

Webinar on the occasion of 75 years of Independence of India

Department of Physics

Aliah University

14th August 2022, Kolkata, India



Aliah University
আলিয়া বিশ্ববিদ্যালয়
جامعة آالية



Theme

The idea of the webinar is to recall the scientific activities (mainly in Physical sciences) of India during the pre-independence era, the transformation of the scenario after independence along with the modern perspective. We will also pay our homage to the scientists who have made invaluable contributions in the Indian science.

Resource persons

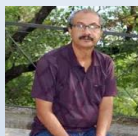


Sreerup Raychaudhuri

*Professor, Department of Theoretical Physics,
Tata Institute of Fundamental Research, Mumbai*

“Evolution of Modern Science in India”

In this non-technical talk, the history and evolution of modern science in India will be broadly surveyed. After a brief introduction, the introduction of scientific processes by the British will be mentioned, and followed by a mention of the spread of western education. The contributions of several pioneering Indian scientists in the colonial period will then be reviewed. Finally, the growth of major scientific and technological institutions in post-independence India will be outlined. No scientific training is needed to follow this talk.



Gautam Gangopadhyay

*Professor, Department of Physics, University of
Calcutta, Kolkata*

“Meghnad Saha: Scientist and Institution Builder”

Coming from a very underprivileged background, Meghnad Saha achieved international fame for his research at a very young age. His work on the ionization in stellar atmospheres helped turn astrophysics from a qualitative to a quantitative discipline. He was also instrumental in setting up the Institute of Nuclear Physics within the ambit of the University of Calcutta, which later became the Saha Institute of Nuclear Physics. He was the first director of the Indian Association for Cultivation of Science, and the present campus of the Institute was established during his tenure. He spearheaded the efforts to build the first cyclotron in Asia and the first electron microscope in India. He also founded the first science academy in India and many other institutions related to scientific activity, which continue to function to this day. In this talk, the multifaceted activities of Saha will be discussed.

Chief Patron

Prof. Sk Abu Taher Kamruddin
Honorable Vice Chancellor, Aliah University

Patrons

Dr. Sayed Nurus Salam
Registrar, Aliah University

Prof. Babulal Seal, Dean,
Faculty of Science and Technology, Aliah University

Prof. Abdur Rahim Gazi, Dean,
Faculty of Humanities and Languages, Aliah University

Prof. Amzed Hossein, Dean,
Students Welfare, Aliah University

Dr. Sk Ashfaque Ali
Deputy Registrar, Aliah University

Organizing Committee

Chairperson

Prof. Md. Mehedi Kalam, HOD, *Dept. of Physics*

Conveners

Dr. Md. Mabud Hossain, *Dept. of Physics*

Dr. Jayanta K. Saha, *Dept. of Physics*

Members

Prof. Muklesur Rahman, *Dept. of Physics*

Prof. Sk. Faruque Ahmed, *Dept. of Physics*

Dr. Badiur Rahaman, *Dept. of Physics*

Dr. Md. Abdul Khan, *Dept. of Physics*

Dr. A.K.M. Maidul Islam, *Dept. of Physics*

Webinar details

Date & Time: 14th August, 2022 [5.15 PM]

Contact: +91 9433368675/9433336243

Platform: Zoom

[Click to Register !!!](#)