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To:

Global Participants  
AMAS and SS+Rmatrix Workshops II  
Oct 4 -Oct 26, 2025

December 14, 2025

Ref: Congratulations for the outstanding performances

Dear All,

Assalamu alaikum and Greetings!

Prof. Tauheed Ahmad and I, on behalf of the Indo-US APJ Abdul Kalam STEM Education and Research Center of Aligarh Muslim University and the Ohio State University, are pleased to announce the successful completion of the course "Atomic and Molecular Astrophysics and Spectroscopy with Computational Workshops on R-matrix and SUPERSTRUCTURE codes II", participated by 125 faculty, researchers, students globally from various universities in 17 countries - Afghanistan, Bangladesh, China, Egypt, France, Germany, India, Japan, Jordan, Mexico, Morocco, Pakistan, Palestine, Portugal, Saudi Arabia, Senegal, USA, held online during Oct 4 - Oct 26, 2025. Certificates are attached. Please note that each certificate has one name but each one is unique so you can recognize yours. I will email sets of certificates at a time in the next several emails.

Topmost scorers are (based on the highest score received):

1. Prof. Golam Dastegir Al-Quaderi, Physics, University of Dhaka, Dhaka, Bangladesh - topmost position
2. Nabiha Aiman, Physics, Aligarh Muslim University, Aligarh, India - 2nd position
3. For the 3rd position, three participants received very close scores:
  - i) Sadikah Tasnim Laskar, Physics, Jamia Millia Islamia, Delhi, India
  - ii) Kartik Madan, Physics IIT-Mandi, Mandi, India
  - iii) Ming Yi, Astronomy, The Ohio State University, Columbus, USA

Several of you received very close Scores for the next position:

- Afsar Imam, Physics, Aligarh Muslim University, Aligarh, India
- Azher Hussain, Physics, Aligarh Muslim University, Aligarh, India
- Prof. Anver Aziz, Jamia Millia Islamia, India
- Vidit Bhandari, Physics, Denison University, Ohio, USA
- Malvika Singh, Physics, Delhi Technological University, Delhi, India

I congratulate heartily everyone for completing the course joining with a diverse background in physics, engineering, chemistry. Your performances have been outstanding. The course scores can vary, but the impact of learning and applications will bring the values in the future. My particular congratulations are for those who took the exam to face the challenge to test their knowledge acquired within a short time regardless of the score outcome. Please keep all the codes with you for any future research involvements.

We would like to thank

- Guest lecturer Professor Anil Pradhan for delivering an enriching lecture on Molecular physics,
- Ohio Supercomputer Center (OSC) for providing the participants accounts to its high performance computers for the computational workshops.
- the Ohio State University for the facilities to deliver the lectures
- Thanks to the participants who voluntarily helped each other in various ways
- logging in and making connections to OSC, running the computer programs, video recordings, discuss physics problems.
- I hope that the bond you have formed among yourselves will remain with you for ever.

With our very best wishes to everyone for contributing to science,



Prof. Sultana N. Nahar (Lecturer)

Fellow: APS, BPS, BAS, TWAS-UNESCO

Co-Director, Indo-US APJAK STEM Education & Research Center of OSU-AMU

Honorary Professor in Science, University of Jordan, Amman, Jordan

Adjunct Professor, Cairo University, Egypt

Adjunct Professor (under UGC), Aligarh Muslim University, India, 2017-2022

A handwritten signature in black ink, appearing to read "S. K. Ghosh", with a long horizontal flourish extending to the left.

Ex-Chair of Physics, Aligarh Muslim University, India  
Director, Indo-US APJAK STEM Education & Research Center of OSU-AMU