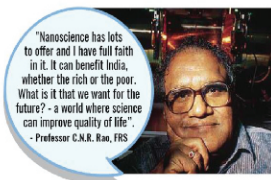


Nano Jatha LECTURE SERIES, ROADSHOW AND EXHIBITION

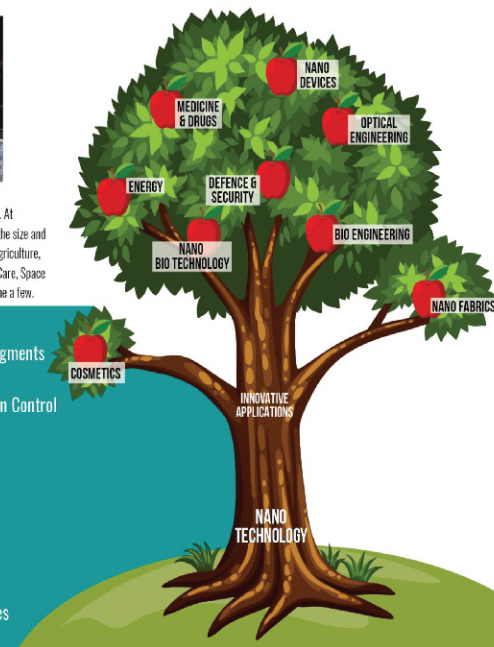
To showcase the current knowledge in nanoscience and technology, and to disseminate information about Bengaluru India Nano, Karnataka Science and Technology Promotion Society (KSTePS) is organizing in different parts of the country, special pre-events comprising lectures by expert scientists in the field, video shows, interactive sessions with the audience and exhibition that has several demonstrations illustrating nanoscience and technology.



Nanoscience and technology is omnipresent in the modern world. At nanoscale, matter behaves differently, depending sensitively on the size and shape. Contribution of NANO AGE is in every conceivable field, Agriculture, Industries, Biotechnology, Electronics, Communications, Health Care, Space Explorations, Energy, Material Sciences, and Environment, to name a few.

EXHIBITS INCLUDE

- From Nature's Palette: Colour without pigments
- Gulliver is Red, Lilliputs are Blue
- Pencils to Electrical Circuits: Graphene in Control
- Today I am Faraday
- When Gold is not Golden...
- Ferrofluids
- Louis Braille sees Atoms
- Full(erene) to Moon, with Football
- Nano makes/breaks Soapy Rainbows
- Electricity from Fruit Juice
- Water Treatment by Titania Nanoparticles
- Sugar Coating a Cricket Field



Last Date of Registration

25.01.2020

Last Date of Abstract Submission

30.01.2020

Registration Fee

Faculty/Research Scholar: ₹ 500

Student: ₹ 200
Registration fee can be paid online *

Theme

- Nanomaterials
- Nanoscience
- Nanotechnology

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Details of poster:

Poster must have title, name of authors and their affiliation.

Poster size:

Undergraduate students : Chart paper sheet (handmade or printed) 36"x 48" (portrait)

Research Scholar/ Faculty: 36" x 48" (portrait)

Awards will be given under the following categories:

- Undergraduate student
- Faculty/ Research Scholar

Note: Kindly send the receipt of online payment with the completed registration form to nrs2020mh@gmail.com

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NATIONAL WORKSHOP "Nano Road Show-2020"

1 February 2020
Miranda House
University of Delhi

Jointly organised by

Miranda House
Department of Chemistry
University of Delhi
Delhi-110007



*Inspiring Excellence
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Miranda House

Miranda House has a special place among the women's colleges of the University of Delhi. Its location in the heart of the University Campus, and its close interaction with the various Departments of the University and other campus colleges gives it a unique advantage. It welcomes interaction with other colleges and educational organizations across the country, actively engaging both men and women in all its extramural activities. The extremely distinguished list of alumnae imparts a sense of confidence and immense pride in students. Swadhyayanna pramaditavyam, the Upanishadic maxim in the college logo enshrines its understanding of what education must accomplish. Miranda House was given an Institutional Grade of A+ with CGPA 3.61 (Cumulative Grade Point Average) in 2017. It has the unique privilege of being awarded All India Rank One of NIRF amongst Colleges for 3 consecutive years, 2017, 2018 and 2019. Miranda House also has the honour of being ranked the No. 1 Science College by India Today in 2018-19. MH envisions a world where women have their rightful place and are given due recognition as leaders to reach the top positions in all sectors of human endeavour.

The Department of Chemistry, Miranda House has a learned and dedicated faculty complemented by industrious and motivated laboratory staff. Several faculty members are engaged in research and some are recognised as Ph.D. supervisors. For the last three years, the Department has been offering an add-on course in *Nanochemistry* which acquaints the enrolled students with the fundamentals of Nanoscience and frontiers of research in the field.



Department of Chemistry, IIT Delhi

The Department of Chemistry, established in September, 1963, is one of the twenty three Departments/Centers of IIT Delhi. The Department offers core courses in Chemistry for undergraduate B.Tech. students of Engineering in the Institute. In addition, it offers a two years M.Sc. programme and a Ph.D. programme in Chemistry. Doctoral and post-doctoral research is carried out in all major areas of chemical and allied sciences. Major thrust is in the areas of analytical chemistry, biochemistry, bioinformatics, polymers, organometallics, solid state & materials chemistry, nanomaterials, organic synthesis, carbohydrate chemistry, structural biology, molecular recognition, NMR methodology, X-ray crystallography, theoretical chemistry, computer simulations and others. The Department has a dedicated team of staff members and distinguished faculty, trained at renowned Institutes in India and abroad. The faculty members attract substantial financial support for their research activities from both governmental and private agencies. Several members of the faculty have been elected as fellows of various scientific academies and some have been awarded medals/prizes for distinction in their areas of research. The faculty has been active in organizing scientific meetings from time to time and they are being invited to deliver lectures at various national and international conferences and symposia. The Department offers a vibrant atmosphere to students and faculty to nurture the spirit of scientific inquiry and to pursue cutting-edge research in a highly encouraging environment.



SPEAKERS



Professor Ashok K. Ganguli, Institute Chair Professor, IIT Delhi

Ph.D. under Professor C. N. R. Rao (FRS), IISc Bangalore, 1990 Visiting Scientist (1990-1991), DuPont Company, Delaware. Post Doctoral Associate (Professor J. D. Corbett, F.N.A. Sc. USA 1991-1993), Ames Laboratory, Iowa State University (Ames, Iowa), Indian Institute of Technology Delhi, 1995-present, Sudborough Medal (IISc) 1990. Materials Research Society of India (MRSI) Medal (2006) for significant contribution to material science. CRSI medal (2007) for contribution to chemistry. Fellow of Indian Academy of Sciences, Fellow of National Academy of Sciences, Fellow of the Royal Society of Chemistry, Awards: 9th Prof. C.N.R. Rao Bangalore India Nano Science Award by Karnataka Science and Technology Promotion Society (KSTePS), Government of Karnataka.



Professor Ashwini K. Agrawal

Dr. Ashwini K. Agrawal is Professor at the Department of Textile Technology, IIT Delhi. He is also an alumnus of this institute and graduated with silver medal from IIT Delhi in 1986 after completing his B. Tech. degree in Textile Technology. He obtained M.S. and Ph.D. degrees in Chemical Engineering from the University of Rochester, Rochester, New York, USA in 1992. He returned to his almamater in 1995 as a faculty after working in the US. His main areas of teaching and research interest are smart and intelligent textile materials, nano-materials, plasma processing, and fiber manufacturing.



Professor Kedar B. Khare

Areas of Interest: Optics/Photonics, Computational Imaging, Inverse Problems, Signal Processing, Compressive Sensing, Ph.D. (Optics), The Institute of Optics, University of Rochester, NY, USA (2004).June 2004-September 2006 (Research Associate, University of Rochester, NY, USA).October 2006- November 2011 (Lead Scientist, General Electric Global Research, Niskayuna, NY, USA), December 2011- present (Indian Institute of Technology, Delhi).