

**REGISTRATION FORM
A FIVE DAYS WORKSHOP
ON**

**ADVANCED NANOMATERIALS & THEIR
APPLICATIONS-(I, II, III, IV)**

02nd November 2020 to 21th November 2020.

Name: _____

Gender: _____

Highest Qualification: _____

Designation: _____

Department: _____

Organization: _____

Mailing Address: _____

Phone No: _____

Email Id: _____

Mode of Payment (Demand Draft/Cash):

Amount(Rs):

DD Date: DD No:

Bank Name:

Date:

Signature of the applicant.

I hereby forward and recommend the above applicant for attending a five-day workshop on “**Nanomaterials and its Application**” during 2nd to 21th November 2020, at NIT Manipur.

Signature of Head of Department/ Institute with seal.

PATRON

Prof. (Dr.) Goutam Sutradhar
Director, NIT Manipur.

WORKSHOP CONVENER

Dr. Bibhu Prasad Swain
Associate Professor,
Department of Physics, NIT Manipur

ADVISORY MEMBERS

Prof. Kh. Manglem Singh, Professor, CSE, NIT Manipur
Prof. Rajesh Kr. Bhushan, Professor, ME, NIT Manipur
Dr.P. Albino Kumar, Assoc. Prof. CE, NIT Manipur
Dr. Bakimchandra, Assoc. Prof. CE, NIT Manipur
Dr. Th. David Singh, Assoc. Prof. Chem, NIT Manipur
Dr. Yumnam Rohen, Assoc. Prof. Maths, NIT Manipur
Dr. Dinamani Singh, Assoc. Prof. Maths, NIT Manipur
Dr. Ibetombi Soibam, Assoc. Prof. Physics, NIT Manipur
Dr. Chandi C Malakar, Asst. Prof. Chem., NIT Manipur
Dr. Mithun Roy, Asst. Prof. Chem., NIT Manipur
Dr. Mamata Maisnam, Asst. Prof. Physics NIT Manipur
Dr. Y. Jina Chanu, Asst. Prof. CSE., NIT Manipur
Dr. Anil Kr Birru, Asst. Prof. ME, NIT Manipur
Dr. Dushyant Singh, Asst. Prof. ME, NIT Manipur
Dr. Sunil Panday, Asst. Prof. Maths, NIT Manipur
Dr. Ashish Ranjan, Asst. Prof. ECE, NIT Manipur
Dr. L Herojit Singh, Asst. Prof. Physics, NIT Manipur
Dr. Mrinal K. Sarkar, Asst. Prof. EE, NIT Manipur
Dr. Sh. Lenin Singh, Asst. Prof. Physics NIT Manipur

ADDRESS FOR COMMUNICATION

Dr. Bibhu Prasad Swain
Associate Professor
Department of Physics
bibhuprasad.swain@gmail.com
Mobile: (+91) 8016574105
(+91) 9366606962

**FIVE DAY WORKSHOP
ON
ADVANCED NANOMATERIALS
AND THEIR APPLICATIONS
(I, II, III & IV)**



Sponsored by

**Technical Education Quality
Improvement Programme-III**

Organized by

**DEPARTMENT OF PHYSICS
NATIONAL INSTITUTE OF TECHNOLOGY
MANIPUR LANGOL, MANIPUR, IMPHAL,
INDIA- 795004**

www.nitmanipur.ac.in

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 and developed as Institute of National Importance. The functioning of the institute was started at its temporary Campus at Takyelpat, Imphal under the mentorship of NIT, Agartala. The Institute has acquired 341 hectares of land in the lush green areas of Langol, Imphal. The Institute now has five branches of Engineering viz. CSE, EEE, ECE, Civil, Mechanical and Basic Sciences and Humanities Department and opened courses on B. Tech., M. Tech., M. Sc., and Ph.D.

ABOUT WORKSHOP

The workshop is focused on Advanced Nanomaterial for Nanoengineering and recent advances in nanotechnology which covering fields from experiment to applications of nanostructured materials in technology. It gives an overview of nanostructured materials applied in the fields of physics, chemistry, biology, medicine, and materials science etc. The materials for different applications in engineering such as those used in optoelectronics, energy, thermoelectric, nanobiotechnologies, nanocomposites, catalysis, reinforcement and many more have been covered in the workshop. It will be of interest to faculty, researchers and students who want to learn about applications of nanostructured materials in engineering.

RESOURCE PERSONS

- Prof. Debabrat Pradhan
Materials Research Center
Indian Institute of Technology Kharagpur
- Prof. Saket Asthana
Department of Physics
Indian Institute of Technology Hyderabad
- Prof. Bibhuti Bhusan Nayak
Department of Ceramics Engineering
National Institute of Technology Rourkela

- Prof. Deepak Kumar Pattanayak.
CSIR-Central Electrochemical Research
Institute, Karaikudi, Tamil Nadu- 630006,
- Prof. Umasankar Patro
Department of Metallurgy and Materials Engineering
Defense Institute of Advanced Technology, Pune
- Prof. Satyajit Sahu,
Department of Physics
Indian Institute of Technology Jodhpur
- Prof. Dillip Kumar Pradhan
Department of Physics
National Institute of Technology Rourkela
- Dr. Saumya R. Mohapatra
Department of Physics
National Institute of Technology Silchar
- Prof. Pankaj Patro
Powder Metallurgy Division (Vashi)
Bhabha Atomic Research Centre
- Prof. Naresh Kumar
Department of Physics
Motilal Nehru National Institute of Technology
Allahabad
- Prof. Soobhankar Pati
School of Minerals, Metallurgical & Materials
Engineering
Indian Institute of Technology Bhubaneswar
- Prof. Shantanu Kumar Behera
Department of Ceramics Engineering
National Institute of Technology Rourkela
- Dr. Kanhu Charan Barik
Chemistry Division
Bhabha Atomic Research Centre, Mumbai
- Dr. Jyotsnendu Giri
Department of Biomedical Engineering
Indian Institute of Technology Hyderabad
- Prof. Nanda Kishore Prasad
Department of Metallurgical Engineering
Indian Institute of Technology Banaras

- Prof. Paritosh Mahanty
Department of Chemistry
Indian Institute of Technology Roorke
- Prof. Shashi Bhusan Arya
Metallurgy and Metallurgical Engineering
National Institute of Technology Surtkal
- Prof. V Ganeshan
Surface and Nano-Science Division
Indira Gandhi Centre for Atomic Research
- Prof. Minhaz Hushein
Department of Physics
Indian Institute of Engineering Science and Technology
(IEST), Shibpur
- Prof. Dr. Sudhanshu Shekhar Pati
Department of Chemistry
National Institute of Technology Jamsedpur

TARGET AUDIENCE

Faculty Members/Research Scholars/ PG students from Universities, Colleges, NITs, IITs, IIITs, Engineering Colleges and other Institutions of Higher Education.

Date	Time	Resource person	Institute
Workshop I			
02/11/2020	12-01 PM	Prof. Debabrat Pradhan	IIT Kharagpur
03/11/2020	12-01 PM	Prof. Saket Asthana	IIT Hyderabad
04/11/2020	12-01 PM	Prof. Bibhuti B. Nayak	NIT Rourkela
05/11/2020	12-01 PM	Prof. Deepak Kr Pattanayak	CSIR Karaikudi
06/11/2020	12-01 PM	Prof. Umasankar Patro	DIAT, Pune
Workshop II			
07/11/2020	12-01 PM	Prof. Satyajit Sahu	IIT Jodhapur
08/11/2020	12-01 PM	Prof. Dillip Kr Pradhan	NIT Rourkela
09/11/2020	12-01 PM	Prof. Saumya R. Mohapatra	NIT Silchar
10/11/2020	12-01 PM	Prof. Josnendu Giri	IIT Hyderabad
11/11/2020	12-01 PM	Prof. Pankaj Patro	BARC Mumbai
Workshop III			
12/11/2020	12-01 PM	Prof. Soobhankar Pati	IIT Bhubaneswar
13/11/2020	12-01 PM	Prof. Kanhu Ch Barik	BARC Mumbai
14/11/2020	12-01 PM	Prof. Shantanu Kr Behera	NIT Rourkela
15/11/2020	12-01 PM	Prof. Nanda Kishore Prasad	IIT BHU
16/11/2020	12-01 PM	Prof. Naresh Kumar	NIT Allhabad
Workshop IV			
17/11/2020	12-01 PM	Prof. Shashi Bh. Arya	NIT Surthkal
18/11/2020	12-01 PM	Prof. Paritosh Mahanty	IIT Roorke
19/11/2020	12-01 PM	Prof. V Ganeshan	IGCAR, Kalpakkam
20/11/2020	12-01 PM	Prof. Minhaz Hushein	IEST Shibpur
21/11/2020	12-01 PM	Prof. Sudhanshu Sh. Pati	NIT Jamsedpur

REGISTRATION DEADLINE

The participants are requested to register for the workshop on or before 5 pm on 24 October 2020. Spot registration is also allowed on the first day.

BOARDING & LODGING

The mode of workshop is an online nature. Hence no boarding, lodging, and travel expenses by the participants. No TA/DA will be paid to the participants by NIT Manipur.

VENUE OF WORKSHOP

Department of Physics, NIT Manipur
(All lectures will be delivered by google meet only)

REGISTRATION FEE

There are no registration fees for participants.

ABOUT THE CITY

Imphal is the capital city of Manipur, one of the sister states of northeastern India. It is located between 24°49'N & 24°82'N latitude and 93°57'E & 93°95'E

longitude. Situated at an average altitude of 786 m above the sea level, Imphal has a moderate climate adorned with the beautiful landscapes. It is the center of all cultural, commercial, and political activities of the state.

WAY TO NIT MANIPUR

The campus is around 3.5 Km from the main market area of Imphal City. The nearest airport is located at a distance 10 km from the campus. It is just 10 minutes ride from the campus. Imphal can be reached through National Highway No2 and 37. The nearest railway station is Dimapur and it takes around 8 hrs by bus from Dimapur to reach Imphal.