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To:

Global Participants
AAS and SS+Rmatrix Workshops II
June-July 2022

July 17, 2022

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 Astrophysics and Spectroscopy with Computational Workshops on the SUPERSTRUCTURE and R-matrix codes II", with 52 global participants from many universities in 11 countries - Bangladesh, Egypt, India, Iraq, Mexico, Morocco, Pakistan, Palestine, Saudi Arabia, United Arab Emirates, USA, held online during June 18 - July 17, 2022.

We would like to thank guest lecturer Professor Anil Pradhan for delivering enriching lectures, the Ohio State University for the facilities to deliver the lectures and Ohio Supercomputer Center for providing the participants accounts to its high performance computers for the computational workshops. I would like to thank Prof. Tauheed Ahmad for staying at entire sessions and sharing his knowledge with us time to time. I would like to thank the participants who voluntarily helped each other in various ways - logging 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 last indefinitely.

I congratulate heartily everyone for the accomplishment from the course coming 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 for 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.

OSU Vice Provost Professor Gil Latz of Global Strategies and International Affairs has sent a salutary certificate to send to all of you. I will email the letter with the certificates for you to keep.

The top excellent scorers, based on the exam with added values from the computational workshops, are:

- 1a. Muhammad Hani Zaheer, University of Delaware, USA
- 1b. Md. Mehedi Faysal, University of Dhaka, Bangladesh,
2. Mahbuba Aktary, Begum Rokeya University, Bangladesh,
- 3a. Ahmed Farhan Ishraque, University of Dhaka, Bangladesh,
- 3b. Prof. Dr Maher O. El-Ghossain, The Islamic University of Gaza, Palestine
- 4a. Salman Raza, University of Karachi, Pakistan
- 4b. Habib Abdurahman Arebu, King Fahd University of Petroleum and Minerals, Saudi Arabia
- 4c. Jonathan Begeny, The Ohio State University, USA
- 4d. Sourin Choudhury, NIT-Meghalaya, India

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



Prof. Sultana N. Nahar (Lecturer)

Fellow: APS, BPS, BAS, APS Woman Physicist of Month

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

Adjunct Professor, Cairo University, Egypt

UGC Adjunct Professor, Aligarh Muslim University, India



Ex-Chair of Physics, Aligarh Muslim University, India

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