

A.P.J. Abdul Kalam STEM-ER Center
(Indo-US collaboration)

Date: October 16, 2025

e-poster competition by female students in STEM

Assalamu alaikum and welcome to the Indo-US APJ Abdul Kalam STEM Education and Research Center of Aligarh Muslim University and the Ohio State University.

- We founded International Society of Muslim Women in Science (ISMWS) AMU Chapter in 2021 being operated under the STEM Education and Research Center. ISMWS which was founded by Sultana Nahar at OSU in 2010, has been collaborating with the STEM Center since 2014.
- On behalf of our ISMWS-AMU Chapter committee of Student President Adiba and Faculty Advisor Prof. Nazura Usmani, OSU and AMU Directors, I Prof. Sultana N. Nahar, Advisor of ISMWS-AMU and OSU co-Director, am making this presentation.
- We have been organizing a structured International Women's Day symposium since the foundation of the STEM Center in 2014.
- We publish the annual magazine "An-Nisa" for women in STEM. Three volumes have already been published under the STEM Center.
- We have introduced in 2025 "E-poster Competition" for female students in STEM that includes undergraduate, Master and Ph.D. students. It has two categories,
 - i) actual research and
 - ii) concept and idea of research project with prospective solutions.The objective is to encourage and retain Muslim females in STEM education and research in India and globally.
- Idea of e-poster was suggested by AMU Ph.D. student and ISMWS-AMU Chapter President Adiba and rules and regulations were formulated by Sultana N Nahar and Adiba.
- We received in total 50 posters for the competition. They came from various universities in 4 countries - India, Egypt, Saudi Arabia, and USA. Students made virtual presentations of their posters on Oct 12 2025

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- While Ph.D. and some Master students presented their scientific research, all undergraduates and some Master students presented concept and idea of prospective research.
- Each poster was evaluated by the quality of research and presentation skill. All participants along with Adiba and Sultana Nahar judged the presentation and gave scores.
- **The best poster presenters in research category are**
 - **Monazzah Fatima of AMU, first place**
 - **Safa Mohsen Abu Elmagd Ahmad of Cairo University, second place**
 - **Aliza Quaisar of AMU, third place**
- **In Idea and Concept of research category, the winners are**
 - **Amber Khan of AMU, first place**
 - **Fareha Hasan of AMU and Naaila Siddiqi of AMU, second place**
 - **Maziya Pervez of AMU, third place**
- All winners will receive certificates stating their rankings. Rest of the participants will receive participant certificates.
- We would like to ask you to support the program
- Thank you for joining us.



Sultana N. Nahar