

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 in 2007. NIT Manipur started its first session with the three branches of Engineering – Electrical and Electronic Engineering, Electronics and 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 Agatala. As one of the National Institute of Technology (NIT), the institute has the responsibility of providing high quality education in Engineering, Technology and Science to produce competent and scientific manpower for the country. The institute has acquired 341 hectares of land in the lush green areas of Langol, Imphal. The institute now has five departments of Engineering viz CSE,EEE, ECE, Civil, Mechanical and three departments of Basic Sciences viz Mathematics, Physics, Chemistry and one Humanities Department. The institute offers B.Tech, M.Tech, M.Sc and Ph.D programmes in several disciplines of Engineering, Technology, Sciences and Humanities.

ORGANISING COMMITTEE

PATRON

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

COORDINATOR

Dr. Sanasam Surendra Singh
Assistant Professor,
Department of Mathematics, NIT Manipur

ADVISORY MEMBERS

Prof. Kh. Manglem Singh, CSE, NIT Manipur
Dr. Bakimchandra Oinam, Dept. of Civil, NIT Manipur
Dr. Ch. Barchand Singh, Dept. of Mathematics, NIT Manipur
Dr. Y. Rohen Singh, Dept. of Mathematics, NIT Manipur
Dr. S. Ibetombi Devi, Dept. of Physics, NIT Manipur
Dr. Th. David Singh, Dept. of Chemistry, NIT Manipur
Dr. Mamta maisnam, Dept. of Physics, NIT Manipur
Dr. L. Herojit Singh, Dept. of Physics, NIT Manipur
Dr. Sunil Panday, Dept. of Mathematics, NIT Manipur
Dr. C. C. Malakar, Dept. of Chemistry, NIT Manipur
Dr. Mithun Roy, Dept. of Chemistry, NIT Manipur
Dr. Anil Kumar Birru, Dept. of ME, NIT Manipur
Dr. Sh. Lenin Singh, Dept. of Physics, NIT Manipur

An Online Faculty Development Programme

On

An Introduction to Statistics in Engineering

15-19 March, 2021



Sponsored by

All India Council for Technical Education (AICTE), Govt. of India

Organised by

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

ABOUT THE FDP

Statistics is rapidly emerging to play a major role in research, engineering, biomedical and economics. The essence of statistics before executing any type of research becomes an indispensable part. This Faculty Development Programme is designed particularly to cover the concepts of basic and advanced statistical methods applicable to Researchers and Faculty of engineering courses. It will enhance the teaching, research and other skills of the faculty. And to make them aware about modern teaching tools and methodologies. The main objective of this FDP is to bring together Faculty members of AICTE recognized Universities and Engineering colleges all over North-East India to discuss various applications of Statistics and its tools in Engineering. It is intended to stimulate interests in the minds of researchers and faculties and to help them enhance the quality of their research processes and teaching. This online FDP will provide an opportunity to researchers and faculties to learn the current trend of application of statistics and its tools in engineering.

TOPICS TO BE COVERED

The thrust areas of the FDP includes:

- Introduction and need of statistical tools
- Data collection, preparation and reporting

- Basic statistical tools
- Estimation and Test of Hypothesis
- Linear regression modelling
- Correlation analysis
- Exposure to other topics of Statistics
- Analysis of Data

RESOURCE PERSONS

- Prof. B.K. Sinha (Retired Prof. ISI Kolkata)
- Prof. Manisha Pal (University of Calcutta)
- Prof. Salam Opendra Singh (Manipur University)
- Prof. S. B. Bagchi (Emiritus Professor, University of Engineering and Management, Kolkata)
- Dr. S. Surendra Singh (NIT Manipur)

TARGET PARTICIPANTS

Faculty members of AICTE recognized Universities and Engineering colleges all over North-East India.

REGISTRATION FEE

There is no registration fees for participants.

REGISTRATION DEADLINE

The participants are requested to register for the online FDP on or before 13th March, 2021. Course schedule and Google Meet/Webex meeting links will be shared to the participants on or before 14/03/2021.

Kindly register through this link:

<https://cutt.ly/NkTJuKe>

Venue

National Institute of Technology Manipur
Imphal

ADDRESS FOR COMMUNICATION:

Dr. Sanasam Surendra Singh

fdpstatistics.nitmn@gmail.com

Ph. 9863331400