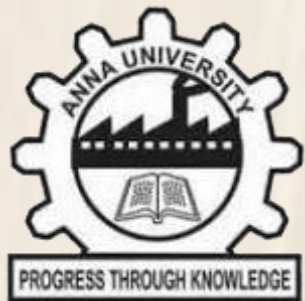


## **TWO-DAY SEMINAR ON STATISTICS AND NUMERICAL METHODS**

**14<sup>th</sup> & 15<sup>th</sup> March 2024**



**Organized by**

**Department of Mathematics  
University College of Engineering  
BIT Campus, Anna University  
Tiruchirappalli.**

**FREE REGISTRATION**

**VENUE: C204 – C Block,  
UCE-BIT CAMPUS  
ANNA UNIVERSITY, TRICHY.**

### **ABOUT UCE -BIT- CAMPUS**

University College of Engineering (UCE), BIT Campus, Anna University, Tiruchirappalli has been established in 1999 and now functioning as a constituent college of Anna University, Chennai. UCE-BIT Campus, Anna University has become sufficiently multifaceted with 16 Teaching Departments including some specialized programmes. Our institute has NBA Accreditation and offers 10 BE/ B.Tech. Undergraduate degree programmes, 8 M.E/ M.Tech Master's degree programmes along with MBA, MCA and Ph.D. programmes in all discipline with 4628 students in the campus. We are the TEQIP II sponsored institution with UGC 2f 12B status. The unique dimension of the institute's educational profile harnesses the research and teaching interests of the faculty to forge its own character and to being an extra value-addition to it. Our institute has 2 Centers funded by DST and AICTE. UCE, BIT Campus received research and consultancy from various funding agencies of India for a total value of 300 Million Rupees. We are the recipient of Anna University Patent Awards for three successive years. Our

students grab Hackathon titles for 5

consecutive years from various Ministries of Government of India. The Institution works towards developing partnerships with industries and academic institutes to provide quality education opportunities for entrepreneurial development by having EDII-Anna Business Incubation Research Foundation. We also have EDII-Academic Innovation Entrepreneurship Development Programme Hub funded by Government of Tamil Nadu. The main objective of the institute is to generate a horde of highly creative professionals, who can contribute not only to the Human Resource Development and also to Nation building exercise.

### **ABOUT THE DEPARTMENT**

The Department of Mathematics, one of the pioneering departments in the instituting was established in 1999 and it offers assistance to many Under-Graduate and Post-Graduate programmes in Engineering and Technology. It provides a strong mathematical foundation and the necessary computation skills to handle industrial and research problems for the students. It comprises highly qualified and experienced faculty who engage actively in teaching and research. The fields of research of the department include Optimization Techniques, Queuing Theory, Differential Equations, Fuzzy Mathematics and Graph Theory.

## ABOUT THE PROGRAMME:

The study and manipulation of data, including methods for gathering, examining, analyzing, and deriving conclusions from data, is known as statistics. It is a crucial component of investment and can be found in practically every sector of a business. The primary focus of this program is the first-year engineering course "Statistics and Numerical Methods," which is entirely student-centered. The two main domains of statistics descriptive and inferential are covered in its design. Students enrolled in this program will gain knowledge of various sampling strategies which are employed in the compilation of statistical data. The main themes of the program is

- To acquire knowledge in hypothetical testing for small and large samples which plays an important role in real life problems
- To gain knowledge in designs of experiments

Numerical analysis is regarded as the most important subject since it is applied in all engineering and physical scientific fields. The curriculum is designed to improve students' understanding of numerical approximation for mathematical analysis issues. By the completion of the session, the participant will have learnt about approximation

techniques and computing approaches. The main subjects of the program include methods for solving systems of simultaneous equations, algebraic and transcendental equations, numerical differentiation, and numerical integration.

## RESOURCE PERSONS

**Dr.P. Saikrishnan**  
**Professor**  
**Department of Mathematics**  
**National Institute of Technology, Trichy**

**Dr. T. Jai Sankar**  
**Professor and Head**  
**Department of Statistics**  
**Bharathidasan University, Trichy**

**Dr.B. Sundaravadivoo**  
**Associate Professor**  
**Department of Mathematics**  
**Central University of Tamil Nadu**  
**Thiruvavur**

**Dr. S. Suresh**  
**Assistant Professor**  
**Department of Statistics**  
**University of Madras**

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*Head, Department of Mathematics*

UCE- BIT Campus, Trichy.

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*Assistant Professors of Mathematics*

*UCE- BIT Campus, Trichy.*

## REGISTRATION LINK:

<https://forms.gle/uHC6JryzUGWzvkbT9>

