



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: Zoology^{M.Sc}, Student/Teacher/Alumni

Institution/Company MAULANA AZAD COLLEGE, Address: Jagdishpur, Uluberia, Howrah
Rafi Ahmed Khidwai Road
Kolkata - 700013

1. What motivated you to choose STEM subject?

This initiative of this workshop for ~~men~~ great women about development & their career is. My mother & teachers ~~are~~ motivated me to choose STEM subject. ~~For~~

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 workshop?

I expected that this workshop ~~help~~ in gain in knowledge & taking some advise that help us in ~~but~~ our future career & study



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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 field. We know about various career options in STEM fields & in research work. These precious advises & guidance of Dr. Nahar & Dr. Pradhan help 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 ~~very~~ much information about this field. Dr. Nasreen Haque's advise gives me a new path for my career. ~~And I also~~

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

Yes, this workshop has been very much useful for me. Dr. Nahar & for her guidance & also Dr. Pradhan's advise I ~~am~~ am very ~~greatful~~ thankful. And I also very thankful for giving us such ² golden opportunity.

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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, RAJ AHMED KIDWAI ROAD,
DALTALA, KOLKATA - 700013.

1. What motivated you to choose STEM subject?

My main motivation ^{my curiosity} of learning ~~a~~ 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 information more on Science, meet some renowned people, get inspired and achieve some motivation to seek forward for doing higher education.



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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, its 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 providing me a clear vision of how should I be choosing my subject, I gained knowledge about steps of getting into US university cause to know I met 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 "try doing research work in your field". Lots more to say, but ending up saying



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Name: Tanvi Rahman, Subject: M. Sc in Zoology Student/Teacher/Alumni

Institution/Company Mawlana Azad College Address: Rafi Ahmad Kidwai Road, Surendra Lal Pyne, College Street,

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 ~~take~~ answer the unknown questions. I also hope that it give some information ~~to~~ how to choose correct ~~opportunities~~ stream, give some knowledge about ~~the~~ ~~are~~ 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 workshop?

I hope that this workshop give me more knowledge how to choose correct stream, give me inspiration, ~~how to use~~ ¹ the opportunities, which we are ~~the~~ totally unknown, how can use the opportunities.



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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 teach, taught me "how to learn" and also "how to teach". I think that I ~~was~~ 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 decision in my career. The eminent professors helped me so much to clear my confusions., ~~to~~ they told the opportunities to complete research in VISA, also the facilities in VISA university.

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

This workshop ~~is~~, getting ~~me~~ ^{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 ~~that~~ to Madika mam to give me the chance² to attend ~~so~~ such useful workshop. Thanks to Dr. Irving, Dr Nahar and Dr. Pradhan. Thank u ~~so~~ so much sir and mam.



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WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Jasmine Murshed, Subject: Zoology (M.Sc.), Student/Teacher/Alumni
 Institution/Company: Maulana Azad College, Address: Rafi Ahmed Kidwai Road, Kot-700013
25A, Alimuddin Street, Kolkata-700

1. What motivated you to choose STEM subject?

I believe that the initiative of this workshop for women will help us to choose the correct stream of science field that I like to study. I would like to know another fields like technology, engineering etc. I hope I will get my answers which I found around me, while studying 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 pursue ~~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 be able to make my fellow students to understand my learnings.

4. What is your expectation from this workshop?

I hope this workshop will help me to break the hard and fast rules of studies, and will help me to gain knowledge to explore myself in and out studies. I hope it will make me break my silence through STEM workshop. I will get lot of knowledge from STEM fields.



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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, ~~the~~ Science teaches me that ~~no~~ thing in this universe is not ~~an~~ 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~~ ^{improved} lot of methods for memorizing my studies. I understand the joy of studying feel the great excitement 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 ^{that} I can also be one of them at some point of my career. It is a life-time opportunity.

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

That STEM has given us.
Of course, this workshop is very much beneficial to me. After interacting with Dr. Nasreen Haque, I got to know various ~~get~~ gate-ways for research ~~to~~ & teach their in their respective subjects. And all others Scientists ~~to~~ Dr. Sultana N. Nahar, Dr. Anil K Pradhan & Dr. Karen E. For have given us the best of their knowledge and experience of their life. For them I am gratefully & thankful to all of them & Not but not the last thanks to ~~Made~~ Madeha Mam.
Thanked to all.



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Name: Munshi Saba Khatoon., Subject: Science ~~Student~~, 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 workshop?

After this workshop, hopefully I would be clear with what to do in future, and would be able to choose a proper courier and of-course a proper future.

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Post-workshop survey

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

Yes, of course now I feel like I am ~~not~~ in the right path and after attending this workshop I feel ~~is~~ motivated a lot, 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 ²survey we are a lot confident and know what to write and how to explain ourselves.



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WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna
(SCIENCE)

Name: TANZILA NAZ, Subject: 12th - 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~~ my path towards success.



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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 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 ~~useless~~ 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 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. 2 Thanks to all!



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WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Arya Ustoz, Subject: Science, Student/Teacher/Alumni

Institution/Company Saijee 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 in between my studies. It helps to refresh my mind help to me to learn in a better way.

3. What is your career goal?

I want to become a doctor, a cardiologist or an ophthalmologist.

4. What is your expectation from this workshop?

I expect that this workshop will help me to explore different fields in medical stream and would also help me explore fields in different stream that might evoke my interest.



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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} fields I have heard of. I think now I have to give a second thought over my career goal.



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WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Nabila Hossain, Subject: _____, Student/Teacher/Alumni

Institution/Company Saifee Hall, Address: a, 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~~ ^{part} the subject practical and numericals 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. ~~I don't~~ 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 patenting them. First I plan on finishing my education so that I can have a fall back option if my ideas don't work since it's an open secret that Business is a risky option.

4. What is your expectation from this workshop?

I hope this workshop will be provide guidance and make my career options clearer.



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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 ~~being~~ ^{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 ^{for me to follow} and has given me a ~~way~~ path to start ~~with on with~~ 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 the next time ~~this~~ this workshop will motivate more people to participate in it.



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WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: Zaheen Akhter, Subject: Science, Student/Teacher/Alumni

Institution/Company Saifee 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 stop 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 workshop?

My expectation from this 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 ~~an~~ 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 datecated 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 ² up ~~parts~~ paths for my career. It was my first and ~~I think it is going to be~~ best experience.



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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 ^{teach} ~~teach~~ students, who are mentally handi-capped, voluntarily, I feel good. I want to counsel the needy.

4. What is your expectation from this workshop?

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.



Director: Dr. Sultana 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. I have done Honours from Calcutta University in Zoology. M.Sc. in IT. I would find interest in studying in STEM field. Lots of disciplines 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 afford to build career with us. But after the lovely workshop everything seems possible. Thank you!



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WSR Workshop: Number: 3, Location (circle): Aligarh, Delhi, Hyderabad, Kolkata, Kurnool, Patna

Name: IQRA SUKIL, 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 to 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 workshop?

I expect to leave this workshop with more passion 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 ~~strage~~ strategy to pursue my future goals. Dr Irving and Dr Nasrien 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 ^{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.₂



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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 parallelly 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 workshop?

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, of course I have learnt a lot 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 careers in STEM Education 😊

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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 studying in college (B.Sc. course) but I always curious about my further studies and I search 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 fire~~
 I want animal related career 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 ~~future~~ 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 queries about examination, application etc but after workshop most of my queries gets cleared and I feel more motivated. And I actually feel that STEM fields is really vast and we 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 strategy for my study. Before this workshop ~~I did many~~ my strategy of study ~~contains~~ is not so well but after the workshop I have many ideas in my 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 queries but my perspective of career goal becomes more clear and I understand better.

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 extremely awesome and they answer our every questions. ~~Then~~ 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, Student/Teacher/Alumni ^{Bsc.}

Institution/Company ALIAH UNIVERSITY, Address: NEWTOWN

1. What motivated you to choose STEM subject?

When I was in 10th 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 professor.

4. What is your expectation from this workshop?

I expect from this workshop to interact with our senior person and know something different 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
careers 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~~ familiar
way.

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

yes, I know so many things to achieve my goals, and so many
career option.

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

yes, along this workshop I got the information of education
in us and selectively the chance of ~~more~~ girls in
higher studies. It motivate me more and more in
the 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 postgraduate 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 motivate 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 workshop?

I am an introvert, so I guess this workshop will help me break my silence and interact as 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 options 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 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 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 and research and I am very thankful to Dr. Nahar and Dr. Pradhan for revealing

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

the way to do research in US. I think all of these combined will allow me to achieve my career goal.

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 know even existed.

I am thankful to the director of 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 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 workshop?

I expect from this workshop to interact with our senior person, and want to know something different from our regular 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 ~~STEM~~ ^{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 10th 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 about 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 workshop?

I expect from this workshop to interact with our senior person and want to know something different from our regular 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 STEM Subject. This workshop gave me more option to achieve our 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 career 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 understand 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: F, 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 workshop?

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 other 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 workshop?

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 ² 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 ~~found~~ 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.



Director: Dr. Sultana 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. 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 & had ~~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 technology 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 preparation) 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 career 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. Not to end up in between due to family pressure or something. I dont want choose a career which is only attached to me, it I want others to be benifited, society to benifited from me.

4. What is your expectation from this worksoy?

I expect this workshop to guide me in a much better way to study. As a woman how should we use our talents & instincts to make out our plan better. To plan up our future 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 very much motivated. The scientists helped us to explore ourselves in a much better way. Some words of our professor can't get detached from my life now. As 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 Ma'am said. I'll take out 2 hours 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 ma'am'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 particularly 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
B.Sc.

Name: MAIMUNA KHATOON, Subject: CHEMISTRY, Student/Teacher/Alumni

Institution/Company MAULANA AZAD COLLEGE Address: 8, RAFTI AHMED KIDWAY ROAD KOL-1

1. What motivated you to choose STEM subject?

→ ~~My~~ 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 fulfilled. And of course, Madiha Mam motivated us with lots of hopes and encouragements.

2. What strategy do you follow for your study?

→ ~~Strong~~ 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 career 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~~ So I have the goal to become a ~~scient~~ student of foreign University.

4. What is your expectation from this workshop?

→ 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.



Director: Dr. Sultana 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 Carmen Irving ^{has} just developed my 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 outlook 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 understanding 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 to me to decrease my ~~fair~~ fear of going to different place and, ~~adapting~~ ^{getting} getting adapted to the new environment. It helped me ~~to~~ ^{to} find a way out to achieve my dreams of ~~also~~ developing my ~~academic~~ ² 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: Microbiology^{B.Sc} 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 practical 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 studying for long hours just before exam.

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 ~~is~~ also wants to take Master degree in science because it is much needed to 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 studying 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 of study. The professors taught us and made us understand 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 ~~subject~~ subject in India as well as in USA. The professors also help us to know about every step ~~ie~~ like financial help ~~also~~ (scholarships), 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 ~~the~~ 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: NAÏMA NAWAZ, Subject: Bsc. Microbiology, 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 pursuing 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 organized 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, infact 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 ~~complete~~ gain more and more knowledge from every single person I meet. As ~~now~~ I am pursuing Bsc in microbiology, I will then step ahead for Msc. in Microbiology and then I want to join somey 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 workshop?

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 ¹ 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 career. 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 eminent scientists.

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

Yes, definitely! I learned a lot from this workshop. The professors made us understand the value of perfect strategy for our studies. The main thing one should have in selecting a mentor who would guide us and focus matters a lot in every student's life. One should always be confident and engage time separately so as to make us think ~~are~~ ^{what} we are doing is worth.

3. Do you have a better understanding on how to achieve your career goal? or not.

Yes, I have better understanding and I can say I stand more focused towards ~~us~~ my goal. I can see now see my goals in a different way, and also have better ideas 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 on 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: Zubna 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 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 understand 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 workshop?

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 ~~person~~ 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 woman can prosper without any knowledge of STEM related fields. Dr Nahar, Dr Karen and Dr A. Pradhan 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 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 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 woman'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: S, Rafi Ahmed Kiduri 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 interesting and it can open the windows of my career. I want to do something new and interesting that's why I am choosing STEM subject and I know one day it would be fruitful 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 pursuing a B.Sc degree in microbiology after that I would like to go for M.Sc and Phd also. As I mentioned above that I would like to do some research work and it is my career goal.

4. What is your expectation from this workshop?

That, I could collect the knowledge about my stream which I have chosen 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 fields. 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 it} United state for my higher studies.

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 confidence 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 wonderful workshop. It was most memorable and interesting 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 career goal?

To be a doctor, ^{study and do} an MBBS, MD, a gynecologist and I want to job in abroad. and want to do welfare for the [^]society. ~~and~~ after ~~to~~ my MD I want to do IAS.

4. What is your expectation from this worksop?

To ^{learn} know 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 ~~of~~ thankful to ~~to~~ our eminent scientists. I got very much clear idea about my 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 HD from US; yet I had some doubts, but I will surely clear it as I am 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 planned out a strategy & working on it too.

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

Yeah, I feel 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 awesome. I have no words that I can express ^{or describe} my feelings for you all. You are just my advisers or my inspirations. In future I will become like you ~~as~~ 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 fun~~. ~~take~~ land me up in a good place with an interesting career.

2. What strategy do you follow for your study?

~~At~~ ~~existingly~~ ~~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 ~~pro~~ course of being taught at my institution

3. What is your career goal?

After completing my bachelor's degree from Microbiology, I want to ~~prosse~~ ~~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; ~~to~~ ~~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~~ ~~spark~~ a new interest in me regarding the various other career options in this field. Now, I totally ~~book~~ ~~take~~ 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 ~~old~~ ~~new~~ ^{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 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 ~~no~~ 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 Surenbranth, 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 relief 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 workshop?

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 get 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 yay.

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 in 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 STEM² 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?

→ First of all, I love this STEM FIELD.

→ Pursuing a STEM will allow anyone a wide variety of future opportunities after graduation.

→ 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.

→ 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 step 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 workshop?

→ I think, from this workshop, I can get a way out 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 students of my nation.

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

(Sir, maams)
→ I think so, In this workshop, the great personality 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. 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 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 Sadai
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 ~~an op~~ 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 ~~doctor~~ doctor.

4. What is your expectation from this workshop?

To motivate me to take up Maths or science in ^{the} 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. I really loved Astronomy. It was very ~~too~~ 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. ~~And~~. I learnt a lot of new steps to achieve my career goal. •

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

Very useful ~~for~~ this workshop had been an inspiration and a motivation.