

REGISTRATION FORM

One Week Workshop On

Pure and Applied Mathematics,
11- 15 December 2018

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 “*Pure and Applied Mathematics*”, 11-15 December 2018.

Signature of
Head of Institute with seal.

Patron

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

Coordinator

Dr. Chanam Barchand
Dr. S. Surendra Singh

Advisory Members

Dr. Y. Rohen
Dr. Sunil Panday
Dr. Anil Kumar Birru
Dr. C. C. Malakar
Dr. O. Bankimchandra
Dr. Sh. Lenin Singh
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ONE WEEK

Workshop On

**PURE AND APPLIED
MATHEMATICS**
11- 15 December 2018



Sponsored by:

**Technical Education Quality
Improvement Programme – III**

Organized by

**Department Of Mathematics
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 Mathematics and Computing came into existence in the year 2014. The department has qualified and devoted faculty members with specializations in pure and applied mathematics. Presently the department offers 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

The purpose of this course is to expose students, young researchers and faculty members to cutting-edge research in the Numerical analysis, Algebraic number theory, Mathematical physics and complex analysis. In this course, eminent mathematicians will give discourse on designing mathematical models and clear understanding of basics and new techniques of this course. The key point is to foster interaction among researchers from both industry and academia.

COURSE CONTENT

1. Numerical methods and its applications
2. Modeling and its analysis in relativistic cosmology
3. Modified theories
4. Extremal properties of polynomials and location of zeros
5. Algebraic number theory

TARGET PARTICIPANTS

- M.Sc. students, 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/-

Dead Lines:

- Receipt of Application: 03.12.18
- Confirmation: 07.11.18
- Registration Fee payment: 07.11.18
- On spot registration may be avail for outstation participants.
- No TA/DA will be paid for participants.

Experts

Eminent Professors and experts from NITs, IITs and other reputed institutions.