

**INDIAN INSTITUTE OF TECHNOLOGY MANDI
&
SOCIETY FOR NANBIOTECHNOLOGY**

ANNOUNCES

**2nd National Symposium
on
Nanobiotechnology (NSNB-2013)
&
Transmission Electron Microscopy Workshop**



9-11 December 2013

Venue:

**Indian Institute of Technology Mandi
Kamand Campus
Mandi-175 005, Himachal Pradesh**

ABOUT THE SYMPOSIUM

Inherent nanoscale dimension of biological molecules and systems makes the alliance between nanotechnology and biotechnology imperative. This symposium focuses on nanotechnology's interdisciplinary nature, highlighting cutting-edge R&D in nanomedicine, bioscaffolding, nanotechnology in efficient target specific drug delivery and release, nanotoxicology, nanobiointerface and nanomaterials. Speakers are drawn from a rich pool of pioneering scientists from across the country. The participants will have the opportunity not only to learn about the latest advancements in the field from top notch scientists, but also to present their own work as posters and network with their peers. The Society for Nanobiotechnology that has been formed during the first NSNB will be formally launched

A dedicated poster session is the highlight of the symposium. There are cash prizes for top three posters. Participants, especially students from far away places may be offered financial assistance for traveling by train (second class) and by bus.

ABOUT THE WORKSHOP

Invention of advanced microscopes is one of the reasons for the rapid emergence of nanotechnology. IIT Mandi has a dedicated electron microscopy facility that houses a 200 kV Cryo-TEM with state of the art sample preparation facilities. Quality of images from TEM depends on a lot of factors such as the sample preparation, pre-treatment and the experience and ability of the operator. Thus, TEM imaging is more of an art that needs extensive training. The two day TEM workshop will be conducted by the best experts in the field. The workshop will include lectures and hands on training on sample preparation techniques and TEM imaging. Number of participants will be restricted for the workshop. Preference will be given to youngsters whose research involves extensive use of TEM.

IMPORTANT DATES

- Submission of abstract / applying to attend workshop: 18th October 2013
- Intimation of acceptance of abstract / participation in workshop: 31st October 2013
- Registration form submission and Fee payment: 15th November 2013

ABOUT IIT MANDI

Indian Institute of Technology Mandi is one of the 15 IITs in India and is located in a picturesque location at Mandi, Himachal Pradesh. The Institute offers undergraduate and post graduate courses in the fields of engineering, technology, science and humanities. The focus of IIT Mandi is to spearhead cutting edge research and development of technologies needed by the world in the years to come. The upcoming campus located in Kamand village which is about 20 km away from the Mandi town. River Uhl flows through the campus, which makes the campus more scenic. The weather at Mandi in December is expected to be cold with temperature ranging between 8 °C – 20 °C.

CONTACT US

For further information and latest updates, write to us at “2013nsnb@gmail.com” or visit our website <http://iitmandi.ac.in/nsnb/>

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National advisory committee

Prof. T. A. Gonsalves, Director, IIT Mandi

Prof. N. Satyamurty, Director, IISER Mohali

Prof. Ashok Ganguly, Director Institute of Nanoscience and Nanotechnology, Mohali

Dr. S.P. Ahuja, Director, IHBT, Palampur

Dr. K. Murulidharan, Director, Directorate of Materials, DRDO H.Q.

Prof. S. Sundar Manoharan, Director, National Centre for Nanoscience and Nanotechnology, University of Mumbai

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Prof. Subrata Ray, IIT Mandi

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Dr. S. G. Ansari, Jamia Millia Islamia University New Delhi

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Organising committee

Dr. Prem Felix Siril, Convenor

Dr. Subrata Ghosh, Co-convenor

Dr. Chayan Kanti Nandi Organising secretary

Members

Dr. Venkata Krishnan, SBS, IIT Mandi

Dr. Satinder Sharma, SCE, IIT Mandi

Dr. Tulika Srivastav, SBS, IIT Mandi

Dr. Niraj Sinha, IIT Kanpur

The Society for Nanobiotechnology (SNB)

Nanobiotechnology is that branch of nanotechnology that deals with biological and biochemical applications or uses. It is a highly interdisciplinary subject at the interface of nanotechnology and biotechnology. The potential uses and benefits of nanobiotechnology are enormous. Nanobiotechnology has potential to revolutionaries medical, food and agricultural technologies. No real development in this emerging frontier of technology is possible without interdisciplinary collaborative efforts. The 'Society for nanobiotechnology (SNB)' was formed with its headquarters at IIT Mandi to foster such interdisciplinary collaboration. Infact, the primary objective for organizing the national symposium is to launch the activities of SNB and to review the recent progress in the field of nanobiotechnology.

Registration fee for symposium only (+ for TEM workshop)		
	On or before 15 th November 2013	After 15 th November 2013
Faculty Members / Scientists	Rs. 1,000/- (+ 2,000/-)	Rs. 1,250/- (+ 2,500/-)
Industrial delegates	Rs. 1,500/- (+ 3,000/-)	Rs. 1,750/- (+3,500/-)
Students	Rs. 250/- (+1,000/-)	Rs. 300/- (+1,250/-)

Places of interest nearby

Prashar lake is 25 km away from Kamand campus, with a three storied pagoda-like temple dedicated to the sage Prashar. The lake is located at a height of 2730 m above sea level and surrounded by snow-capped peaks.

Manali one of the most popular Hiamalayan tourist towns is nearly 80 km from Kamand

Manikaran known for its hot springs is also 80 km from Kamand

Barot A nice picnic spot situated at a distance of 33 km from Mandi on the Mandi - Pathankot Highway. It is famous for trout fishing and a ropeway that attracts the tourist.