communication skills.

3. What is your career goal?

Research in Medical Microbiology. that is my career goal

4. What is your expectation from this worksop?

I got alot of information from this work shop about STEM.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I have been motivated in choosing science subject in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes. Because they are aloting scholarship for study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have get better understanding to achieve my career goal

4. Do you feel that this workshop has been useful?

Yes, I have get useful from this work shop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shaik Ayesha Mehnaz, Subject: Biotechnology / LifeScience, Student/Teacher/Alumni

Institution/Company Vasavi Mahila Kalasala, Address: 2-272 / Near T-town Kurnool. A.P

1. What motivated you to choose STEM subject?

* I choose life science as my subject because Science helps us in all the ways in order to help the society and choose my carrier Objective in science for my service

2. What strategy do you follow for your study?

* There is not yet any strategy to study but I have a strategy to get my goals by following the biotechnology subject and want to do a Research field in the subject. to see my self as a researching for the update.

3. What is your career goal?

* My career goal is to go further in my Subject and Get a full fledge knowledge and become a Successful researcher as a Professor.

4. What is your expectation from this worksop?

* I expect from this workshop is, it should able to fulfill the requirements, what I am haping is to do my higherstudies and work in biotech Research field. or related to it.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

* yes I feel motivated before this workshop, I was simply wanted to do jot after my studies but after this, I really feel that to get an opportunity in Great Universities in foreign.

2. Do you feel that you have a better strategy for your study?

* Yaa, I feel that to continue my researching in the subject and do graduation in the most reputated universities and hope I can utilise it for, My betterment.

3. Do you have a better understanding on how to achieve your career goal?

* I can achieve my goal, to go ahead in the researching studies related to my subject that is in life sciences and keep Myself in the satisfactory Purpose of my life.

4. Do you feel that this workshop has been useful?

* yes, It has been useful. I get to learn and experience from all the great People like Sultana, Karen Truing, Nasreen, Anil Pradhan and So on, Many motivational knowledge and I heartfully enjoyed and Motivated in My life for my future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, (Kurnool) Patna

Name: Syeda Shamayila Zasnain, Subject: Science, Student/Teacher/Alumni

Institution/Company Vasavi Mahila Kalasala, Address: (Vasavi Mahila Kalasala 11-129, E-13, Abbas Nagar, Kurnool

1. What motivated you to choose STEM subject?

The way STEM is doing their job by educating the needy. I was very excited and also motivated to choose STEM.

2. What strategy do you follow for your study?

The only strategy is I am pursuing my graduation and I want to pursue post graduation and do a suitable job

3. What is your career goal?

My career goal is to do job in my field which may be suitable for me.

4. What is your expectation from this worksop?

I expect this would be very interesting and very motivated.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I felt more motivated to study in STEM fields.
Infact I am interested in STEM fields to work (or) to study.

2. Do you feel that you have a better strategy for your study?

In my view there is a very good strategy for me in studies.

3. Do you have a better understanding on how to achieve your career goal?

After listening and grasping the lectures I feel I have better understanding (or) clearance what should I do and to achieve my career goal.

4. Do you feel that this workshop has been useful?

Literally I feel previliged to attend this workshop.
I would like to thank professors to help me out to make me achieve my goal. It has been very very usefu

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: TONPE. RENUKA, Subject: BIOTECH STUDENT ✓, Student/Teacher/Alumni

Institution/Company VASAVI MAHILA KALASALA Address: # 53/40, UTTARADI MATT ROAD, NEAR KING MARKET, KURNOOL.

1. What motivated you to choose STEM subject?

The thing that motivated me to choose STEM Workshop is We can interact With STEM Coordinators. We can able to know about different options We can have in our Career.

2. What strategy do you follow for your study?

I don't follow any particular strategy. ~~the~~ me interest towards my subject make to read.

3. What is your career goal?

My Career goal is to do research in the stream of biotechnology and to Settle as a scientist. My Motto is learn globally, Work locally. so am interested in doing my PG out of My Country.

4. What is your expectation from this worksop?

as the STEM stands for Science, technology Engineering and Mathematics my expectation is to know more about this subjects

THE OHIO STATE UNIVERSITY [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, ofcourse i feel motivated in my choices the presentations and interactions are quite motivating

2. Do you feel that you have a better strategy for your study?

As i answered before in pre survey. I don't have any particular strategy interest towards my subject made me to study and made me more enthusiastic towards my subject

3. Do you have a better understanding on how to achieve your career goal?

yes, I have a better Understanding on how to achieve my career goal. before i was totally unaware of educational career in foreign. By this Workshop the presentations given by them made my Vision more clear.

4. Do you feel that this workshop has been useful?

yes, i feel so. because by this stem Workshop i came to know from about the process that one should go through inorder to pursue their education in U.S and also different online courses which are totally free like MOOC. and also about teaching Career in the United states

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool ✓, Patna

Name: C. SHIRISHA, Subject: BIOTECH ✓, Student/Teacher/Alumni

Institution/Company VASAVI MAHILA KALASALA Address: #53/40, Uttaradhi Mutt Road, Near King Market, Kurnool.

1. What motivated you to choose STEM subject?

The thing which motivated me to choose STEM is giving preference to minority and disadvantaged female students.

2. What strategy do you follow for your study?

I do study with practical knowledge and application, with perfect planning.

3. What is your career goal?

I love to do finding something new. So my carrer goal is to become scientist.

4. What is your expectation from this worksop?

Can know what actually STEM is and their processing

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I felt more motivated by the workshop and speeches given by co-ordinators.

2. Do you feel that you have a better strategy for your study?

Yes, this workshop made me to think broad, and also to have a better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, How much, I have to work hard to achieve my career goal I understood very well.

4. Do you feel that this workshop has been useful?

Yes, this workshop is useful and made me to know new things and what way we can be successful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: M. Indupriya, Subject: Bio-tech, Student/Teacher/Alumni

Institution/Company Vasavi Mahila Kalasala, Address: Vasavi Mahila Kalasala, #53/40, Utharadhi mutt Road, Near King Market Kurnool.

1. What motivated you to choose STEM subject?

I have very much interest in science subject so I motivated to choose STEM.

2. What strategy do you follow for your study?

I can understand the concept, I think My success starts from this.

3. What is your career goal?

My career goal is to become a Biotechnogdist

4. What is your expectation from this worksop?

I except some knowledge to choose my carear.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   Yes, I really motivated by your speech. Now I can easily build my future education.

2. Do you feel that you have a better strategy for your study?

   Yes, I have a better strategy of my studies with practical knowledge.

3. Do you have a better understanding on how to achieve your career goal?

   Yes, I can understand to achieve my career goal with hard work.

4. Do you feel that this workshop has been useful?

   Yes, this workshop is very useful for us. To Achieve the goals easily.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: R. Khalida Zeba, Subject: BSc. BMC, Student/Teacher/Alumni

Institution/Company Vasavi Mahila Kalasala Address: # 53/40, Uttaradimath road, Kurnool.

1. What motivated you to choose STEM subject?

I like to learn (or) like to know about the new things, so I choose STEM and also have came here to know about STEM.

2. What strategy do you follow for your study?

I prefer applied knowledge for the study of the particular subject. One should get the entire knowledge about the related subject which you choose.

3. What is your career goal?

My career goal is to go towards the research field through which I can serve the country with my new ideas.

4. What is your expectation from this worksop?

I just want to get the information about the STEM. and to know about the future in abroad.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I do feel motivational after listening to the workshop, and the choice of study in the STEM field will be beneficial to the freshers who were interested in the teaching field.

2. Do you feel that you have a better strategy for your study?

I do feel that I have a better strategy after attending and listening to this STEM workshop. STEM given me the knowledge how to make my strategy towards my study even better and best.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have got a clear idea how to achieve my goal and this will be helpful to me for the better future for my career.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been useful to me and everyone who attended to this. This paved a way to make a better career in abroad and provided awareness about the VISA applications in USA by which we can have a easier way. ~~for~~ to USA.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: DULIGUNTI POOTITHA, Subject: Biotech, Student/Teacher/Alumni

Institution/Company Vasavi Mahila kalasala, Address: #53/40, Uttaradi Matt Road, Near King Market, Kurnool

1. What motivated you to choose STEM subject?

The interest for the subject is the main motivation to choose STEM.

2. What strategy do you follow for your study?

I'll understand the concept, try to answer myself to the questions arised.

3. What is your career goal?

My main aim is to become a researcher in the field of microbiology.

4. What is your expectation from this worksop?

I expect a little knowledge about the higher education in the states.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   Yes, I do feel motivated after listening to Ms. Aditi Rajput and Ms. Sravani for their advises & wonderful experiences in the states.

2. Do you feel that you have a better strategy for your study?

   Yes, I have a better strategy for my studies with more practical knowledge than the bookish.

3. Do you have a better understanding on how to achieve your career goal?

   Yes, I understand that I have to work more & more & harder after listening to the advises.

4. Do you feel that this workshop has been useful?

   Yes, this workshop is very useful to the students like us who are interested in studying at foreign Universities.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool ✓, Patna

Name: A. Soujanya, Subject: BSC-BMC ✓, Student/Teacher/Alumni

Institution/Company Vasavi mahila kalasala, Address: # 53/40, uttaradi matt road, kurnool

1. What motivated you to choose STEM subject?

Actually i like to learn (or) like to know about the new things, so i choosed STEM and also came forward to know about STEM.

2. What strategy do you follow for your study?

In my view practical knowledge makes a perfect study to me and also like to participate to get the basic knowledge, this is my strategy.

3. What is your career goal?

My career goal is to do researches in biotechnology or microbiology and become a Scientist.

4. What is your expectation from this worksop?

I may get to know about STEM and also teaching planni

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, i felt motivated by the workshop and the speechs given by the coodinators was very nice. and also the doubt clarification by the coordinators is good.

2. Do you feel that you have a better strategy for your study?

Yes, i feel that this ~~at~~ STEM education will provide the basic & practical knowledge which is mainly needed by me.

3. Do you have a better understanding on how to achieve your career goal?

Yes, i have and i think this workshop may definetly help to achieve my careergoals in future.

4. Do you feel that this workshop has been useful?

Yes, this workshop is useful as it gave information abant higher education in US and also about the GRE examination and benefits of higher educations in US.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: H. Athija kousar, Subject: Life Science, Student/Teacher/Alumni

Institution/Company Osmania degree college for women, Address: 41/876 kothapeta kurnool

1. What motivated you to choose STEM subject?

The Stem Subject is interesting and in Life Science of Zoology and it fact full which motivate us to learn further.

2. What strategy do you follow for your study?

I make Study plan and Concentrated on the Concept.

3. What is your career goal?

To achieve a aishoslers job.

4. What is your expectation from this worksop?

Good knowledge and experince from workshop

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated to Study in Stem field

2. Do you feel that you have a better strategy for your study?

Yes I feel better Startegy for my Studies and Concentrated the Concept.

3. Do you have a better understanding on how to achieve your career goal?

after Listing and gearphing of my Lecuateure I feel. I have a better understanding to achive my Career goal.

4. Do you feel that this workshop has been useful?

Yes It is useful for my future career and I would Like to than my Leacture to help me. In this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool ✓, Patna

Name: K. Bhagya Lakshmi, Subject: Science, Student ✓/Teacher/Alumni

Institution/Company Osmania Degree Colle Address: 36/115-A, Chittari Street, Knl.

1. What motivated you to choose STEM subject?

STEM Subjects of are diverse, challenging, and offering a wide range of Opportunities that a women can do and I also heard they were preparing students and teachers in these Programs for future work in Exciting Careers. Due to financial problems I may Stop my studies. I think its a better opportunity to me to study in abroad.

2. What strategy do you follow for your study?

I used to be logical and visual learner, attending all classes without fail. I used to prepare a time table for study hours and making running notes when the lecturer starts his lecture. Keeping Eye contact with the lecturer is my first strategy and clarifying doubts daily.

3. What is your career goal?

Seeking a challenging and rewarding opportunity with an Organization of repute which Effectively utilizes my Excellent analytical and technical skills in IT industry Software.

4. What is your expectation from this worksop?

As a student we need some guidences and some motivation to choose a better field and My Expectations from these workshop is to gain some better knowledge which will use to succeed in my life.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated by the lectures given by Professors Sultana N. Nahar, Karen Irving and Dr. Nasreen Haque.

2. Do you feel that you have a better strategy for your study?

~~Yes, I feel [illegible] very great and better strategies to follow in our studies.~~

Yes, I feel that I have great and better strategies that we have to follow in our studies

3. Do you have a better understanding on how to achieve your career goal?

Yes, we have a better understanding to achieve our goals and to succeed in our lives.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very useful to us and we feel more motivated by the STEM Roadshow workshop

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shaik Mymuna Afreen, Subject: ~~Scier~~ Mathematics, Student/Teacher/Alumni

Institution/~~Company~~ Osmania Degree College, Address: 9/263, A opp: Lal Masjid, Kurnool

1. What motivated you to choose STEM subject?

I would like to explore new objectives. My curosity for getting more and more acknowledge lead me to opt, for a new experience.

2. What strategy do you follow for your study?

I always believe in valuable, factual and exploring education instead of root education. I first understand things and then explore it to the best understanding and this stuff makes me confident at some or the other state.

3. What is your career goal?

I aim to see myself as a dedicated professor. I love the responsibility of a tutor, giving knowledge. In other words spreading light all around. INSHA-ALLAH

"I love to be a light in someone's darkness".

4. What is your expectation from this worksop?

In short, A life time experience. Just to learn new things which I am not aware with. And to have fun with education nor the formal education.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

To your kind Information I have always been a student interested in Science. Infact, my goal was to see myself as a doctrate but due to some circumstances I have to opt for an under graduation ~~over~~ in STEM Fields. Coming to the survey conducted, boosted me up and motivated me to the beyond level.

2. Do you feel that you have a better strategy for your study?

I strongly believe "Hope for the best, Expect the least". There is no Alternative otherthan Hardwork. Obviously, Hardwork pays back in aspects of both knowledge and worth.

3. Do you have a better understanding on how to achieve your career goal?

Yes. Firstly I am looking up to complete my P.G i.e., post graduation from a designated university. Then after I would try to finish up with Ph.D/M.phill degree in physics.

4. Do you feel that this workshop has been useful?

Yes, obviously It was a lifetime Experience for myself. It boosted me up, beside acquiring the todays Competition level In Education and need of oneself to strive hard to exist.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: S. SHOBHA RANI, Subject: Biochemistry Student/Teacher/Alumni

Institution/Company Osmania college women Address: 42/19, Gowli Street, Kurnool.

1. What motivated you to choose STEM subject?

To encourage students to learn more and to empower them

2. What strategy do you follow for your study?

Books, various studies, References.

3. What is your career goal?

To do research in my subject

4. What is your expectation from this worksop?

To gain knowledge on and guidelines for my phD.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, Inspired, and motivated very much to study in STEM.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have better strategy to study.

3. Do you have a better understanding on how to achieve your career goal?

yes, I have a better understanding how to achieve career goal. To gain, to communicate with eminent persons & through some examinations, I would like to achieve my research

4. Do you feel that this workshop has been useful?

yes, this is very useful, we got much and acquired knowledge we would like to explore the knowledge from various sources. We understand various roules and guidlines.

S. Shobhadhani

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHAIK TUBA NAUSHEEN, Subject: PHYSICS, Student/Teacher/Alumni

Institution/Company OSMANIA COLLEGE, Address: H.No: 5-218, Rangaraj street I Town Police Station, Kurnool

1. What motivated you to choose STEM subject?

The subjects include STEM and the various examples explained by the talented and experienced professors.

2. What strategy do you follow for your study?

First we need to listen carefully and understand the concept very deeply so that we can easily learn. The strategy of STEM I follow for my study

3. What is your career goal?

My goal is to get a good job as a in a public sector

4. What is your expectation from this worksop?

My Expectation is fullfilled from this Workshop

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM field.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have a better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a better understanding how to achieve my goal.

4. Do you feel that this workshop has been useful?

Yes. Yes. I feel that this workshop has been useful for students Graduate and Post Graduate. Thank you very much for giving me this oppourtunity to be a part of STEM Workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Syeda Adeeba Fayeez, Subject: Physics, Student/Teacher/Alumni

Institution/Company Osmania College, Address: H.no:-2-121-5-1, Balaji Nagar, kurnool.

1. What motivated you to choose STEM subject?

The 1st sessions feedback from the participants made me choose STEM subject

2. What strategy do you follow for your study?

My strategy of study is that I study by understanding and research.

3. What is your career goal?

To become a professor.

4. What is your expectation from this worksop?

My expectation from this workshop is that I will get to clarify my doubts clarified.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yeah., I feel more motivated in choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Now I feel that I have a better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

How to achieve my career goal was a big question for me, but now after this workshop I am pretty good about achieving my career goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop was very useful to me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Dr. M. Jahanara, Subject: Zoology, Student/Teacher/Alumni

Institution/Company Osmania college(W), Address: Asst. Prof. in zoology, Osmania college Kurnool.

1. What motivated you to choose STEM subject?

To encourage and empowered minority and disadvantaged persons.

2. What strategy do you follow for your study?

reading Books, Google.
[Smart goal setting
Memory technique, To Teach the students]
Time management
Useful study system – Highlight Key points

3. What is your career goal?

~~Teaching~~ to get Govt. job in University
To do research if I get Project
to innovate something like - -
especially vaccine for cerebral malaria patients.

4. What is your expectation from this worksop?

let me empower to do research and service to needy people

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes. It is motivated the students more to learn how to study, how to apply for further career in US.

2. Do you feel that you have a better strategy for your study?

Yes ~~Strategy~~ more websites and also got more information from the Speakers.

3. Do you have a better understanding on how to achieve your career goal?

yes. They got more information from the Speaker to achieve their career goal.

4. Do you feel that this workshop has been useful?

Very much useful.
got great opportunity
Its really a great experience.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, (Kurnool) Patna

Name: SYEDA AFNI, Subject: ~~MICROBIOLOGY~~ Student/Teacher/Alumni

Institution/Company OSMANIA DEGREE COLLEGE FOR WOMEN, Address: ~~H-NO- 3/29 opp. peeli Masjid OSMANIA COLLEGE~~ ROAD KNL

1. What motivated you to choose STEM subject?

It's girl empowerment where the girl child is being encouraged and they are helping girl child to go further without any fear. The girls are not just to be seated at home they can also do what men's can do. I am really thankfull for st STEM that they came to kurnool and gave opportunity to girls that they can also be independent.

2. What strategy do you follow for your study?

The main thing is I wakes up at 3:00'o clock morning & its the fresh hour as in my sleepy eyes only the Answer gets in to my mind. This is the best hours where we can learn Answers quickly.

3. What is your career goal?

I just want to be independent and always be free and want to be Micro biologist and help out people from upcoming diseases.

4. What is your expectation from this worksop?

My expectation from this workshop is that I can come farward and give my best and know my ability that how far I can do the works by my own.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

YA; I feel more motivated in my choice of study in STEM fields. I am hoping to get (or) work through STEM.

2. Do you feel that you have a better strategy for your study?

I feel I can be better in my studys YA; I can get new Strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

YA; I do have better understanding on how to achieve my Career goal.

4. Do you feel that this workshop has been useful?

YA; It's very useful workshop for girls where they can experience that how the work goes on in workshop we get new ideas from this. We can get experience to the knowledge in STEM. I came to know how other people got benifited by STEM I feel Lucky that I became part of it.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: K. Afeefa Firdous, Subject: Science, Student/Teacher/Alumni

Institution/Company Osmania Degree College, Address: H/No-2/85-A one town area

1. What motivated you to choose STEM subject?

To Speak, to express myself
and the jobs that offer Stem

2. What strategy do you follow for your study?

Do not byhard
Understand the topic
Put Focus and Concentration
and Sleepwell

3. What is your career goal?

Archeologist (or) any self-satisfying job

4. What is your expectation from this worksop?

To empowerise myself
and learn more intresting things

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, a lot!

2. Do you feel that you have a better strategy for your study?

Yes, but not better
We can say Good Strategy

3. Do you have a better understanding on how to achieve your career goal?

Yes I have a better Understanding
and focused on how to acheive my career goal

4. Do you feel that this workshop has been useful?

Yes I feel that this workshop has been Useful for developing skills. STEM aims to foster inquiring minds, logical reasoning and Collaboration Skills

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, (Kurnool) Patna

Name: Shaik. Khuleda Rayees, Subject: III BSc[CBZ], Student/Teacher/Alumni

Institution/Company Osmania degree college for women, Address: H.NO:-32-207 Gadda street Kurno

1. What motivated you to choose STEM subject?

As, I am girl, choosing a stem subject to acheive a goal never got this type of knowledge this is first stem work shop in my life. The better experience go ahead in my life.

2. What strategy do you follow for your study?

Then its time for a study plan schedule that works on time. Thanks to new study schedule. so, I have already a good study routine. so today well take a closer look at each one and show how can implement this right away.

3. What is your career goal?

I want be succesful person in a life. Be an independen join an organization which provides me challengi environment and opportunity to develop my skills and contribute to the company growth.

4. What is your expectation from this worksop?

My expectation to workshop is to gain knowledge my duties well. It will also help me to implement any project related to this course. It will build my capacity on ha to address and support the community. attending the workshop will not only be helpful to me but also to the organization as whole.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. I feel more motivated to study in stem fields stem gives a new things in a life. never got this type of knowledge in my life.

2. Do you feel that you have a better strategy for your study?

I feel can be better in my studys. YA! I can get new strategy for my study. The better study habi that I can employ good studying strategies. to stay on tract and use our's learning style to study better by during a daily time table.

3. Do you have a better understanding on how to achieve your career goal?

I want to be succesful person in my life. I want a good lectures in university and join an orga ization which provides me challenging environment. I have better time and more knowledge and best experiences with this stem work.

4. Do you feel that this workshop has been useful?

The workshop has been very useful to me this is best and better workshop in my life. I thankful to STEM workshop for choosing a kurnool, as we join the workshop and we have gain more knowledge about science technology. It's very helpful to me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool ✓, Patna

Name: K. Dhanalakshmi, Subject: Physics ✓, Student/Teacher/Alumni

Institution/Company Osmania Degree Clg (Women), Address: 35/18 - Kumnari Street, Kurnool.

1. What motivated you to choose STEM subject?

My aim is to became an Engineer, but due to financial Problems. I have decided to do a software job. I heard from our lecturers about STEM has changed my decision that to go abroad and to study science subject.

2. What strategy do you follow for your study?

Firstly, I keep concentration and dedication in all lectures given by our lecturer. I prepare my running notes daily. If I have doubt of clarifying doubts with my lecturers daily.

3. What is your career goal?

My Carrer goal is to do software job to invent Some technological instruments and do invent Some better Experiments that are helpful to all students.

4. What is your expectation from this worksop?

My expectation from this workshop is motivate and I used to came here that to have a carrier guidence. I hope from this workshop I will learn more knowledge from you.

THE OHIO STATE UNIVERSITY [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel ~~more~~ very motivated to study STEM fields. I am very impressive for the workshop. This workshop motivated me for my higher studies.

2. Do you feel that you have a better strategy for your study?

Yes, I feel better strategy for my studies. It is the best strategy to me

3. Do you have a better understanding on how to achieve your career goal?

Yes, I can understand to achieve my carrier goals.

4. Do you feel that this workshop has been useful?

Yes, I feel this workshop is useful for my future studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ahamadi Begum, Subject: Mathematics, Student/Teacher/Alumni

Institution/Company Osmania Degree college for women Address: 62/28A, FRT Near obl busst KURNOOL A P

1. What motivated you to choose STEM subject?

STEM Subject is productive so I want to utilize this opportunity to know it deeply. and I will utilize this knowledge. and impart to students.

2. What strategy do you follow for your study?

I will follow different new addition of books related to my subject and not to lag behind I also use internet to search the latest technology.

3. What is your career goal?

To ~~become~~ do best out of my teaching. So that it will helpful to students. and also to expertise and explore in various dimensions of my professions

4. What is your expectation from this worksop?

To gain Knowledge, in Mathematics.

THE OHIO STATE UNIVERSITY [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do feel motivated to some extent.
I feel a sense of enquiry in research of
my subject.

2. Do you feel that you have a better strategy for your study?

Yes, I do feel a I have a better I have a strategy to some extent
because I relate my subject to the basic
conceptual and practicality of the subject.

3. Do you have a better understanding on how to achieve your career goal?

I feel it workout on this. It gave me lot of
Knowledge and details to reach my goal.

4. Do you feel that this workshop has been useful?

Yes it has been greatly useful to me.
It gave lot of information about
University Studies.

Ahamadi Begum.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 08, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: A Bharathi, Subject: Maths, Student/Teacher/Alumni

Institution/Company Osmania Degree college Address: 38/127, Minchin Bazar, Rd.

1. What motivated you to choose STEM subject?

My Aim is to became a physics lecturer. My financial background is not good. The STEM is related to science so, I came this workshop.

2. What strategy do you follow for your study?

~~I am coming from my~~ My strategy is to study the subject I will learn only what I understood.

3. What is your career goal?

my career goal is to complete PH.D in physics.

4. What is your expectation from this worksop?

I think this workshop will motivate me and give the information about higher studies. whatever we studing in future related to science.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM field. I like to tell that Dr. Soltana mam was given more motivated class.

2. Do you feel that you have a better strategy for your study?

yes, I feel that, I have a better strategy for my study the tips are very useful my studies what ever you are telling.

3. Do you have a better understanding on how to achieve your career goal?

Yes mam, I feel better Now. before coming this program I was confused Now I am known.

4. Do you feel that this workshop has been useful?

yes, this workshop has been very useful to me and my studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: P. SREE RAGINI, Subject: Science, Student/Teacher/Alumni

Institution/Company Vasavi Mahila Kalasala, Address: 47/60-B, Budhawar Pet, Kurnool

1. What motivated you to choose STEM subject?

I was actually motivated dey my interests in the Science and various new technologies and methodologies emerging every now and then.

2. What strategy do you follow for your study?

I follow my own strategy to study the higher education upto which I can.

3. What is your career goal?

My career goal is to seek a position where it is to be challenging and acknowledging me new things in life and also where I can be able to help the needy

4. What is your expectation from this worksop?

To make me know the things which are not known dey to me and various opportunities I can avail.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do... As this workshop made known various opportunities which I can avail in the United States if I can make use of them.

2. Do you feel that you have a better strategy for your study?

Yes, in my thinking as I am a person interested in knowing the unknown and eager to learn new technologies and methodologies and determined in completing the assigned tasks.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I do have an excellent understanding in achieving my career goal as the session started with basic things to unknown things into known slightly.

4. Do you feel that this workshop has been useful?

Yes, Of course ... This workshop enlightened me the various sources and opportunities in the STEM fields

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 08, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: P. HAJARABI, Subject: Physics, ~~Student~~/~~Teacher~~/~~Alumni~~

~~Sri. Ravi Kiran Eng Medium School~~ Student

Institution/Company ~~Banaganapalle~~, Address: 11/198 Near L.I.C Office. Banaganapalle Kurnool(D)

1. What motivated you to choose STEM subject?

To improve my education skills

2. What strategy do you follow for your study?

first I read lesson, understand the saliject matter Prepare notes. Write the matter on sheet again and again and recall the matter.

3. What is your career goal?

To continue in faculty.
To improve my fluency English and Practical work.

4. What is your expectation from this worksop?

good motivation

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes.

2. Do you feel that you have a better strategy for your study?

yes

3. Do you have a better understanding on how to achieve your career goal?

yes. I have inspired with the instructions Given by madeam.

4. Do you feel that this workshop has been useful?

with pleasure.
It is very usefull to me to Apply in daily life.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Kousar Fathima, Subject: Physics, Student/Teacher/Alumni

Institution/Company Osmania College, Kvl Address: H.No- 4/19, Osmania College road, Kurnool.

1. What motivated you to choose STEM subject?

Because I like Studying Science

2. What strategy do you follow for your study?

First we have to understand the concept So, that it can be easy for us to understand the Subject and I follow this rule.

3. What is your career goal?

My goal is to become a good teacher

4. What is your expectation from this worksop?

I expected a good knowledge & this workshop fullfilled my expectation.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel it is good to study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes, I feel we have a better strategy for our study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, By attending this workshop, I understand how to achieve the career goal.

4. Do you feel that this workshop has been useful?

Yes, I really feel this workshop is very useful. It helps us to learn the career goal and the learning in STEM & how STEM is important in world.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 8, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shaik. Parveen Sultana, Subject: MSc Physics, Student/Teacher/Alumni

Institution/~~Company~~ Osmania College Kurnool, Address: 8/19-B, Kavadi street, Near One Town, Kurnool.

1. What motivated you to choose STEM subject?

The subjects include STEM and the various examples explained by the very much talented and experienced Professors.

2. What strategy do you follow for your study?

The strategy of STEM I follow for my study. Gather the material from various sources and make a notes.

3. What is your career goal?

My goal is to get a good job in a Public Sector.

4. What is your expectation from this worksop?

My expectation is fulfilled from this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have a better strategy for my study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a better understanding to achieve my goal

4. Do you feel that this workshop has been useful?

Yes, Yes, Yes. I feel that this workshop has been useful for the students Graduate and Post Graduate. Thanks You very much for giving me this opportunity to be a part of this Great "STEM" Workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 05, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: TANZAH ANAM, Subject: Industrial microbiology, Student/Teacher/Alumni

Institution/Company Patna Women's College Address: Bailey road, Patna

1. What motivated you to choose STEM subject?

Since, from my school days i was intrested in the field of science and mainly in Biology. When i passed my Intermediate, i was searching for a subject that deals with microbes. And i look the subject "Industrial Microbiology" As i was eager to know about microorganism and how they interact with us and with the environment.

2. What strategy do you follow for your study?

The strategy that i follow for my study are :

- I prefer time after the fajr salat.
- .Setup small, specific goals.
- Take one small step at a time.
- Use a time shedule.

3. What is your career goal?

My career goal is to secure a position in the field of Medical Research and Biotechnology.

4. What is your expectation from this worksop?

My expectation from this workshop. is to get knowledge for proper pathway in the field of STEM. And how STEM help women for her higher education.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, i feel more motivated because the professional enhances our knowledge in the field of STEM. But the main thing that motivated me alot is any kind of obstacle that come in our life that can be anything doesn't matter. just go ahead and acheive your goals.

2. Do you feel that you have a better strategy for your study?

yes, As Miss Nahar suggested us that we should give 2hrs within 24hrs to the "science" subject and from that i felt a better strategy for my study. Apart from this we should also go through new research or invention in the field of science to enhance our strategy.

3. Do you have a better understanding on how to achieve your career goal?

yes, Because from this workshop now i am more clear about my goal that how to secure a position in the field of medical research.

4. Do you feel that this workshop has been useful?

yes, i felt this workshop much useful for me because many new things i got to know here that will help me very much in my further studies

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: ASFA KAMAL, Subject: BIOTECH., Student/Teacher/Alumni

Institution/Company PATNA SCIENCE COLLEGE, Address: PHULWARI SHARIF, PATNA

1. What motivated you to choose STEM subject?

As, I am a science student & I love to gain knowledge, ideas about researchs, technology & life sciences. STEM (Science, Technology, Engineering, Mathematics) as name suggests, it is challenging, diverse & full of opportunities. So, this is the my field to flourish.

2. What strategy do you follow for your study?

I like to study in morning & night or whenever I found myself relax & in stable mind. For me, quality learning is more important than quantity. So, I believe to ~~be more~~ acquire knowledge from wherever I it comes not only at my classes or study table.

3. What is your career goal?

My goal in life is to do better & better in my life. For sure, my interest is in the field of research in medicine & to become a Scientist & represent my country worldwide.

4. What is your expectation from this worksop?

For students, learening will be the first & major expectation from anywhere. So, as a biotechnology students, this workshop will help me to diverse my knowledge & will give boost to my career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

There is no 2nd thought in this. Obviously after knowing or going through this productive workshop, I am somewhat more motivated & have crystal clear idea of what will be the next step for me to do better & better.

2. Do you feel that you have a better strategy for your study?

Mentors or Guidance is very essential for a person to flourish in their respective field. We just need to glance around to perceive what strategies & ways have been taught in this workshop by our WSR members.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I become more confident & have better understanding power to pursue in STEM field & also feeling of never giving up as all great inventors have succeeded from never giving up & ability to keep trying.

4. Do you feel that this workshop has been useful?

This workshop makes me know that STEM is so important for our region & country. We need to encourage the current as well as future generation to embrace the technology. Last but not least, a big thanks to WSR team$_2$ for planting ~~the~~ seed of interest that will grow for sure rapidly.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: AMITA, Subject: ZOOLOGY (HONS) Student/Teacher/Alumni

Institution/Company Patna women's college, Address: C/O SANJAY KUMAR "MANTUSHREE" R.M.S COLONY, ROAD NO-2 KANKARBAGH PATNA-800020

1. What motivated you to choose STEM subject?

→ I was always fasinated towards ~~science~~ Science. I find Science is ca subject in which you can research, you can have Queries and that too you can find your answers. Science field give you a chance to explore your ideas and Science can make your ~~the~~ experiments true. In today's era science is developing everyday and it give me more enthusiasm to know it better!.

2. What strategy do you follow for your study?

→ My strategy is very simple - I go through the notes which are provided by my teachers and then, I make my own notes with the help of books of different authors and lastly I make key points and mug up it in points.

3. What is your career goal?

I find my interest in research world. I want to explore, and I want to know Science and its world.

4. What is your expectation from this worksop?

Firstly, I am very privelleged to be a part of this workshop i.e; "WOMENS IN STEM ROAD SHOW". This workshop enlightens the team 'STEM' meaning (Science, Technology, Engineering and Mathematics). I want to learn, and know more about STEM fields by the ~~respected~~ respected proffessors. I want to knows their experiences and their ideas, which

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

well yes ofcourse, After attending the two days of workshop I feel much more motivated myself in further pursuing my carrier in 'STEM' Feilds. After attending the lectures i.e after ~~getting~~ learning experiences from the ~~professors~~ professors, Now I have got all the answers of my queries which I was having with me before this workshop. I feel myself more enthusiastic to get into STEM fields. Last but not least, I would really thankful to professors who~~to~~ give their time to accompained us in this field.

2. Do you feel that you have a better strategy for your study?

Now, yes after attending this workshop, I have get much more preposition to add up in my studies. With the help of professors and the alumni, I get to know about various competetive exams which I have to clear to get first step to study ~~at USA~~ in different universities of ~~usa~~ U.S.A.

3. Do you have a better understanding on how to achieve your career goal?

This workshop have enlightened me a path and that too helped me to plan a standard pattern to achieve my target after knowing about different examination like GRE, SAT and different courses like OERS, MOOC'S, I have so much thing to rely and to prepare for different examinations. It is very helpful for me in my upcoming journey.

4. Do you feel that this workshop has been useful?

Yes, ofcourse this workshop is very utilitarian, for me. I have learnt a lot of things that I was not knowing before and Now I ~~also~~ also have get so much apprehension about various course programms which I will seek ~~to~~ help to clear competitive exams

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: SUBHASINI RAJ, Subject: BIOTECH, Student/Teacher/Alumni

Institution/Company PATNA UNIVERSITY, Address: ~~DIGHA, PATNA- 800018~~ PATNA SCIENCE COLLEGE, PATNA

1. What motivated you to choose STEM subject?

Since, as a biotechnology background from higher School, the Implication of handling tool in lab has very much inspired to do something new. While, the motivated lecture produce by our co-ordinator in related to "STEM" has very much appreciate and applause me

2. What strategy do you follow for your study?

Strategy is simple which is concise and precise rather putting repetion or unwanted words which is irrelavant to scientific meaning.

3. What is your carecr goal?

As an aspirant, my career goal is to implement knowledge to be a better researcher in the field of biotechnology as a microbiologist.

4. What is your expectation from this worksop?

Expectation is high and very much awaited for it. May be, its a gate, to open my ideas and thoughts to give wings to my future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Obviously Yes. As the professionals emphasized the need for students persuing stem fields, it's motivated me a lot.

2. Do you feel that you have a better strategy for your study?

As S. Nahar ma'am suggested, one should give atleast 2 hrs to "Science" subject, I will increase this upto 3-4 hrs.
Yes I am, I never get indulge in any other odd line of my studies so I am not so confuse in regards to my strategy

3. Do you have a better understanding on how to achieve your career goal?

Yes. It's simple and now after this workshop I am full fleged straight forward to my career goal.. Thank you to make thinking clear.

4. Do you feel that this workshop has been useful?

Yes, This workshop is very much fruitful to me. I get perspective information related to accomplish my ideas in the field of science, if I get an opportunity.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SADQUA SOHAIL, Subject: BIOTECH., Student/Teacher/Alumni

Institution/Company P.U., Address: MTMGH, P.U., Patna, Bihar

1. What motivated you to choose STEM subject?

Being of the inquisitive kind & from the "era of tech & machines", I wanted to pursue something novel, but needed; hence the STEM subject.

2. What strategy do you follow for your study?

I tackle whatever is new & whatever is old, with equal passion & fervour. The course material & the articles or the research papers provide equal & enough fodder for this lab rat.

3. What is your career goal?

To evolve & elevate my mind and to inspire others in their pursuit of happiness, new discoveries, whether they be scientific or regarding other realms of nature.

4. What is your expectation from this worksop?

I expect an insight & a foray into the scientific way of thinking in the pursuit of my goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I already was, but yes, I do. So, thank you.

2. Do you feel that you have a better strategy for your study?

While pursuing Masters, one should already have a good strategy & stick to it. I had one, but yes, I do. So, thank you.

3. Do you have a better understanding on how to achieve your career goal?

All the professionals were very efficient & adept, I feel hopeful (more) towards my future.

4. Do you feel that this workshop has been useful?

yes, obviously. It has been very useful. Thanks a lot.

Women in STEM Roadshow

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: ADIBA KAYENAT, Subject: Industrial Microbiology, Student/Teacher/Alumni

Institution/Company Patna Women's College, Address: Patna Women's College, Patna.

1. What motivated you to choose STEM subject?

From the very beginning I was interested in Science Field especially Biology. So, I took the subject 'Industrial Microbiology' as I was keen to know about microorganism Present in our surroundings and how they interact with us. I also took this subject as it is quite different from other subjects.

2. What strategy do you follow for your study?

I prefer to study in the evening and night time.
I used to prepare my notes at and then study.
I used to complete a small topic at a time.
I believe in studying less at a time but with more focus, concentration and dedication.

3. What is your career goal?

My goal is to do M.Sc in Life Science and further Ph.D in the same field.

4. What is your expectation from this worksop?

I wish I would get to know something new and gain knowledge from this workshop. And I also want to how STEM helps women ~~in~~ ~~edu~~ for higher education.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated now by my choice of study in STEM field as there is many scopes in these fields.

2. Do you feel that you have a better strategy for your study?

I feel I can have a better strategy if I would do some research works and study recent research Papers. And we should also be up to date with scientific news

3. Do you have a better understanding on how to achieve your career goal?

By this workshop, I am now more clear about how to achieve my career goals. It was a very informative workshop. It will be very helpful for me for further studies.

4. Do you feel that this workshop has been useful?

Yes, I felt this workshop very beneficial for me. as I got to know many new things over here. And I am very glad to attend this this workshop. So, Thank You.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: SOFIYA YASMEEN, Subject: ZOOLOGY HONS (B.SC-III) Student/Teacher/Alumni

Institution/Company MAGADH MAHILA COLLEGE, Address: NEW AZIMABAD COLONY SECTOR-B.

1. What motivated you to choose STEM subject?

I am a science student. I am interested in life-sciences (esp. ~~Biology~~ Zoology).
Apart from these, I'm a technology enthusiast too.

2. What strategy do you follow for your study?

- Work (study) smarter and harder.
- Revise and re-revise the studied portion.
- Invent your own study techniques.

3. What is your career goal?

Maybe becoming a professor (Not decided yet).
It depends a lot upon what opportunities I get.

4. What is your expectation from this worksop?

I expect a great learning experience.
I hope it helps me choose the best path in my career ahead.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, definately. I feel more motivated and my vision and choice of study is more clear.
Through these sessions, workshops and great assistance, I feel I can continue my science studies without any hesitation, towards future.

2. Do you feel that you have a better strategy for your study?

I feel more focused and concentrated towards studies and how to study.
My approach towards study has improved and changed for better.

3. Do you have a better understanding on how to achieve your career goal?

Yes, Previously I haven't decided upon any career goal. But, now I feel free to opt 'STEM field' as my career goal.

4. Do you feel that this workshop has been useful?

This workshop on 'Women In STEM Roadshow 2018' has been an outstanding experience.
- It broaded my horizon and inculcated interest in STEM Fields, Research work and higher studies.

("I thank all my Respected Professors, Teachers, motivators, and all the people here who took this painstaking effort

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna ✓

Name: TASKEEN FATEMA, Subject: SCIENCE (B.Sc-Zoo Hons.), Student/Teacher/Alumni

Institution/Company MAGADH MAHILA COLLEGE, Address: CHISHTY MANZIL, AMAN COLONY ISAPUR, PHULWARI SHARIF, PATNA-801505

1. What motivated you to choose STEM subject?

- Motivation doesn't appear or arrive, actually it lies within us.
- I have chosen the STEM field (science) to excel in it.
- Explore and probe of science related topic, made me more enthusiatic to choose it.
- I have always been very much interested in life sciences especially in Chemistry and biology, and thereby elucidating it more and more.

2. What strategy do you follow for your study?

- Study isn't just before exams or assignment dues. Everyone has their own idea about time or the best place to study.
- In my context, the study place should be quiet and distraction free. Usually, I give 2 hours to each subject with small break
- Setting study time is easy but achieving it isn't. So, I am very resolute about my study time or duration. If I have set it out, means I have to do it.
- My strongest companion in my studies is the recalling habit I have.

3. What is your career goal?

- I always wanted to become a doctor. But unfortunately, I didn't made it.
- But I am happy that whatever I am pursuing now i.e. B.Sc with Zoology, I am contended with it. For me self-contentment is more important.
- I want to pursue science field further, wheather it be Masters or any Research field. INSHA-ALLAH!

4. What is your expectation from this worksop?

- I have applied for this workshop to gain knowledge of what I have never known about, in relation to science subjects' higher studies options, foreign recruitments in STEM fields.
- I expect this workshop of mine under STEM to a life giving and exploring exposure.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

- Of course! I do feel motivated. It was very much informative and interactive session for me.
- Now, I am very clear about my future plans.
- Especially, the Dr. Nasreen Haque and Karen Irving were much motivative.
- My vision for my future studies are now quite clear.

2. Do you feel that you have a better strategy for your study?

- Yes. I have gained alot here of various studies' strategies and techniques
- What is more important is to do hard work and self-resolved to achieve something.
- Dr. Sultana N. Nahar as she told about her daily routine of 2hours to revise ~~was~~, was very much persuasive

3. Do you have a better understanding on how to achieve your career goal?

- Yes, Now I am quite clear about it. Not only clear but quite strategised and systematised, whatever I have learnt from the researchers out here in the workshop.
- Earlier I thought it's to be a dream or challenge Now, I am patiently ready to accept that challenge.

4. Do you feel that this workshop has been useful?

- Absolutely, it was much than what I expected it to be
- I feel very fortunate to have it.
- It made me more clear about many a things that was before ~~was~~, like unsolved mysteries or alien to me.
- I am highly obliged to THE OHIO STATE UNIVERSITY for organising such activating and influensive workshop.
- At last, but not the least I am very thankful to Syed Hasanain for his excellent guidance in attending

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NAUSHEEN ISHRAT, Subject: MSC BIOTECHNOLOGY, Student/Teacher/Alumni

Institution/Company PATNA UNIVERSITY, Address: ASHOK RAJPATH

1. What motivated you to choose STEM subject?

The most prior source of motivation for me to Choose Subject STEM subject for my career prospect was getting a job in my Biotech field.

2. What strategy do you follow for your study?

The strategy I follow for my study is do revision and going through the Syllabus whatever the topics that are taught in the lectures.

3. What is your career goal?

My career goal is pursuing Phd

4. What is your expectation from this worksop?

My expectation from this workshop to promote the demand of Modern technology.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM fields because STEM provided the current knowledge. & knowledge gained through this field will eventually guide future research & intervention.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have a better strategy for my study. to memorize the things again & again, develop reading skill & concentrate on focus subject. ~~Don~~ In this way, I think that have a better & plan to study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I think that when I prepare myself correctly for my career goal then I will acheive my goal. Power of Planning, Patience, Hard work & most important thing, believe in myself can help me to acheive my goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been very helpful to motivate me. & introduced a lot of things that I didn't know about that. This workshop learned that learning methodology, how to prepare for career goal & introduced with the new technology.
So, I am very thankful to this workshop team.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shazia Hasan, Subject: M.S.C BIOTECHNOLOGY, Student/Teacher/Alumni

Institution/Company PATNA UNIVERSITY Address: NAWAB ABBAS ALI COMPOUND GUZRI BAZAR. PATNA CITY

1. What motivated you to choose STEM subject?

The most prior source of motivation for me to choose STEM subject because it include innovation.

2. What strategy do you follow for your study?

My strategy is to follow in our study is that is do revision and going through the syllabus whatever. Try to learn new things.

3. What is your career goal?

- Job in Pharmaceutical ~~Comp~~ company.

4. What is your expectation from this worksop?

Expectation from this workshop to develop more technology.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel stem field is more motivated because STEM provide innovative, more ideas and current knowledge.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have a better strategy for my study is Revision again and again. By making a story ~~use~~ or image we can learn fast.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I think that when I prepare myself correctly for my career goal. becoz I want to be independent as soon as possible.

4. Do you feel that this workshop has been useful?

Yes, I feel ~~it~~ as this workshop has been very useful.
STEM is the right direction to achieve career goal those who have no financial problem.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna ✓

Name: SHAIQUA IMAM, Subject: ~~BIOTECHNOLOGY~~ Student/Teacher/Alumni ✓

Institution/Company PATNA SCIENCE COLLEGE Address: ALINAGAR, B-24 ANISABAD PATNA-800002

1. What motivated you to choose STEM subject? Some of the points which motivated me to choose STEM subject are! -
- To support gender mainstreaming and increase gender equality in the field of STEM.
- The era of globalization & rapid technological development have changed people's lives dramatically. STEM play an extremely important role in the contemporary society.

2. What strategy do you follow for your study? ROLE MODEL : Barbara McClintok & Kalpana chawla.
- Planning the goals.
- Study smarter & harder after all hardwork pays
- Consistent daily study routine.
- Prefer to revise my notes after starting an assignment.

3. What is your career goal?
- To leave an everlasting impression in the field of Biotechnology. by implementing expertise in designing innovative projects e.g. DNA sequencing for the better faster and accurate techniques in the Medical Studies.

4. What is your expectation from this worksop?
- To get a platform where I can avail education and professional opportunities in STEM fields in United States by interacting with U.S. University alumini & promoting education in my country

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Ofcourse I got motivated. I really feel motivated. I will try more best to work in best in the field of STEM. Insha Allah.

2. Do you feel that you have a better strategy for your study?

Yes, Work heard with a clear vision.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I got many answer to my queries.

4. Do you feel that this workshop has been useful?

This workshop is really very nice with a prious aim to support females for higher studies.

THANK YOU.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna ✓

Name: GHAUSIA MUSHTAQUE, Subject: C.S.E ✓, Student/Teacher/Alumni

Institution/Company MACET, Address: Maulana Azad College of Engg. & Tech. Neoraguni' Patna

1. What motivated you to choose STEM subject?

I am B.Tech student and my branch is computer science (2nd year). To choose this STEM subject because of its scope for technical field. I also like computer and its functions.

2. What strategy do you follow for your study?

I always reads book available is our library or search google to know about our subject and gain. improve our knowledge skill.

3. What is your career goal?

I want to become software engineer. And after completing our B.Tech I want to ~~became~~ do M.Tech.

1. What is your expectation from this worksop?

From this workshop I expect how to can I develop our skill, and what things can help in our future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in of study in STEM fields because I realize that it is more important for job.

2. Do you feel that you have a better strategy for your study?

Yes, I feel I have a better strategy for studies because after attending in this workshop I feel that it is ~~better~~ will help in my future job fields and help to for higher studies.

3. Do you have a better understanding on how to achieve your career goal?

After attending this workshop, I have better understanding to achieve my career goal, because of this I can make my career more bright.

4. Do you feel that this workshop has been useful?

Yes, I feel that this workshop has been useful for me. And I am thankful for attending this workshop.

Director: Dr. Sultana [illegible] Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MEDHAVI KEERTI, Subject: C-S-E, Student/Teacher/Alumni

Institution/Company MACET, Address: MAULANA AZAD COLLEGE OF ENGG. & TECH. NEORA GAUNGI PATNA.

1. What motivated you to choose STEM subject?

I am B-Tech student. Computer Science Engg. (2nd year) I choose this stem beoz of its scope in technical field.

2. What strategy do you follow for your study?

I always reads an books related from my subject, and many times ~~study~~ with gagle only. I learn many things from google.

3. What is your career goal?

I want to become "Software Engineer". and after complete my B.tech to do M.tech.

4. What is your expectation from this [illegible]?

From this workshop I expect how to and how can I develop my skills, and what things can help in our future or career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in choicing of study in ~~Stem~~ STEM fields. Because I realize that it is more important in Job field, Market field.

2. Do you feel that you have a better strategy for your study?

yes, I hve a better strategy for studies, because attending this seminer I feel that it will help in my Job and higher study.

3. Do you have a better understanding of how to achieve your career goal?

After seen this program I learn ~~very~~ lots of things and I think my future ~~go~~ know bright. it also helps for my higher studies.

4. Do you feel that this workshop has been useful?

Yes, I feel that this workshop has been useful for me, I am thankful for attending this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: km. NIDHI YADAV, Subject: ~~Student~~ C.S.E, Student/Teacher/Alumni

Institution/Company MACET, Address: MAULANA AZAD COLLEGE OF ENGG of Technology NeoraGanJ PATNA

1. What motivated you to choose STEM ... ?

~~We are~~ I am From B.Tech Student from CS branch. I am motivated to choose this STEM Subject, beacuase of its Scope in technical Field. and also I like Computer and its Functions. I have choosen this STEM Subject, for improve the ~~tech~~ technologies by my Subject.

2. What strategy do you follow for you study.

I allways read many books which is related from my Subject. And I also use online facilities, and attened online classes. And preapare for exams by studying the five years latter question papers. by this I improve study. and this is my Strategy.

3. What is your career goal?

I want to become Software-Engineering. I want to develop the Facilities of Techanical. and I also ~~do~~ want to develop a program, or Software for Google.

4. What is your expectation from this workshop?

From this workshop I expected How to or How can I develop my skills, and what things can helps in our future. For a good Career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I Feel more motivated in choicing of study in STEM Fields. Because I realise that it's more important in Job Field. and also in marketing.

2. Do you feel that you have a better strategy for your study?

Yes I have a better Strategy For studies, because attending this Seminar, I Feel that it will help in my future in my Job Fields. and its helps For higher Studies.

3. Do you have a better understanding on how to achieve your career goal?

After this Seminar. I have better understanding to achieve my career goal, because of this I can ~~bright~~ make my career goal more bright. and its also helps For higher studies.

4. Do you feel that this workshop has been useful?

Yes, I Feel that this workshop has been very useFull For me, I am thankfull For attending this Seminar. And after attending this workshop I Feel, That many universities will help me in higher studies by Financily.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: SIDRA PERVEEN, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company PATNA WOMEN'S COLLEGE, PATNA, Address: BAILEY ROAD, PATNA

1. What motivated you to choose STEM subject?

STEM are internationally ~~to~~ traded subjects. Science is explorative, innovative and creative. Science for me developed my problem solving skills which are important for all kinds of job. It ~~gave~~ gives us lot of variety of work from studying human body, to animals and universe. And more than that it never bores me.

2. What strategy do you follow for your study?

I don't strategize much. I normally write down important topics and work that I need to do for a day and assign time that a particular work is going to take and take breaks every half an hour

3. What is your career goal?

I aspire to go for a research work because it offers student a huge diversity of career option.

4. What is your expectation from this worksop?

- It will help me to build my career ahead ~~of~~ in the field of STEM and know my strength and weaknesses
- It will help me to know about the career opportunities in this field outside India.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do. This STEM workshop helped me a lot to know more about this field and its study across India & and abroad especially USA and they made me to love science more than I ever did

2. Do you feel that you have a better strategy for your study?

After the workshop, I found some good strategies for my study by the various professors in the workshop. And the most important one is to stay focussed and be passionate in our dream. And we must try to keep ourselve updated with various journals and other report from the website.

3. Do you have a better understanding on how to achieve your career goal?

yes, they have quite a lot helped me in understanding ~~about~~ the procedure ~~and~~ to achieve my career goal

4. Do you feel that this workshop has been useful?

Yes, this workshop ~~was~~ had really ~~been~~ useful showing the path ahead in the field of STEM and putting the real picture of how to get in the university of USA and how things go there.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, ~~Patna~~ ✓

Name: ANKITA SHARAN, Subject: PCM, Student/Teacher/Alumni

Institution/Company PUBLIC CENTRAL SCHOOL Address: ~~BORING ROAD~~ ✓ ~~ADALAT GHAT, P.O.- BANKIPUR PATNA- 800 004.~~ → SAMASTIPUR

1. What motivated you to choose STEM subject?

My interest. I enjoy ~~it~~ science without any self loath. STEM education provides relevant learning, ~~for~~ proper strategy and reasoning. It's a good career, it has many scope and pays a good money. And this has drive me to choose STEM subject.

2. What strategy do you follow for your study?

I read a particular topic from books available. Then I go through the classroom notes. I also prefer internet. After amalgamating all these three. I make a flowchart. So, that I can have better deepened understanding. Even after putting all my efforts if I'm unable to understand, I ask for help from my teachers and friends.

3. What is your career goal?

I strongly want to make my career in ~~science~~ Physics field. I want to do a work I can be proud of and enjoy it with a good future. And yes, the most important thing I want to create a difference.

4. What is your expectation from this worksop?

My expectation from this workshop is that it will be a beacon of guidance. And will provide and guide me a proper implementation strategies, a clear approach and useful knowledge towards STEM. It will wash all the vague difficulties. And I heartly believe it is going to be a authentic workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated as there is no fog vision left. Now I know what are the things I have to look forward. I'm filled with more enthusiasm and I'm also more dedicated.

2. Do you feel that you have a better strategy for your study?

I feel ~~my~~ my strategy was good. But the strategy given by the workshop experts are also very useful and effective. I will definitely amalgamate the advices given by experts and my way of doing work, which will suit me. Thank you experts for your help.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have now better understanding on how to achieve goals. And all thanks go to the workshop expects, as they have ~~sho~~ given light to our unclear ~~dark~~ path.

4. Do you feel that this workshop has been useful?

Sometimes in the wave of change we find our true direction. This workshop has successfully achieved his motto. Yes, this workshop was very useful and very effective.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: BLESSY T SAJU, Subject: ZOOLOGY, Student/Teacher/Alumni

Institution/Company PATNA WOMEN'S COLLEGE, PATNA, Address: BAILEY ROAD, PATNA

1. What motivated you to choose STEM subject?

STEM is all about innovation and creating new knowledge and I love being creative and innovative. Its not always about the jobs but the way you love working in a field you choose to be in and STEM is the subject that I am really interested in.

2. What strategy do you follow for your study?

- I try to turn my lessons into stories which helps me to understand things better and memorise key details too.
- In case of subjects like Biology, I try to make as many diagrams and note down the key points which helps me work smarter during my examinations.

3. What is your carcer goal?

My career goal is to become an IFS Officer and I will try my best to implement on it.

4. What is your expectation from this worksop?

- To get a better understanding on how to achieve my career goal.
- To get more knowledge about STEM fields.
- To know others and to know myself and how to direct my paths to be successful in life.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do feel more motivated in my choice of study in STEM fields. Its not just to stay focused in our institutions but to expose ourselves to the research field out there that will take science to a next level. This will not just help to explore things but to explore ourselves too.

2. Do you feel that you have a better strategy for your study?

Yes, I do feel that I have a better strategy for my study. The most important strategy is to stay focused and work hard and this workshop helped me to understand this.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a better understanding on how to achieve my career goal now. I understood how to use my critical and analytical skills that will surely help me in achieving my goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been certainly useful for me. This workshop helped me to get a better understanding of my goals and has surely motivated me to be dedicated and confident and most importantly to believe in myself.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: ZEBA ANJUM, Subject: BSC ZOOLOGY, Student/Teacher/Alumni

Institution/Company PATNA WOMENS COLLEGE, Address: RAHMAT COMPOUND, OPP WITI, DIGHA GHAT PATNA-800011.

1. What motivated you to choose STEM subject?

- I had a keen interest in science subject. I wanted to become a scientist and it is my childhood dream. I prefer facts and I love to explore science. I think every women needs to study science. A nation can become strong if its women's are strong and being a science student, I want to make my nation as well as my parents proud.

2. What strategy do you follow for your study?

- As a zoology student, I spend most of my time exploring things. Every day, I revise the things taught in the class and I invest 50% of my study hour I revising the theory and rest in exploring, researching and extra-curriculars since there are many projects, research works etc. given by the college. Studying sciences easier when we find it interesting and do it in a fun way.

3. What is your career goal?

- I want to progress in the field of science and I want to become a professor and a scientist. I think being a professor is one of the best and satisfying career because one keeps spreading his knowledge and being a scientist is fun.

4. What is your expectation from this worksop?

I expect to get good career advice in the field of science and especially in the field of research and how to achieve a career goal despite of being financially not so good.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

→ Indeed, The workshop was very useful and It highlighted different opportunities to study in US.
Yes, I am more motivated towards stem fields and my enthusiasm has increased and I will like to continue my contribution towards science to the highest possible level.

2. Do you feel that you have a better strategy for your study?

Yes, I understood that not only theory but for a science student research is also important and one should be innovative and contributes towards research so that our overall career goal can be achieved.

3. Do you have a better understanding on how to achieve your career goal?

Yes, we have to be focused and determined towards our objectives and we should search ~~ways~~ new ways and opportunities.

4. Do you feel that this workshop has been useful?

Yes, The workshop I was very useful and It highlights different ways to apply and contribute to science field

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: Sindhu Kumari, Subject: Zoology (H), (Student)/Teacher/Alumni

(Institution)/Company P.W.C. "Patna", Address: AT- CHIKNAPATT, PO-DEVIPUR, THANA- RAGHOPUR DISTT- SUPAUL, THANA- RAGHOPUR, PIN-852201

1. What motivated you to choose STEM subject?

I was always fascinated about the world and its living beings since my childhood. I want to know everything about the existence of this world, biology of all the living beings. Great Researches done by different great scientists always motivated me to take science as my preferrable subject. Specially I am interested in all the living ~~organisms~~ organisms, that's why I choose the subject Biology for my study.

2. What strategy do you follow for your study?

At first I read my books, makes my own notes. Then, I carefully listen all the things taught by our teacher in my class and whenever required I asked questions from them. When I find anything new in the newspaper related to my subject, I Concentrate on that news and try to acquire more information about that. especially I focuses on new researches related to my subject.

3. What is your career goal?

I want to become a famous and ~~an~~ ideal doctor of the world. This is the main reason for choosing STEM as my subject. I want to do a lot of new research in medical field and want to serve humanity. Doing new researches in my subject is my priority.

4. What is your expectation from this worksop?

Actually I want to know more about the STEM subjects. I want to know new fields developing in STEM areas and also want to know different ways with the help of which I can do something new in this area, ~~and~~ which become more valuable to the world.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM fields. I become able to understand the different ~~fields~~ ways to ~~acti~~ with the help of which I can achieve my goal, I can do everything better in my field. I feel proud to be student of STEM field.

2. Do you feel that you have a better strategy for your study?

Yes, Now have more focussed mind, a good determination towards my goal and also have a better plan for my further study. I have to become motivated all the time and have to dedicate 2 hours daily to my study. I realise there is no substitute of hard work. So, from now I work hard to get it to my aim my goal.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I understand ~~how~~ what are the steps are which take me close to my aim. I have a very good understanding of ~~achieving my goal~~ the steps which can help me in achieving my career goal.

4. Do you feel that this workshop has been useful?

I feel that this workshop is useful. This workshop clears my vision. This workshop gave me ~~a m~~ a lot of knowledge about the different scholarships, and also gave me knowledge about the different university and their education programme for international students. This workshop gave me a lot of knowledge about GRE tests, TOEFL tests etc.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 9, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: ARFA, Subject: LIFE SCIENCE ZOOLOGY, Student/Teacher/Alumni

Institution/Company PATNA UNIVERSETY, Address: c/o MUNEER SAIFI H.NO-548 3RD FLOOR CHAUDHARY HOTEL LANE, SAMANPURA RAJABAZAR, PATNA-14

1. What motivated you to choose STEM subject?

The most prior source of motivation for me to choose a STEM subject for future carrer prospect was inclination towards life science, reading journals and new research.

2. What strategy do you follow for your study?

Firstly, I do thorough reading of the particular chapter, making out the important points. Then I used to prepare the notes in simplified manner for revision.

3. What is your career goal?

My career goal is to pursue the highest qualification in the same field.

4. What is your expectation from this worksop?

My expectation from this workshop is that I get acquired with the knowledge of modern technology.

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   Yes.

2. Do you feel that you have a better strategy for your study?

   After attending this workshop and leaving the scholars, I came to know many things that I was lacking. But with the best suggestions provided I feel I could improve it upto a level.

3. Do you have a better understanding on how to achieve your career goal?

   Yes

4. Do you feel that this workshop has been useful?

   Yes, of course.
   The workshop proved very useful especially in content with the minority as it helps to bring about the best by providing ample knowledge for their upliftment.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 09, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: ALBIYA ARCHABI, Subject: LIFE SCIENCE ZOOLOGY, Student/Teacher/Alumni

Institution/Company PATNA UNIVERSITY, Address: C/o WASI AHMAD, BEGUM LANE, OPP. SBI, MAHENDRU. PATNA-6

1. What motivated you to choose STEM subject?
The most prior source of motivation for me to choose ~~the~~ subject STEM subject for my future career prospect was inclination towards the life science, journals and!.

2. What strategy do you follow for your study?
The prominent strategy that I follow for my study is revision, whatever the topics that are taught in my particular lecture. I keenly revise it very day.

3. What is your career goal?
My career goal is to be a lecturer and to pursue ~~to~~ the highest qualification in my very subject "Life Science".

4. What is your expectation from this worksop?
My expectation from this STEM workshop is get acquainted of the demand of the modern technology in which STEM proficients play a vital role.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I do.

2. Do you feel that you have a better strategy for your study?

After attending this workshop & hearing the scholars, I came to know many things that I was lacking. But with the best suggestion provided, I feel I could improve it upto a level.

3. Do you have a better understanding on how to achieve your career goal?

Yes,

4. Do you feel that this workshop has been useful?

Yes, of course,
The workshop proved very useful for the womens belonging the minority by providing with them the best of the knowledge & platform for the upliftment.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: AMBER JABEEN, Subject: Science, Student/Teacher/Alumni

Institution/~~Company~~ Patna University, Address: 403- ASIF MANSION, INDRAPURI, Rd- No.-2, Raja bazar, Patna-14

1. What motivated you to choose STEM subject?

- It is one of the fastest growing job opportunity field.
- It makes the student critical thinker.
- It helps the student to reach out to masses.
- It enables inovation.

2. What strategy do you follow for your study?

① Follow the regimen set up by the Almighty for us, i.e. start the day with thanksgiving for a new life every day.
② Jot down plan for the whole day in which 3 hours of self-study is a must.
③ Work according to the plan. Discuss the problems with colleagues and teachers.
④ Reconcile everything in mind before sleeping.

3. What is your career goal?

To be part of a dedicated work force of an organization and achieve the targets laid down by the organization using the best of my knowledge and available resources and thus be a boon for the mankind at large.

4. What is your expectation from this worksop?

To get proper and genuine guidance by eminent scientists which could help me re-shape my career. I also expect to get information related to [1]post-doc courses in US and how I can apply for the same; and also for a career with a Ph.D. degree in Life-Sciences (Botany).

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. I do feel motivated. It will give me opportunity to interact with people working in different fields. Now after attending this educational session, I find myself aware of the different scholarships available, so I can guide others, too.

2. Do you feel that you have a better strategy for your study?

Yes, as I am a doctorate student, I would have been happier if I would have got more insights about post-doc degree from universities in US.

3. Do you have a better understanding on how to achieve your career goal?

Yes, STEM workshop guided me to apply to NASA for my post-doc.

4. Do you feel that this workshop has been useful?

Yes, I do feel that this workshop helped me to enhance my knowledge related to the channel of for application in US. It helped me to gain information as to how I can apply for my post-doc degree.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Nikhat Parveen, Subject: Science, Student/Teacher/Alumni

Institution/Company: Patna University, Address: Sabzibagh, Patna-4.

1. What motivated you to choose STEM subject?

STEM subjects are major fields of study. It offers a wide array of opportunities, diverse and challenging.

- Provides flexibility to pursue multiple career paths.
- provides high level of personal & job satisfaction.

2. What strategy do you follow for your study?

- Innovative & analytical study.
- Stay focused, hard work
- Remember your goal which you dream to achieve.

3. What is your career goal?

To be associated with a progressing organisation that provide an opportunity to apply my knowledge and skills to keep abreast with latest trends and technologies and to extend my hard work towards society and human welfare.

4. What is your expectation from this worksop?

- Provides guideline/pathway for teaching & research opportunities in USA. especially for minority women Students.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated after knowing its wide job opportunity abroad.
- It's the key to providing a thriving economy in any country.
- STEM education is pivotal as these fields changes the direction of humanity, and create a balance B/w and sustainability in the Natural world.

2. Do you feel that you have a better strategy for your study?

Yes, this workshop provided me the direction for educational focus towards improving my knowledge & enhance my understandings.

3. Do you have a better understanding on how to achieve your career goal?

My academic experience has provided me with an excellent foundation for my career and I will after completing Ph.D, I am looking forward to work in research field and gaining more research/practical work experience. So, my near term focus to be ready for future opportunities.

4. Do you feel that this workshop has been useful?

- Yes, as this workshop helped me to learn research-based strategies learning & teaching practices.
- It gave me the right direction which our four year course never gave.
- helps to generate new ideas.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: SABRAH RAHMAN, Subject: ZOOLOGY, (Student)/Teacher/Alumni

(Institution)/Company PATNA WOMEN'S COLLEGE, PATNA. Address: BAILEY ROAD, PATNA

1. What motivated you to choose STEM subject?

Stem allow variety for future opportunities after graduation. Stem careers are among the highest in initial compensation for recent graduates. It has an important impact on both local, national and global matters. For me stem subject is very interesting as it can make a positive contribution to society.

2. What strategy do you follow for your study?

Most important strategies of study is to manage time. I prepare weekly schedule for study, make notes. The most important is to be patient. If some time my strategies not work I try different strategy. Also when I find anything new in newspaper related to my subject I try to make my own notes on it.

3. What is your career goal?

I want to become a doctor and I will try my best to achieve my goal. This is the main reason for choosing STEM as my subject. I want to do lot of research in medical field and want to serve for humanity.

4. What is your expectation from this worksop?

- To know something new about STEM.
- To learn research-based strategic learning and practices.
- To collaborate with different students and teachers.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I feel that career choice in stem field is most engaging and lead to more polished production. It allows to be innovative and creative as it allow to do various research work which I feel is very interesting and motivated me about stem field.

2. Do you feel that you have a better strategy for your study?

Yes, now I feel very determined related to my strategies on study. Everyday I would give 2 hrs to science to know something new about it and prepare my own notes on it. I realise there is no substitute of hard work.

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I have a better understanding about my career goal. I need to build up competence and gain confidence. I don't end up my studies after graduation. I further go up with my mastery degree and do some kind of research related to my subject. I try my best to achieve it.

4. Do you feel that this workshop has been useful?

Knowledge gain through this workshop will eventually guide me in future to enhance motivation and capacity to pursue study in stem careers. This workshop present a tremendous opportunity to learn a great thing in stem fields which I feel is very useful to me. This workshop gave me knowledge about the different universities and their educational programme for students.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: IFFAT FATMA, Subject: Student, Student/Teacher/Alumni

Institution/Company MACET, Address: Haroon Nagar Colony Sec-2

1. What motivated you to choose STEM subject?

Many people who studied from abrad has a bright future which motivated me to choose STEM subjects.

2. What strategy do you follow for your study?

Work smart and work hard.

3. What is your career goal?

~~Doing work~~
Want a to work in multi-national company. which give me name & fame.

4. What is your expectation from this worksop?

This workship may give us opportunity to work in or study abroad and where I can apply my technical knowledge

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated in my choice of study in STEM fields. and ~~read~~ I have ~~to~~ what I have to do which ~~is~~ mostly in research field and do preparation for GRE &

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have better strategy for study but if there is another strategy which I choose wrong then definitely I will change my strategy.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a better understanding to achieve my career goal. by doing hard work on GRE with 80+ percentile, researches and letter of preferences which explain it here very well.

4. Do you feel that this workshop has been useful?

Yes, I feel this workshop will be useful because ~~you all are doing so such hard work to build women~~ career in our country you all are explaining and elaborated things very well & clear my doubts regards to ~~edution or~~ education in US and familiarize all the criteria they

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yeah, I feel so proud and exited to be a part of STEM subjects. STEM is not only about studying and getting mark. moreover it mainly focuses on research work that we can do after our masters.

2. Do you feel that you have a better strategy for your study?

As far as study is concerned, it should be our prime job but along with this, we should focus more on research works and projects.
For all these jobs, we must require a 'Mentor'.

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I think I'll give more attention in research field. I am a zoology student, there is a large scope in field of research

4. Do you feel that this workshop has been useful?

This workshop was very useful for me as I get to know a lot about USA universities and how to apply there. The whole procedure was explained and now I know everything about how to apply and get admission in universities of USA.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: SHAFIA AMBREEN, Subject: B.Sc HONS. ZOOLOGY, (Student)/Teacher/Alumni

(Institution)/Company PATNA WOMEN'S COLLEGE Address: BASWARI, QAZI COLONY, PHULWARI SHARIF, PATNA.

1. What motivated you to choose STEM subject?

Since childhood I have been motivated by my parents and teachers to know science behind everything. I was always curious to know how even microorganism are programmed so intricately that they work with such efficiency. So, I took up zoology which is one of the STEM subject.

2. What strategy do you follow for your study?

I use 75:25 strategy. I devote 75% of my time in keeping up with the syllabus & staying up to date with the development in my field and 25% of my time to know more about recent development in different field of STEM.

3. What is your career goal?

As I am more interested in knowing the chemistry behind living, I plan to take biochemistry in one of the deemed university after completing my BSc.

4. What is your expectation from this worksop?

I will get to know more about different subjects of STEM and study in USA.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Smriti Mishra, Subject: Zoology., Student/Teacher/Alumni

Institution/Company Patna Women's College Address: Arpana Bank Colony, Ramjaipal More, Patna-800003

1. What motivated you to choose STEM subject?

Science Technology, Engineering and Mathematics is a great field for acquiring knowledge in field of inventions, researches. And I like to know reasons behind some of the major events that happens in nature through studying Science.

2. What strategy do you follow for your study?

Before getting any knowledge we should make sure if we are really interested and enthusiastic about that very subject. If we have this we have and get a self interest in studying that subject. We need to concentrate and get into deep whatever we have chosen.

3. What is your career goal?

My career goal is to do research in zoology field and have a good qualification from a best institution.

4. What is your expectation from this worksop?

I expect from this workshop to encourage me more and more in this field and show me the right path to do my further studies in this field.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I felt very much uplifted and acquired skilful informations regarding Science, Technology, Engineering & Mathematics; and Education in U.S.A.

2. Do you feel that you have a better strategy for your study?

I feel incentive after attending this workshop and now I know much about this field that will help me further to elaborate my studies. I learned from this workshop to atleast give 2hrs minimum in research field if there will be and in science

3. Do you have a better understanding on how to achieve your career goal?

To some extent I know now that after studying this subject i.e Science what are the possible career goals I can go for.

4. Do you feel that this workshop has been useful?

This workshop was very informative in letting me know education of USA, applying for the same, importance of studying Science, making an effective resume and the importance of doing researches.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 05, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: MAHWISH FATIMA, Subject: Student, Student/Teacher/Alumni

Institution/Company NSIT., Address: Haroon Nagar 100/2 Phulwari Sharif, Patna

1. What motivated you to choose STEM subject?

The only motivated about the STEM subject is ~~the~~ to get the bright future.

2. What strategy do you follow for your study?

Hard work and Smart working.
Do my best. In simple working Hard In a Smart way.

3. What is your career goal?

~~The~~ Designing in a multi-national Company, which gives us an opportunity to utilise my talent.

4. What is your expectation from this worksop?

The expectation from this worksop to get a golden opportunity and use my knowledge in a right path.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM feilds. After attending the workshop my willingness to study in US increased. Now, I have tried all the possible way to get study in USA.

2. Do you feel that you have a better strategy for your study?

Yes, I have a internal feeling that I have a better strategy for my study. My only strategy is get the admission in US college and enhance my future.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have. Now I want to Research on any topic of citizen Science Project, good marks in GRE and the last a letter for prefference.

4. Do you feel that this workshop has been useful?

Yes, Obvious. I have a strong feeling that this workshop has been useful for all of us. My knowled is increased after attending the workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: AYESHA TABASSUM, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company MAGADH MAHILA, Address: NEAR S.B.I BANK, KURJI PATNA

1. What motivated you to choose STEM subject?

I am a science student. I like to goes in the field of technology, or related to sciencea I choose it because ~~hete~~ I get a ~~chance to intelact with~~ different people, ~~different opion~~ opinion. It is a subject which can easily handle and very intesting to Read.

2. What strategy do you follow for your study?

The strategy regarding studies is that imagination science is subject in which you ~~have to~~ can relate everything with the universse it is a practical subject which I chooses, that is chemistry. I love to Read this subject

3. What is your career goal?

To day when I heald the word career. I cannot stop myself to think about Passion, talent, ambition, future my aim is to work for the betterment of society and help to poor and unprivileged people of society

4. What is your expectation from this worksop?

The expectation from this workshop is that here I get a chance to learn something different. which can change my life or give a reason for the work for the betterment of society

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, I feel more motivated in chosing STEM field. because after this workshop I come to know that there is lot of opportunity in this field. just we need to explore.

2. Do you feel that you have a better strategy for your study?

→ yes, ~~it~~ I think ~~it~~ is It is better strategy but need to improve something. STEM is not that much easy that I feel. we need to give more time. what ever study I have to apply in our daily life.

3. Do you have a better understanding on how to achieve your career goal?

~~yes, I b get~~ after this workshop I get a better understanding on how to achieve your career goal. how to plan for the future study

4. Do you feel that this workshop has been useful?

yes, this workshop is very useful. here I get to know many things. new ideas, how to explore my studies. get a path how to apply for abroad education, what is criteria etc. we also learn difference between Resume & CVV. lot of things I get know here It is the best workshop of my life.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: MAHIM KHAN, Subject: ZOOLOGY (Science), Student/Teacher/Alumni

Institution/Company MAGADH MAHILA, Address: MADARSA GALI, ISA NAGAR, NAYA TOLA, PHULWARISHARIF

1. What motivated you to choose STEM subject?

Motivation to choose science comes from my vision, my goal As I have taken science because I have much more interest in Pre-Medical.

2. What strategy do you follow for your study?

I beleive in regular studies not studying before exam. As far my concerned regular studies enhance our Knowledge and it doesnot escape with time.

3. What is your career goal?

→ I wanted to become a doctor but unfortunately of unknown reason and some lacking in my knowledge I haven't cleared it. So, I have decided to become self dependent and stay focussed on my studies and now my studies will only lead to the path which I will take it sportingly.

4. What is your expectation from this worksop?

This is my first worshop so, I have lots of expectation from this workshops. This workshop will help me to enhance my knowledge.

THE OHIO STATE UNIVERSITY

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel motivated going through this session of lecture. my vision and opportunity to have studies in STEM field will cleared.

2. Do you feel that you have a better strategy for your study?

Yes. After going through session one more thing I would like to add in my studies ~~that~~ that I don't want to keep memorizing all stuff mention in book. I just have to go through and bring in practical life.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have better understanding in achieving career goal going through ~~the~~ 'STEM' field.

4. Do you feel that this workshop has been useful?

Yes, this worshop was very useful for me. Yet, I know there is studies for student in foreign university ~~of India~~ but, I don't know how to get connected to them through studies. But, OHIO UNIVESITY Provided us path for be like student. Thankyou so much for motivating us..

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 05, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: SHABISTAN JABIN, Subject: STUDENT, ~~Student~~/Teacher/Alumni

Institution/Company P.W.C, Address: ROAD NO. 1D, HOUSE NO. 207-A NEW PATLIPUTRA COLONY.

1. What motivated you to choose STEM subject?

Quest for knowledge.
Being a science student I was looking forward to this subject.

2. What strategy do you follow for your study?

Regular study and Revision

3. What is your career goal?

Research work

4. What is your expectation from this worksop?

To know about different career option related to my subject.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

~~Yes~~ I could not get much information about my subject Zoology -

2. Do you feel that you have a better strategy for your study?

yes, this workshop has given me an idea about how to manage my time and give more time ~~for~~ to my studies.

3. Do you have a better understanding on how to achieve your career goal?

yes. Regular study and also be connected to various websites like MOOC, Citizen Science project. etc

4. Do you feel that this workshop has been useful?

yes. It has been ~~g~~ useful in terms like how to write an effective resume for addmission or job and how to fill the passport -

THE OHIO STATE UNIVERSITY | Women in STEM Roadshow

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SHAFFL ASHRAF, Subject: ~~MICROBIOLOGY~~ INDUSTRIAL MICROBIOLOGY ✓, Student/Teacher/Alumni

Institution/Company PATNA WOMEN'S COLLEGE Address: BAILEY ROAD, PATNA

1. What motivated you to choose STEM subject?

Ever since my school days I have been good at Science. I have always found it more appealing than other subjects (except creative writing). Science was the only subject and still is, that got my adrenaline rushing out of excitement and thirst of knowing "what's next?" or "what's more?" and I am being totally honest. I tried to fulfill my Grandpa's dream of me being a doctor but somehow it didn't work out. But I guess you can't burden yourself with someone else's dreams. But my grandpa and my mom made my happiness their priority, and that's how I chose something that quenched my thirst and that was Microbiology.

2. What strategy do you follow for your study?

I prefer studying in wee hours (before Fajr) as my learning ability is at it's best at that time.
During day time I deal with my assignments and take notes, and make sure to get to bed early so that I can get atleast 7-8 hrs of sleep before I get up for my studies

3. What is your career goal?

My career goal is to grab my Phd, spread the knowledge I gained, motivate and nurture younger scientific minds for a more developed nation and world.
In short I wanna be a Professor

4. What is your expectation from this worksop?

I hope I will get a ~~chance~~ clear vision of the path to a brig-hter future ~~with~~ an even more brighter career. I think it will be a highly knowledgeable experience that will not only help me create a mind map leading me to the higher level of studies but also help me in shaping my career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Of course! I feel a lot more motivated and totally excited to continue with my choice of study, i.e, MICROBIOLOGY!!!!

2. Do you feel that you have a better strategy for your study?

Yes, I do. My mind is currently flooded with hundreds of strategies (OK, may be not hundreds" but "many") that I can apply to my studies and achieve more than I thought I ~~can~~ ever can.

3. Do you have a better understanding on how to achieve your career goal?

Yes!! I do. I really did get a mind map set in my brain to a path that will definitely make me reach my career goal.

4. Do you feel that this workshop has been useful?

Yes definitely!! It was much more useful than I thought it would be. All my expectations were super fulfilled! And I just feel like that I will start working on myself and on my science and will start walking on the path that this workshop showed me, from today, Yes from TODAY itself!!

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: HARSHITA KUMARI, Subject: IMB, Student/Teacher/Alumni

Institution/Company PATNA WOMEN'S COLLEGE Address: Patna (Bailey Road).

1. What motivated you to choose STEM subject?

I choose STEM because it provides a platform for the better carries oppurtunity to girls so that they have a secure future only depending on themselves.

2. What strategy do you follow for your study?

I believe in quality study rather than quantity study. I try to do regular studies and revision is also included in my schedule. Starting with the basics and then building up concepts.

3. What is your career goal?

I want to persue Post graduation in medical microbiology and further want to pursue in research ~~so that~~ related to my field.

4. What is your expectation from this worksop?

I expect that this workshop will boost my confidence as well it provide a change to interact with others also and I hope it will prove to be a golden chance for my future studies

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?
Ofcourse, I feel more motivated ~~and pursuing study~~ in my choice of study in STEM field. ie pursuing microbiology.

2. Do you feel that you have a better strategy for your study?
Yes I feel that I have a better strategy for my study as this workshop ~~has~~ acquainted me with various opportunities in STEM field which I was unaware of.

3. Do you have a better understanding on how to achieve your career goal?
Yes, I got a handful of knowledge about the challenges all over the world and the cut throat competition so its ~~time~~ better time to prepare myself.

4. Do you feel that this workshop has been useful?
Yes I feel that this workshop has been useful for me. It provided me information for applying in USA and informed me about various scholarship programmes running out. and surely it would help me to in shaping my future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna ✓

Name: Rugaiya Maryam, Subject: TMB, Student/Teacher/Alumni ✓

Institution/Company Patna Women's College, Address: Patna (Beiley Road)

1. What motivated you to choose STEM subject?

I choose STEM subject because it is interesting, full of facts, gives us practical knowledge.

2. What strategy do you follow for your study?

I follow the strategy of Reading, re-read then try to understand by putting it in day to day life, This keeps me active while studying. Makes the point interesting and gives me concept hidden behind that topic.

3. What is your career goal?

My career goal is to do M.Sc then Ph.D or go for Research

4. What is your expectation from this worksop?

My expectations from this workshop is if I am worthy enough I could get Scholarship, knowledge about which field we should Choose in our future.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I felt motivated in our choice of studying in STEM fields. In future we can do research related to STEM go for teaching in US, do fellowship under professor guidence., discover something.

2. Do you feel that you have a better strategy for your study?

Yes, Now I have a better strategy for study I will give 2 hrs time for interlectual Thinking about science, detach myself for that particular period of Time.

3. Do you have a better understanding on how to achieve your career goal?

Yes, Now I have a better Idea to achieve our career goals. Now, I have better idea of challeges we will face in future, We should try for Merit for The We should have strong Grades with -that we should have Contact Reference, better Application concept.

4. Do you feel that this workshop has been useful?

Yes, This woorkshop was useful as I felt. This provided information how to apply in Us Universities, various scholarships, how get enrolled in various Research & program running accross the globe.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ayisha Haque, Subject: ~~Microbiology~~ Industrial Microbiology Student/Teacher/Alumni

Institution/Company Patna Women's College Address: Bailey Road, Patna

1. What motivated you to choose STEM subject?

I choose STEM because it gives opportunities to minority based women or girl in various field of education. as in science, technology, engineering. That motivated me to choose STEM. And as I have more read and researched about STEM, I have come across intersting personalities and to learn from them through this workshop motivated me.

2. What strategy do you follow for your study?

For studies I think the most important is to learn the concept and obviously the contributions made by different people for building that concept. The practical experience is also important for studies. As a student of Microbiology, I spend most of the time understanding and practically experience the concept which I study.

3. What is your career goal?

My career goal is to pursue post graduation in applied Microbiology and further PhD in this field only. That's ~~what~~ is till now my career goal which I want to achieve. and further to develop innovative ideas to help in the field of Science.

4. What is your expectation from this worksop?

My expectations are very much high from this workshop as it will give a good opportunity to girls and as it is unique in its way. I am ~~to~~ expecting to get a good and helpful advice in

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, of course. I feel motivated in the study of STEM fields. After this two day workshop, I feel that it is not so easy in the field of Science to contribute but after the experts in STEM fields talked about their experiences I feel that it is matter hardwork and courage.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I will have better strategy for my higher studies.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I do. After listening to Dr. Nasreen Hagee, It is clear to me that focus and determination can lead you to achieve success in every field. and Also Prof. Karen and Prof. Sultana's experiences helped me a lot to understand that how achieve goal in life.

4. Do you feel that this workshop has been useful?

Yes, this workshop has been useful in so of ways. Firstly, it gave all women a clear concept that we are half of intellectual powers of the world. Secondly, it gave me an insight about technical terms like in how to fill your name in passports and lastly about different scholarships program and a lot more which will be very useful in my

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 05, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: NAZISH PERVEEN, Subject: IMB., Student/Teacher/Alumni

Institution/Company Patna Women's College Address: Patna (Bailey Road) ~~800105~~

1. What motivated you to choose STEM subject?

- STEM is an acronyme for Science, Technology, Engineering and Maths. STEM skill allows us to manage our food & water supplies, promotes health wellbeing & develops global productivity and economic growth
- It is fully minorities based worksop for young girls, women who want to develop there education. Second thing is that it may provide so many scholarships for deserving student.

2. What strategy do you follow for your study?

- Set myself goal → Outline my revision plan by setting myself goal to achieve
- Tick of completed Tasks → Define what tasks I need to complete in order to achieve my goal.
- Keep Track of what I achieved our timline feature will ensure. I never miss a due date again

3. What is your career goal?

My career goal is to do MSc. in life Science and after also wanna do PhD in the same field. and. want job in government Sector. (Grade 1 officer).

4. What is your expectation from this worksop?

My expectation from this worksop is very high. Because it is just like a golden opportunity for me. or for my further future (for my higher education).

Director: **Dr. Sultana N. Nahar, The Ohio State University, USA**

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in ~~STEM field.~~ STEM field. This workshop is come to me as a renewed motivation to pursue my goal.

2. Do you feel that you have a better strategy for your study?

Yes, After attending the STEM workshops, Now I have a better strategy for my study. This workshop really help me a lot to achieve my goal. Now, I'm going to follow the STEM strategy, whatever it teach me for achieving my goal.

3. Do you have a better understanding on how to achieve your career goal?

After attending STEM workshop yes now, I have a better understanding on how to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes, of course. I feel that this workshops has been very useful. This workshops help me alot in my higher study. After attend this STEM workshops now, I have lot of ideas about my field. $\mp_2$

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, of course I feel more motivated in my choice of study in STEM fields. This workshop came to me as a renewed motivation to pursue my goal and found my enthusiasm rekindled.

2. Do you feel that you have a better strategy for your study?

There I think I need to make some changes for a better learning process. As Prof. Sultana. N. Nahar said, "each day we should give atleast 2 hours for oneself nourishment"; which I liked the most. I will definitely apply this to my studies.

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I feel I have got immense knowledge on achieving my goals. The confusions are clear now. Now, I have a clear picture of how to achieve my goal.

4. Do you feel that this workshop has been useful?

Of course yes. This workshop proved really useful to each one of us. From setting a goal to achieving it, they made it all clear. Therefore, I am looking forward to be a part of STEM Roadshow.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: MARIYA KAUSAR FARIDI, Subject: INDUSTRIAL MICROBIOLOGY, Student/Teacher/Alumni

Institution/Company PATNA WOMEN'S COLLEGE, Address: BAILY ROAD, PATNA

1. What motivated you to choose STEM subject?

⇒ Today's world is revolutionised by science, this century belongs to science and technology. We have a number of possibilities in this field and there's enough to do inventions.

2. What strategy do you follow for your study?

⇒ My main objective is to maintain a strong grip on my routine and I develop a habit of writing and more emphasise is always ~~on~~ doing or learning things practically.

3. What is your career goal?

My goal is to be a scientist. I wish to do such researches which will have social benefits for our country.

4. What is your expectation from this worksop?

I except this workshop will be of immense knowledge which will help us in achieving our goals. I am looking forward to it.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SABIHA SADIQUE (Faculty), Subject: MATHEMATICS, Student/Teacher/Alumni

Institution/Company AYUB URDU GIRLS H/S, Address: LAL BAGH, ASHOK RAJ PATH

1. What motivated you to choose STEM subject?

Realising my interest and strength in Mathematics in my early school days, I decided to pick up the subject as life long compation.

2. What strategy do you follow for your study?

Before going to take my classess for a particular day, I just read the subject matter in the morning for an hour or two adding if any new way of understanding concepts that I realise on the way

3. What is your career goal?

To deliver my knowledge in the best possible way and easiest to comprehend.

4. What is your expectation from this worksop?

I think it will increase my level of knowledge. and c.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I feel more motivated and feel a Satisfaction for my choice of Study in STEM field. In fact STEM Subjects Specially Mathematics is nothing but the real practice of life.

2. Do you feel that you have a better strategy for your study?

Yes, young generation can have a better Strategy for his study.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I have a better understanding on how to achieve my career goal but at last Stage of my career it is in vain for me.

4. Do you feel that this workshop has been useful?

Yes, it was very useful for me. I Knew how can I suggest my Students as well any member of Society for studying in us-

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 05, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: PINKI KUMARI, Subject: INDUSTRIAL MICROBIOLOGY, Student/Teacher/Alumni

Institution/Company PATNA WOMEN'S COLLEGE, Address: _____

1. What motivated you to choose STEM subject?

STEM provide us the further opportunities for higher studies STEM careers are among the highest in initial compensation of recent graduates.

2. What strategy do you follow for your study?

Follow the time table, proper routine.
Make proper notes.

3. What is your career goal?

My career goal is to do M.Sc in Food microbiology. Then further P.HD

4. What is your expectation from this worksop?

I expects alot from this worksop;
- To improve personality.
- Interaction with unknown people.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I felt motivated in my choice of study in STEM fields. It was a very big achievement for us to attend this workshop.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have a better strategy for my study. Now, I will work harder now & more focused on my career.

3. Do you have a better understanding on how to achieve your career goal?

After this workshop, somehow I have better understanding to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes, this workshop is very useful for me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna ✓

Name: SUMAIYA AHMAD, Subject: microbiology ✓ Student/Teacher/Alumni

Institution/Company Patna women's college, Address: Patna

1. What motivated you to choose STEM subject?

STEM offers a wide range of opportunities. It have flexibility within our profession to pursue multiple career paths. It give high level of personal and job satisfaction.

2. What strategy do you follow for your study?

- I make task list to keep track of things you need to do on a daily basis.
- I make a weekly or monthly schedule to get an overall picture of when I will be busy & when I am free and study in free time.
- I write the thing I learn.
- I used to be patient and flexible.
- I reread the thing taught in class.
- Concentrate on study to get most knowledge.

3. What is your career goal?

I want to gain more and more knowledge.
I want to establish my own business.
I want to take both things together (duniya and aakhirah).

4. What is your expectation from this worksop?

To seek knowledge, public communication, interaction with new people.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

It was a biggest achievement for me, and interest in Science. It enhances my knowledge about abroad universities. Miss Nahar motivated me very much. The guest and other were key to success in STEM majors & career.

2. Do you feel that you have a better strategy for your study?

Yes, I feel I have better strategies for my studies. I ~~have~~ follow rules in my studies and concentrate on it. I have good teachers in ~~to~~ my college for guidance. My college (Patna Women's college), helps me to introduce new thing's trending in Science and in moving further.

3. Do you have a better understanding on how to achieve your career goal?

Not much, I mean earlier I was not much understanding but after attending this seminar I really feel good after this seminar. I want to achieve my career. and want to do research on cancer.

4. Do you feel that this workshop has been useful?

Yes, It was very useful for me. It teach me to introduce myself to new thing's and also give me knowledge to study abroad.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: SANA SUBHANI, Subject: ZOOLOGY (B.Sc), Student/~~Teacher~~/Alumni

Institution/Company: PATNA WOMENS COLLEGE, Address: Bailey Road Patna

1. What motivated you to choose STEM subject?

I choose STEM because it is accurate in my course when I go to college. STEM helps me to give a little light about my lessons in my college life.
STEM is a curriculum based on the idea of educating students in four specific disciplines - STEM, in an interdisciplinary and applied approach.

2. What strategy do you follow for your study?

My strategy in study so is not so much. I use to work hard. Try to write important topics and learn something more & more. Review my notes on a weekly basis to prepare in advance for exams & keep them fresh in my memory. Practice questions based on old exams or make answer by own

3. What is your career goal?

My career goal is to go in research field & technology.

4. What is your expectation from this worksop?

It will help me out to choose my better career and opportunities to the field out of India for better jobs & more education

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM fields. My intrest in the science field & technology is increased with the helps of all the member of STEM field. Thanks to Dr. Ewing for motivated me.

2. Do you feel that you have a better strategy for your study?

No, I don't think so, but after attended this work shop I am very inspire & apprecia ate of all member of STEM field. for better Idea of study & work hard & not shy to any place.

3. Do you have a better understanding on how to achieve your career goal?

Yes, now I feel after this wonderfull work shop. This given me a great idea to achieve some better & better

4. Do you feel that this workshop has been useful?

Yes, it is useful for my better education in US

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 05, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Alina Nesar, Subject: Industrial Microbiology Student/Teacher/Alumni

Institution/Company Patna Women's College, Address: _____

1. What motivated you to choose STEM subject?

There One of the basic reason, is the flexibility there are many different areas of specialization within any STEM major.

2. What strategy do you follow for your study?

I, usually start my study one month before the exam.

3. What is your career goal?

Currently, proceeding my graduation & planning for masters in food microbiology.

4. What is your expectation from this worksop?

→ I will try to have maximum interactions
→ I will gain knowledge as much as I can

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I felt motivated after listening thoose sessions.

2. Do you feel that you have a better strategy for your study?

No, till now I am not following a better one but will plan & strategize my schedule for study.

3. Do you have a better understanding on how to achieve your career goal?

I have to be confident, shyless to some extent & should have full faith on myself.

4. Do you feel that this workshop has been useful?

Ofcourse yes, no doubt.
This workshop made ~~th~~ my view simple ~~and~~ for ~~thkin~~ applying for my higher studies at U.S.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Firdous Alim. , Subject: medical, Student/Teacher/Alumni

Institution/Company _____, Address: Ayub Urdu Girls School, Patn

1. What motivated you to choose STEM subject?

My passion to become a successful doctor motivated to choose me this STEM.

2. What strategy do you follow for your study?

I go to institutes for my studies and I also do self study properly.

3. What is your career goal?

My career goal is to become a cardiologist.

4. What is your expectation from this worksop?

My expection from this workshop is that it will help muslim girls to achieve their goals. and to reach their ambitions.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes. I feel more motivated in my choice of study in STEM field. There are many stairs which will help us to get us there to our particular goals.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that I have better strategy but I can and I want more of strategies for studies so, that our skill will enhance in order to live a Successful life.

3. Do you have a better understanding on how to achieve your career goal?

Yes. I have a better understanding about achieving mine career goal. I will achieve it by my hard work and dedication towards science and researches.

4. Do you feel that this workshop has been useful?

Yes. This workshop is very useful in motivating us towards our career goals. This workshop has given many tips on enhancing our skills towards science and to get a Successful life and how to utilize our time.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Ashba Kamal, Subject: medical, Student/Teacher/Alumni

Institution/Company _____, Address: Ayub Urdu girls School, Patna

1. What motivated you to choose STEM subject?

It was my interest in medical Session and my dream is to want a good doctor.

2. What strategy do you follow for your study?

I go to Institute for studies and I follow the rules for study which is make by my teacher.

3. What is your career goal?

My goal is want to became a doctor.

4. What is your expectation from this worksop?

My expectation from this workshop was to benefit for muslim girls and all other girls whose aim is high.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes! I feel more motivated of Study in STEM field because in this field there are many facilities which are not in other field.

2. Do you feel that you have a better strategy for your study?

Yes! I feel that I have a better Strategy for my study and after this workshop the teachers also help to app in how to applying Strategy for my study specially for my career.

3. Do you have a better understanding on how to achieve your career goal?

Before workshop I have no idea on how to achieve my career goals But, after this workshop it gave me a better understanding on how to achieve my career goals.

4. Do you feel that this workshop has been useful?

Yes I feel very lucky to became a part of this workshop because this workshop is was very useful for us. it gave me a knowledge and it is motivated me for my goal

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: ____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Afia Jasica, Subject: medical, Student/Teacher/Alumni

Institution/Company ____, Address: Ayubschool

1. What motivated you to choose STEM subject?

It was my, mystery in medical motivated to choose me ~~that~~ this STEM. And i also interest in Science field.

2. What strategy do you follow for your study?

Yes, strategy i follow my study because i want to be a doctor. I go to study in school [redacted]. I hope my study ~~in~~ was good.

3. What is your career goal?

My ~~got~~ goal is want to become a doctor. And the medical field.

4. What is your expectation from this worksop?

The expectation from this worksop is that will help of muslims girls to acheive this goals and to reach their ambition.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes! I was always motivated in this field because in this field there are many facilities, in this STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes! I have good strategy. But I need to make it better. It is help for all girls education for knowledge.

3. Do you have a better understanding on how to achieve your career goal?

Yes it is better to understanding but before that how to acheive my goal.

4. Do you feel that this workshop has been useful?

Yes! It was useful workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Juwairiya Anjum, Subject: Medical, Student/Teacher/Alumni

Institution/Company Student, Address: Sabzibagh Dariya Pur Patna-4

1. What motivated you to choose STEM subject?

It was my interest in medical science &

2. What strategy do you follow for your study?

I just follow routine and distribute my work with time, so that my goal gets completed

3. What is your career goal?

My goal is medical.

4. What is your expectation from this worksop?

My expectation from this workshop is to make contacts with people and to know about the career options and how to achieve those goal.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   yes, I ~~study~~ was always motivated in this field because is this field there are many facilities is this STEM field.

2. Do you feel that you have a better strategy for your study?

   Yes, I have good strategy. But I need to make it better. It is help for all girls education knowledge.

3. Do you have a better understanding on how to achieve your career goal?

   Yes, it is better ~~to~~ understanding but ~~belongs~~ before that how to achieve my goal.

4. Do you feel that this workshop has been useful?

   Yes, It was useful workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shabana perween, Subject: Engineering, Student/Teacher/Alumni

Institution/Company Student, Address: Mahendra Golakpur Patna-6

1. What motivated you to choose STEM subject?

~~Intrest~~ It was my intrest in engineering Science and technology, which motivated me.

2. What strategy do you follow for your study?

I just follow routine and distribute my work with time, So-that my goal gets completed

3. What is your career goal?

~~My goal is engineering~~ electrical. My goal is to be an electrical engineering.

4. What is your expectation from this worksop?

My expectation from this workshop is to make Contacts with people and to know about your Career option and how to achieve those goals.

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   Yes, I was always motivated in this field. It enhanced my motivation

2. Do you feel that you have a better strategy for your study?

   Yes, I have good Strategy, But I need to make it better something is lacking

3. Do you have a better understanding on how to achieve your career goal?

   I have some idea to achieve my goal, But I need to find out more ideas and have better Strategies that can help me to achieve my goal in proper time.

4. Do you feel that this workshop has been useful?

   Yes it was useful workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 05, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Zubeitre Nazhat J Hyder, Subject: Physics, Student/Teacher/Alumni

Institution/Company Ayub Ordu Girls High School Patna, Address: Lal Bagh - Near Patna University

1. What motivated you to choose STEM subject? - Self - d

Subject like physics have so many scope. It is found that there are very less girls which opt Physics. Hence I ~~chos~~ decided to opt STEM - so that I can ~~be~~ achieve 'something. women scientiers Role in their field motivat me.

2. What strategy do you follow for your study?

Being a teacher, I first explain the topic throughly then prepare ~~very~~ objective questions from that topic and one subjective question. If student able to answer then no problum. If student fail then I follow next method.

3. What is your career goal?

To be a good teacher my ~~&~~ objecti is to prepare student for ~~co~~ compatative exam. promot them for higher study.

4. What is your expectation from this worksop?

I my openion, in minority class there are lot of girls students having much talent & skill. But they do not get proper guide line throug out their education. you are requested to extract talent from them & provide an envior ... higher study

THE OHIO STATE UNIVERSITY [redacted]

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes - I really enjoyed talking with you & learning about carier in science & technology (STEM). Scholorship granted by ohio is very much suffcient.

2. Do you feel that you have a better strategy for your study?

Yes - But I & feel that your criteria of judging candidate is very ~~s~~ smart & fair. ~~Her~~ As a student you have given an excellent opportunity to develop not only skill but also many other quality.

3. Do you have a better understanding on how to achieve your career goal?

At All the problem were discussed very clearly. Presentation was also very helpfull Lecture delivered by Dr. Kam Irving is very much clear. guideline given by Dr. Nahar Sultana is excellent.

4. Do you feel that this workshop has been useful?

Very useful for student interesting in Reserch. Very informative workshop. I enjoyed talking with you & learning about carriers in sciance & technology.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shagufta Naaz, Subject: Engineering, Student/Teacher/Alumni

Institution/Company Student, Address: Qadir Manzil, Lal Bagh, Patna

1. What motivated you to choose STEM subject?

It was my interest in engineering, science and technology, which motivated me.

2. What strategy do you follow for your study?

I just follow routine and distribute my work with time, so that my goal gets completed

3. What is your career goal?

My career goal is to persue PhD in electrical engineering and go for research in my field of interest.

4. What is your expectation from this worksop?

My expectation from this workshop is to make contacts with people and to know about the career options and how to achieve those goals. What financial help can I get to study in UC.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

   Yes, I was always motivated in this field. It enhanced my motivation.

2. Do you feel that you have a better strategy for your study?

   Yes, I have good strategy. But I need to make it better. Something is lacking.

3. Do you have a better understanding on how to achieve your career goal?

   I have some idea to achieve my goal. But I need to find out more and have better strategies that can help me to achieve my goal in proper time.

4. Do you feel that this workshop has been useful?

   Yes it was useful workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Priya kumari, Subject: Botany, Student/Teacher/Alumni

Institution/Company Patna womens college, Address: Bailey road

1. What motivated you to choose STEM subject?
The subject 'STEM' motivated me to choose is that it is the organisation which decided to empow er women by giving them oppourunity to study in abrod independent because we know that study abroad is not affordable for middle class families but this organisation help to go abroad to study.
2. What strategy do you follow for your study?
my strategy to study not so hard but I think instead of taking so much sudden of study we have to take time for ourselve also. I study 8 hours only for a day. & also i do not study continously but I take a small break betn every 40 hour because i think slow & steady wins the race.
3. What is your career goal?
My career goal is to being Proffessor of world's best university. actually its my dream to go abroad for higher studies but because of financial problem its not possible for me to go but from this organisation its a new hope for me acheive my goals for sure.
4. What is your expectation from this worksop?
From this workshop I expected that it is really for girls who do not afford to go abroad and I'm one of those student who is going to abroad. It also helpful to increase my interactive power towards unknowen person.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, of course I feel more motivated in my choice of study in STEM fields. because, in STEM field so many opportunities are here.

2. Do you feel that you have a better strategy for your study?

Yes, I feel that i have a better strategy for my study because, as Sultana ma'am said that we have to take atleast 2 hours for science & whic I probably do in my day to day life.

3. Do you have a better understanding on how to achieve your career goal?

NO, before this workshop i haven't a better understading on how to achieve my career goal.

4. Do you feel that this workshop has been useful?

Yes, I feel that this workshop has been useful. And I very thankful to Sultana ma'am, karens ma'am, Pradhan sir for giving us valuable thoughts which are going to help us further in futter future

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: SWEETY KAUR, Subject: BOTANY, Student/Teacher/Alumni

Institution/Company PATNA WOMEN'S COLLEGE, Address: Bailey Road

1. What motivated you to choose STEM subject?

The subject 'STEM' motivated me to choose its is the organisation which decided to empower women by giving them opportunity to study in abroad independent because studying in abroad is not affordable for me. So, I got motivated & interested to participate in this workshop.

2. What strategy do you follow for your study?

I am very concious for my studies. I just study 8 hours only but in that very time I am very concious. In between I take some break while Studying. I do discussions with my friends as a group discussion. Whatever I study I prepare my own notes.

3. What is your career goal?

I want to achieve sucess in life. I wanted to do masters for my further studies. I want to go abroad its my dream to go U.S & study.

4. What is your expectation from this worksop?

From this workshop, I want to get more knowledge & want to learn many things. If I will get the chance I will definetly want to go abroad for my higher studies.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated in my choice of study in STEM fields. STEM fields have lots of opportunity which motivated me a lot.

2. Do you feel that you have a better strategy for your study?

yes, I feel that I have a better strategy for my study & as i attended the workshop I get very inspired by Sultana ma'am. I also feel to contributes some of my knowledge to Science. I will definetly give 2 hours for science from my daily routine.

3. Do you have a better understanding on how to achieve your career goal?

I myself get more motivated by attending this workshop. Education is very important & Education is superior. My first priority is to do hard work & achieve my goal.

4. Do you feel that this workshop has been useful?

Yes, I fell very useful & thankful to Sultana ma'am, Karen's ma'am, Pradhan Sir & Syed sir for giving their Vaulable time & thoughts. I feel definetly very grateful & motivated.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 05, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: PRIYANKA PRIYADARSHINI Subject: BOTANY, Student/Teacher/Alumni

Institution/Company PATNA WOMEN'S COLLEGE Address: NEAR SHANTI VIHAR COLONY, DIGHA-PATNA.

1. What motivated you to choose STEM subject?

The living world, the beauty of nature motivated me to choose this subject. Begining of life is a mystery so, I want to know from where we come, & what are the things in this life scicee. Which is

2. What strategy do you follow for your study?

My strategy for my study is to study about life science, to learn about nature & in future if I feel that I am quite enough, in this field then I will do some researcd work in this field.

3. What is your career goal?

I like ~~to think~~ study this life science & I see my career goal in this field as a research or a scientist.

4. What is your expectation from this worksop?

My Expectations from this workshop is very high that I will learn many thing from the great personalities who are going to guide us.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I feel so. Dr. Nahar motivated me a lot. She is a lady & she is in U.S & I can see that she is a great personality today. Dr. Kanan words also motivated me to go with science & to be successful in our field.

2. Do you feel that you have a better strategy for your study?

yes. I think so that I have a better strategy & I will follow it. I will give my best to improve my English language fluency. So that, I can go U.S. & learn there or get job. From today's my strategy will be to give at least 2 hours to science.

3. Do you have a better understanding on how to achieve your career goal?

To achieve my career goal I think the best way is to study yet with our full concentration & hardwork. I think for us, our Education must be superior. We must give our first priority to our Education.

4. Do you feel that this workshop has been useful?

After attending the whole workshop. I feel that this workshop has been helpful to me.

After attending this two days workshop. I feel that it is too useful to us. If we want to go U.S. or we stay here in India this workshop will play a crucial role in our overall development. I met great personalities here & I am very grateful to be here. Thank you

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Sudha Suman, Subject: Botany, Student/Teacher/Alumni

Institution/Company Patna Women's College, Address: Baily Road, Patna

1. What motivated you to choose STEM subject?

Science, itself a whole world. And to know about science is quite interesting. So all of this motivated me to take STEM subject. Science is in everyday life. From Waking up to go to sleep all are science. The food we take, the air we breathe all are parts of science. We respire, digest, reproduce, all are science. So to know the basics of this I choose STEM.

2. What strategy do you follow for your study?

I don't think that we need any kind of strategy for our study. I Study only when I really want to study. I don't make it burden on me. But it necessary that I am studing regularly. Regular in study is most important thing. I make sure whatever I am studing is interesting for me and I am getting the things.

3. What is your career goal?

My career goal is not yet fixed. I am exploring. My subject is Botany. I have an option to take Masters in Botany. But I want some better and new options which make my career slightly different.

4. What is your expectation from this worksop?

I have a big expectation from this workshop. Because I think, here I may get many options after my graduation and to know about STEM. I am privilaged to be here. Thanks for inviting me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I am more motivated. I get to know many things through STEM. There are so many options which I can pursue after my graduation.

2. Do you feel that you have a better strategy for your study?

Yes, Through the guidance of Mentors I got motivated to regular studies. Mentors told us that just give 2 hrs to science. So, now I have a strategy to study science.

3. Do you have a better understanding on how to achieve your career goal?

Yes, Now I am more confident about my career goals and my doubts & confusion are all vanished.

4. Do you feel that this workshop has been useful?

Yes ofcourse, workshop was useful for me. Through this I got to know a lot of things about STEM, Education in USA, The format to pursue higher studies. And most important thing how to write CV & resume effectively.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Khadija Anjum, Subject: Botany, Student/Teacher/Alumni

Institution/Company Patna Women's College, Address: _____

1. What motivated you to choose STEM subject?

Ans STEM is always an interesting subject for me. My interest in this subject. My interest in this subject motivates me to choose STEM for higher studies. Whenever any extra curricular activities held regarding this like Seminar, Quiz Competition, Model making competition. I always want to participate and teachers appreciated me for this to motivate in this subject.
My teachers explained me this subject so clearly so that this subjects motivate me

2. What strategy do you follow for your study?

Following are the strategies which I can use for study:-
① Better understanding of the subject regarding books, journals magazine etc
② Whatever I learn the topic I prepare my own notes so that I can remember
③ Solving the question with that topic
④ Discussing with friends as a group discussion if any concept seems difficult to me.

3. What is your career goal?

Ans My career goal is to become a Research Scholar

4. What is your expectation from this worksop?

Ans I hope this workshop helps me to enhance my career. Interactions with different trainer and other member helps me to understand the different techniques and strategies to do well in my career.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I feel more motivated to the choice of study in STEM fields. I get to know more about STEM field and the opportunities which motivated me more to choose study in STEM fields.

2. Do you feel that you have a better strategy for your study?

Yes, Interaction with STEM team and other members feel me to have a better strategy in study. I think I have to focus on study and mange time for my studies. I also feel more motivated to studying in US.

3. Do you have a better understanding on how to achieve your career goal?

Yes, I know about various fields and scopes which will enhance my career. I get to know more about how to apply in any US intitute after my graduation

4. Do you feel that this workshop has been useful?

Yes, this workshop was very useful for me. All the Professors and trainers of STEM field. I get to know how to write CV and resume which will be benefited for me.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Alisha Kumari, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company P.W.C (Patna), Address: Vill+P.O - Shankarpur, Munger, Bihar

1. What motivated you to choose STEM subject?

Since In my childhood I used to mix many thing and make something new. Sometime, for this I appriciated but sometime its impact was not good. Now What was time I was intrested in science stream and loved to study about chemicals and learns many things. Gradually I was much intrested in this field. My parents and teachers always help me for doing new thing.

2. What strategy do you follow for your study?

I spend some time to free my mind in every hour and then I started study. Make a task list to keep track of things I needed to do on a daily basis. Break large tasks into smaller pieces that can be completed within a few hours. Concentrate to get the most out of the lectures. Sit where I can hear and see everything I need to. During the exam, focus on what I do know rather than what I wish I had spent more time in study

3. What is your career goal?

My goal to become a reacher in as much as I am intrested ~~in~~ to form new chemicals & new innovalation.

4. What is your expectation from this worksop?

I expected to gain much knowledge about astronomy and wants to know how I study in foreign and learns more and more new things.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes, I am more motivated in choice to study in STEM field in as much as many ~~scholar~~ scholar mentioned about real importance of science whatever apprising by them its really very important. Now I am focous about my aim which play more important in my life.

2. Do you feel that you have a better strategy for your study?

Yes, Reduce Interference, Space it out, Use whole and part learning, Recite it, use a study system, make a proper goal, focus.

3. Do you have a better understanding on how to achieve your career goal?

First of all I know clearly what my goals is. because due to mentors present in workshop. I had many idea to get my goal and reach near goal. ~~The~~ Now it clear I will becomes a reacher.

4. Do you feel that this workshop has been useful?

Yes, this workshop had been very useful. I got many information related to my goal and I also know how to study in foreign and what short of thing is useful for me I got from this workshop.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Shahla Yasmeen, Subject: Zoology, Student/Teacher/Alumni

Institution/Company Patna Women's College, Address: _____

1. What motivated you to choose STEM subject?

Interest in Biology

2. What strategy do you follow for your study?

Reading and Practice

3. What is your career goal?

Teaching & Research

4. What is your expectation from this worksop?

Facilitate students for higher studies in mainstream courses (BIOLOGY) and STEM

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes.

2. Do you feel that you have a better strategy for your study?

Yes. I have established myself. Now I have to motivate my students to join & STEM and move ahead

3. Do you have a better understanding on how to achieve your career goal?

Yes,

4. Do you feel that this workshop has been useful?

Yes.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: 5, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Jaya Philip, Subject: Microbiology Student/Teacher/Alumni

Institution/Company Patna Women's College Address: Dept. of Industrial Microbiology, Patna Women's College, Patna

1. What motivated you to choose STEM subject?

Mostly because of the practical approach.

2. What strategy do you follow for your study?

knowledge and concept building

3. What is your career goal?

to contribute to the field of research and developmen

4. What is your expectation from this worksop?

To get a guidance to avail research opportunity in future in the USA.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes, knowing that there is immense opportunity in the field of science and technology.

2. Do you feel that you have a better strategy for your study?

The knowledge gained at this workshop can help to plan a better strategy and approach for my study.

3. Do you have a better understanding on how to achieve your career goal?

yes.

4. Do you feel that this workshop has been useful?

yes, it has been helpful for me. Also I can guide my student to avail education in the USA.

Jaya Ph. Lip
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Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna ✓

Name: DR. SISTER M. STUTI A.C, Subject: _____, Student/Teacher/Alumni ✓

Institution/Company PATNA WOMEN'S COLLEGE, Address: Bailey Road-8544009022

1. What motivated you to choose STEM subject?

I have basically an aptitude for Science. I have passion for life Science (Zoology)

2. What strategy do you follow for your study?

- Read Book
- Do Basic Research.

3. What is your career goal?

- To do many basic research for the benefit of society
- To motivate students for research work

4. What is your expectation from this worksop?

That we get many students from our College to study in US

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

I am very much impressed by Dr. Sultana N. Nahar.
Yes, I am motivated to devout more time for STEM fields
Because it is multidisciplinary

2. Do you feel that you have a better strategy for your study?

yes

3. Do you have a better understanding on how to achieve your career goal?

yes. This helped to get a clear idea.

4. Do you feel that this workshop has been useful?

yes, very informative and useful.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna ✓

Name: Hena Naz, Subject: Botany ✓, Student/Teacher/Alumni

Institution/Company _____, Address: Patna Women's College

1. What motivated you to choose STEM subject?

Because it is interdisciplinary. I found it interesting to know about Streams of Science i.e. engineering and mathmatics.

2. What strategy do you follow for your study?

I find my self comfortable If I am engaged with assignment related to my work

3. What is your career goal?

To be a professor

4. What is your expectation from this worksop?

I would be able to understand the procedure how to connect myself with other institute abroad.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

Yes I am

2. Do you feel that you have a better strategy for your study?

Not so much but according to my learning I can introduce some ideas to study in a better way.

3. Do you have a better understanding on how to achieve your career goal?

4. Do you feel that this workshop has been useful?

Yes. It is very useful. I got to know more about prospects and procedure of learning and teaching.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: DR. NAHEED AHMAD, Subject: BOTANY, Student/Teacher/~~Alumni~~

Institution/~~Company~~ PATNA UNIVERSITY, Address: DEPT. OF BOTANY, PATNA UNIV.

1. What motivated you to choose STEM subject?

Understanding nature and finding solutions to everyday problem was the driving force in my educational career choice.

2. What strategy do you follow for your study?

Books, Research and everyday problems faced by the society is the direction of study.

3. What is your career goal?

Contribute to motivate people to achieve their full potential. Give back to the society from my knowledge and experience

4. What is your expectation from this worksop?

Dissemination of knowledge and strategies to study in the U.S.

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields? YES.

2. Do you feel that you have a better strategy for your study?

The strategy feels fine however in the Indian scenario, where the Muslims are underprivileged and have very low annual incomes, finance seems a big impediment. The GRE/SAT TOEFEL fees are not affordable to many. So these concerns need to answered, before it becomes meaningfull for the community.

3. Do you have a better understanding on how to achieve your career goal?

4. Do you feel that this workshop has been useful? YES

Director: Dr. Sultana N. Nahar, The Ohio State University, USA

Pre-workshop survey

WSR Workshop: Number: _____, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, (Patna)

Name: ANJUM FATMA, Subject: Chemistry, Student/Teacher/Alumni

Institution/Company M. M. College Patna University Patna, Address: 301, Nasheman Aparment Patna 800003

1. What motivated you to choose STEM subject?

Always have a scientific brain.

2. What strategy do you follow for your study?

There should not be break in your studies.

3. What is your career goal?

High Position in teaching

4. What is your expectation from this worksop?

To achieve the goal and motivate the students for generosity for STEM education

Post-workshop survey

1. Do you feel more motivated in your choice of study in STEM fields?

yes.

2. Do you feel that you have a better strategy for your study?

YES

3. Do you have a better understanding on how to achieve your career goal?

YES

4. Do you feel that this workshop has been useful?

YES