



'Science Academies' Lecture Workshop
ON
**"Emerging Technologies based on Nanoscience- A
popularization workshop"**
22 – 23 April, 2016

Organized by
Department of Chemistry
College of Arts, Science and Humanities (CASH)
Mody University of Science and Technology
(Formerly Mody Institute of Technology and Science)
Lakshmangarh, Sikar, Rajasthan-332 311

Sponsored by



The National Academy of Science
Allahabad



Indian Academy of Sciences
Bangalore



Indian National Science Academy
New Delhi

Convener

Prof. Ashok Kumar Ganguli,
Director, Institute of Nano Science and Technology, Mohali, Chandigarh
(Fellow of Indian Academy of Sciences, Bangalore)

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About the Academies:

The Indian Academy of Sciences, Bangalore, was founded in 1934 by Sir C.V. Raman. Its objectives include promoting the progress and upholding the cause of science in pure and applied branches. Major activities include publication of scientific journals and special volumes, organizing meetings of the Fellowship and discussions on important topics, recognizing scientific talent, improvement of science education and taking up other issues of concern to the scientific community. Summer Research Fellowships for students and teachers, Refreshers Courses for teachers, Lecture Workshops for students and teachers etc. are part of the programmes under Science Education.

Indian National Science Academy, New Delhi, founded in 1935, is a premier science Academy in the country, plays crucial role in promoting, recognizing and rewarding excellence. Another important task is to publish journals, organize scientific discussions and bring out proceedings and monographs.

The National Academy of Sciences, Allahabad, was founded in 1930. The main objective of the Academy is to provide a national forum for the publication of research work carried out by Indian scientists and to provide opportunities for exchange of views among them.

Mody University of Science and Technology, (Formerly Mody Institute of Technology and Science, established by the Rajasthan State Legislature and covered u/s 2(f) of the UGC Act, 1956). The Mody University of Science and Technology was established in the year 1998 by Shri. R.P.Mody is a true visionary who took an idea ahead of his time and founded Mody University exclusively for girls. Mody University of Science and Technology, adorned with greenery, is the perfect fusion of education, beauty and nature. **It is situated within 140 km drive on the Jaipur-Bikaner highway (NH-11).**

Objective of the Workshop: This Lecture Workshop is intended to benefit students and teachers at the undergraduate, graduate, postgraduate and research levels. It has been designed to have useful relevance to the curriculum covered in the post graduate, graduate and under-graduate programmes and will also cover some topics at the research level.

Topics to be covered:

- Concepts of science with emphasis on nano scale properties
- Synthesis of nanomaterials by soft-chemical and other non-conventional routes
- Characterization techniques of nanomaterials
- Environmental, Energy and healthcare applications

Invited Speakers:

1. **Prof. A. K. Ganguli**, Convener, FASc, FNASc
Director, Institute of Nano Science and Technology, Mohali
2. **Prof. A K Tyagi**, FASc, FNASc
Department of Chemical Science, BARC Mumbai
3. **Prof. Ratnamala Chatterjee**
Department of Physics, IIT Delhi
4. **Professor Rama Kant**, FASc
University of Delhi
5. **Dr. Jiban Jyoti Panda**
Institute of Nano Science & Technology, Mohali

How to Apply : University/College teachers and students at the undergraduate, graduate, post graduate & research level are requested to apply for participation by sending an application mentioning educational qualifications, address of communication, mobile number & e-mail address to the workshop coordinator by post/e-mail on or before **15 April, 2016**. **There is no registration fee to attend the workshop.** No TA/DA will be provided to the participants.