



Women in STEM Roadshow

Indo-US Collaboration: STEM Educational and Research Opportunities for Women from Minorities and Disadvantaged Groups

Goal: To encourage and provide information about education and professional opportunities in STEM fields for girls and young women through roadshow workshops in Delhi, Hyderabad, Kolkata, Aligarh, Patna and Kurnool in February 2018. The workshops will also highlight STEM educational opportunities at U.S. institutions of higher learning and introduce participants to EducationUSA.

OBJECTIVES

- Strengthen people-to-people ties 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
- 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

PARTICIPATION

- Twenty five to 27 female students in STEM fields from colleges and universities
- Five to seven teachers from colleges, universities and high schools
- Three to four alumni from U.S. universities in the STEM fields

WORKSHOP OVERVIEW

- Nine one and half day workshops; two in Delhi-NCR, Hyderabad and Kolkata and one in Aligarh, Patna and Kurnool
- Each workshop will be three sessions of three hours each. The first two sessions will comprise of lectures on STEM fields from international and local experts, training on teaching and learning pedagogies, feedback and Q&A. The third session will be a hands-on electronic experience including information on EducationUSA programs, connections to Roadshow Network for reporting, interactions, social media, etc
- Certificates to all participants will be awarded during a ceremony following the third session
- Light breakfast, lunch and tea and coffee breaks will be provided and internet, A/V facilities will be available



EXPECTATIONS

- Students will prepare themselves to study in the STEM fields and seek opportunities within U.S. universities and professional work in India
- Mentors will promote and motivate female students to be involved in STEM fields
- Alumni mentors will interact with high school students in three two hour sessions in each of the three U.S. consular districts
- Administrative officials of participating institutions are especially encouraged to select students and teachers from disadvantaged groups and minorities

APPLICATION

Applicants should submit a brief resume to:

- Noor-e-Zahra, Dehli,
noor_zahra_india@yahoo.co.in
- Madiha Ahmed, Kolkata,
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DEADLINE

- December 15, 2017

GRANT OPPORTUNITIES AND ASSESSMENT

- Selected STEM Mentor Fellowships will be awarded in each workshop
- A limited number of travel grants for out-of-town participants will be available
- All monitoring and evaluations, follow-up sessions and final outcomes will be conducted through the Indo-U.S. APJ Adbul Kalam STEM Education and Research Center of The Ohio State University-Algarh Muslim University where participants will report their progress

CONTACT

Officials and International Experts

- Sultana N. Nahar, program director and professor, The Ohio State University
- Karen Irving, The Ohio State University
- Nasreen Haque, Intalage Inc.

Visit go.osu.edu/womenstemroadshow



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