

## Advisory Committee

1. Prof. S. Mohan, Centre for Nanoscience and Engineering, IISc Bangalore.
2. Dr. Chandra Prakash, SSPL, New Delhi.
3. Dr. Harsh, Former Associate Director DRDO.
4. Dr. L. Radhapiyari Devi, SSPL, New Delhi.
5. Prof. M. Husain, Director Centre for Nanoscience and Nanotechnology, JMI, New Delhi.
6. Prof. Arun Chattopadhyay, IIT Guwahati.
7. Prof. Sukumar Nandi, IIT Guwahati.
8. Prof. Prabin K. Bora, IIT Guwahati.
9. Prof. H. N. K. Sarma, Vice Chancellor, Manipur University, Canchipur.
10. Prof. Sumitra Phanjoubam, Manipur University, Canchipur.
11. Prof. K. P. Ghatak, NIT Agartala, Agartala.
12. Prof. C.K. Sarkar, Jadavpur University, Kolkatta.
13. Prof. S. Bhattacharjee, IISc Bangalore.
14. Prof. Arora, IIT Mumbai.
15. Prof. W. L. Fremen, Indiana University.
16. Prof. D. N. Talwar, Indiana University of Pennsylvania, USA.
17. Dr. P. G. Rao, Director, RRL Jorhat.

## ORGANISING COMMITTEE

### Chief Patron

**Prof. (Dr.) P.K. Bose**  
Director, NIT Manipur.

### Chairman

**Dr. Kh. Manglem Singh**  
Department of Computer Science and Engineering  
NIT Manipur

### Convenor

**Dr. Yumnam Rohen Singh**  
Department of Basic Sciences and Humanity  
NIT Manipur

### Organising Secretary

**Dr. Ibetombi Soibam**  
Department of Basic Sciences and Humanity  
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## NATIONAL WORKSHOP ON

## Nanotechnology and its Application in Science and Engineering NASE-2013

23<sup>rd</sup> and 24<sup>th</sup> March, 2013.



*Organised By*

**National Institute of Technology Manipur**

*Venue*

**National Institute of Technology Manipur**  
Govt. Polytechnic Campus,  
Taklepat, Pin-795001  
Manipur, India.

## ABOUT THE INSTITUTE:

National Institute of Technology Manipur, a centrally funded institution is set up to impart quality technical education at various levels of higher learning. It is one of the ten new NITs established with Deemed to be University status and would become a National Centre of Excellence. NIT Manipur started its first session with the three branches of Engineering-Electrical & Electronics Engineering, Electronics & Communication Engineering and Computer Science & Engineering. It is presently functioning in its temporary Campus at Takyelpat, Imphal under the mentorship of NIT, Agartala. The Institute has acquired 138.2 hectares of land in the lush green areas of Langol, Imphal. Plan for construction at the Permanent Site has already been started.

## ABOUT THE CITY

Manipur is in the easternmost part of India. It is one of the loveliest spots in the world with mountains, valleys, lakes, different cultures, sports and good climate. Imphal is the capital of Manipur, located between 24°49'N & 24°82'N latitude and 93°57'E & 93°95'E longitude. It is the centre of all cultural, commercial and political activities of the state. Situated at an average altitude of 786 m above the sea level, Imphal has moderate temperature. Summer is from April to June, monsoon from July to September, post monsoon from October to November and winter from December to March. Summer has a temperature range of 17°C to 30°C and winter minimum can touch down to freezing sub zero temperature.

Imphal is well connected with daily flights to Guwahati, Kolkata, Bangalore and Delhi and other destinations in and outside NE Regions. Three National Highways, viz., NH 39, NH 53 and NH 150 connect Imphal with other states of India. NH 39 links Imphal with railhead at Dimapur in Nagaland, 215 km. to the north. NH 53 links Imphal with railhead at Jiribam, 225 km. in the South-West. With the coming of Jiribam to Tupul railway line, which is in progress, Imphal will be much closer to the rest of India.

## ABOUT THE WORKSHOP

Nanotechnology is a multidisciplinary science which has roots in fields like colloidal science, device physics, supra molecular chemistry etc. The workshop will aim at providing knowledge to research workers, students and faculty, so that they will be able to deal with nanotechnology and its application to science and engineering. It also makes a good platform to young brains (M. Tech/M. Sc. Students, Research scholars and young faculty/scientist) to work together in this area. There will be lecture sessions by eminent speakers who are continuing research in this area.

The workshop plans to cover all the dimensions of nanotechnology and its applications. Broad areas of interest include

- Introduction to nanotechnology
- Applications of nanotechnology in science
- Applications of nanotechnology in engineering
- Introduction to patent
- Patent writing

## Important Dates:

Last date of submission : **28<sup>th</sup> February, 2013.**  
Notification of acceptance : **10<sup>th</sup> March, 2013.**  
Registration due : **21<sup>st</sup> March, 2013.**

## REGISTRATION FORM

### National Workshop On **Nanotechnology and its Application in Science and Engineering** **NASE-2013** **23-24 March, 2013**

Name (in block letters): \_\_\_\_\_

Present Position : \_\_\_\_\_

Age/Sex : \_\_\_\_\_

Affiliation : \_\_\_\_\_

Research Experience : \_\_\_\_\_ Years: \_\_\_\_\_

Months: \_\_\_\_\_

Research Area : \_\_\_\_\_

Number of Publications : \_\_\_\_\_ National: \_\_\_\_\_

International: \_\_\_\_\_

Address for Correspondence : \_\_\_\_\_

Telephone Numbers : (O) \_\_\_\_\_ (R) \_\_\_\_\_

Mobile: \_\_\_\_\_

*Signature of the Candidate*

This is to certify that Dr./Mr. Ms.....  
..... is a Faculty/ Ph.D./M.Sc./  
B.Tech./M.Tech. student in the Department since.....

*Signature and Seal of the HOD/Principal*