

## REGISTRATION FORM

### Five Day Workshop On

Computational & Analytical Methods in  
Physics & Mathematics,  
19- 23 February, 2019

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Registration fee Details

Amount: \_\_\_\_\_

Mode of Payment: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Applicant

I hereby forward and recommend the above  
applicant for attending the workshop on  
“*Computational & Analytical Methods in Physics  
& Mathematics*”, 19-23 February 2019.

Signature of  
Head of Institute with seal.

### Patron

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

### Coordinator

Dr. Sh. Lenin Singh  
Dr. Chanam Barchand  
Dr. S. Surendra Singh

### Advisory Members

Dr. S. Ibetombi Devi  
Dr. Bhibu Prasad Swain  
Dr. Anil Kumar Birru  
Dr. C. C. Malakar  
Dr. Sunil Panday  
Dr. Y. Rohen Singh  
Dr. L. Herojit Singh

### Address for Communication

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## FIVE DAY

### Workshop On

COMPUTATIONAL &  
ANALYTICAL METHODS  
IN  
PHYSICS & MATHEMATICS

19- 23 February, 2019



Sponsored by:

Technical Education Quality  
Improvement Programme – III

Organized by

Department Of Mathematics and  
Department Of Physics  
National Institute of Technology Manipur,  
Imphal-795004 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 and developed as Institute of National Importance by an act of Parliament. NIT Manipur started its first session with the three branches of Engineering-Electrical & Electronics Engineering, Electronics & Communication Engineering and Computer Science Engineering. The functioning of the institute was started at 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 and started its functioning at its permanent campus since 2014. This Institute now has five branches of Engineering viz CSE, EEE, ECE, Civil, Mechanical and Basic Sciences and Humanities Department and open courses on B. Tech., M. Tech., M. Sc. and Ph. D.

## ABOUT THE DEPARTMENT

The Department of Physics, Mathematics and Computing came into existence in the year 2014. The departments have qualified and devoted faculty members with specializations in physics, pure and applied mathematics. Presently the departments offer M. Sc. and Ph. D. program. M.Sc program offers Mathematics and computing.

## ABOUT THE IMPHAL CITY

Imphal is the capital of Manipur, a state in the north eastern India.. It is one the the loveliest spots in the different cultures, sports and good climate. It is the center of all cultural, commercial and political activities of the state. On the Imphal River, Kangla Fort was once the seat of local rulers and now houses relics. On the south side of the centuries old pologround, Manipur State Museum has displays including tribal artifacts and a large royal boat. Next to the former Royal Palace, Shri Shri Govindaji Temple has twin domes, a large hall and shrines to Hindu gods

## ABOUT THE WORKSHOP

### OBJECTIVE

To provide participants the exposure of skills of MOLECULAR DYNAMICS SIMULATION, STOCHASTIC SIMULATIONS, LATEX, SCI-LAB and DATA ANALYTIC METHODS, etc. At the end of workshop the participants are expected to have clear understanding of basics and skills of these programs. The key point is to demonstrate the techniques of solving problems on theory, modelling, numerical solutions and simulation of engineering, science and technology.

### COURSE CONTENT

1. Introduction to SCI-LAB and Latex
2. Computational Astrophysics
3. Molecular Dynamics Simulations
4. Stochastic Based Simulations
5. Discrete Element Methods

## TARGET PARTICIPANTS

- Research scholars and faculty members from educational institutions are welcome.
- Payment should be made only after the initial confirmation
- The total intake: 40
- Limited accommodation may be arrange for outstation participants on payment basis and first come first serve.

## REGISTRATION DETAILS

**Reg. Fee: Rs. 500/-**

### Deadlines:

- Receipt of Application: 15.02.19
- Confirmation: 18.02.19
- Registration Fee payment: 19.02.19
- On spot registration may avail for outstation participants.
- No TA/DA will be paid for participants.

***Experts***

Prof. Kinsuk Giri, NITTTR, Kolkata  
Prof. Anki Reddy, IIT Guwahati  
Prof. R.K. Brojen, JNU, New Delhi