

*One Week*

# FACULTY DEVELOPMENT PROGRAMME ON “RECENT TRENDS IN RESEARCH AND APPLIED STATISTICS”



**15<sup>th</sup> to 22<sup>nd</sup> December, 2021**

## Organized by

*Department of Networking and Communications,  
School of Computing,  
College of Engineering and Technology (CET)  
SRM Institute of Science and Technology,  
Kattankulathur - 603203*

## ABOUT THE INSTITUTION

SRM Institute of Science & Technology was initially started as SRM Engineering College in the academic year 1985-1986 at Kattankulathur, Kancheepuram District, Tamil Nadu. SRMIST was established in the year 2003 and the Faculty of Engineering and Technology (E&T) was carved out, which now consists of all the schools and departments related to Engineering and Technology including Architecture and Interior Design in four different campuses namely Kattankulathur, Ramapuram, Ramapuram Part and Modinagar (near New Delhi). The other faculty under SRMIST includes Medical & Health Sciences, Science and Humanities, Management, Law and Agriculture Sciences. The main sylvan campus of Kattankulathur consists of a lush green environment with a built up area of 1,70,000sq.m for Laboratories, Workshops, Library, Classrooms, Technology Park etc. Excellent infrastructure and world class facilities in the institution help the students and faculty members to pursue their research in an efficient manner. For further information about our institution, please visit the following **URL:** [www.srmist.edu.in](http://www.srmist.edu.in)

## ABOUT THE DEPARTMENT

Department of Networking and Communications under School of Computing provides quality and value-laden education for students in the traditional and contemporary areas of Information Technology, Networking, Cloud Computing, IoT and Cyber Security. The department moulds students with good ethical practices, thus showcasing their all-round personality development. The department consists of a medley of faculty members with industrial and academic experience. Research in the department focuses on creating and evaluating innovative learning experiences, inspired by educational principles and technical progress.

## ABOUT B.TECH IT SPECIALIZATION

Technological advancements on human life is not complete without the role of Information Technology, along all axes. Hence all-pervading nature of Information Technology is culminated with huge demand for education in the said field. The steady rise in the number of students opting to specialize in Information Technology is a testimony for that. Education in Information Technology imparts the knowledge through which the needs of users within an organizational and societal context can be met.

The Information Technology envisions creating and analyzing a problem as a team to accomplish a goal with an understanding of professional, ethical, security and social issues and responsibilities. The department plays a pivotal role in academic collaboration with EMC2 through academic alliance program. Dell, Microsoft, CISCO, TCS, Mahindra Satyam, IBM and ORACLE are other corporate giants with which our department has collaborations for the benefit of students to carry out internships and project work.

## ABOUT THE WORKSHOP

### About RRAS'21:

Recent Trends in Research and Applied Statistics (RRAS'21), is organized by the department of Networking and Communications, SRMIST - Kattankulathur. In the course of this workshop, experts with 30+ years of experience from highly reputed institutions/organizations will share their knowledge on the latest trends in research and real-time applications of statistics in major fields such as machine learning, retail, and finance.



Objectives of RRAS’21:

The goal of this workshop is to bring academicians, researchers, industry practitioners, and students to gain knowledge on the importance of the scientific application of mathematical principles and state-of-the-art works in various fields.

Outcome of RRAS’21:

Researchers will carry forward their work with certainty and novice participants will become passionate about effectively solving the current challenges.

Pre-requisites for RRAS’21:

Essential understanding of statistics and enthusiasm to learn about modern research works.

PARTICIPANT REGISTRATION FEE

- Students / Research Scholar : **Rs.800/-**
- Academic faculty : **Rs.1000/-**
- Industry Person : **Rs.2000/-**

ACCOUNT DETAILS

- Beneficiary Name : IT Association
- Account Number : 117001000694687
- IFSC Number : CIUB0000117
- Bank Name : City Union Bank, Tambaram Extn, Kattankulathur

SCHEDULE

DATE & DAY	SPEAKER DETAILS	TOPIC
15.12.2021 Wednesday	<b>Dr. R. Srinivasan,</b> Professor, SSN College of Engineering	Foundations of Statistics
	<b>Prof. Sushama M Bendre</b> Applied Statistics Unit, Indian Statistical Institute, Chennai	Regression Analysis: Linear and Logistics
16.12.2021 Thursday	<b>Prof. Sushama M Bendre</b> Applied Statistics Unit, Indian Statistical Institute, Chennai	Regression Analysis and Model Selection
	<b>Dr. Rituparna Sen,</b> CAIML & Applied Statistics Unit, Indian Statistical Institute, Bangalore	Statistical inference
17.12.2021 Friday	<b>Prof. Anil K. Ghosh</b> Theoretical Statistics and Mathematics unit, Indian Statistical Institute, Kolkata	Introduction to Classification
	<b>Dr. Rituparna Sen,</b> CAIML & Applied Statistics Unit, Indian Statistical Institute, Bangalore	Methods of Data Collection, Regression Analysis
18.12.2021 Saturday	<b>Mr. Deepan Raj,</b> Data Scientist, HCL Technologies, Chennai	Hands on Applied Statistics
	<b>Mr. Sachinkumar</b> Data scientist Tiger analytics, Chennai	Ensemble techniques
20.12.2021 Monday	<b>Dr. Sitabhra Sinha</b> Institute of Mathematical Sciences, Chennai, India.	Pattern recognition and Machine Intelligence
	<b>Dr. Rahul Siddhardhan,</b> Institute of Mathematical Sciences, Chennai, India.	Biological sequence analysis
21.12.2021 Tuesday	Assessment	

TARGETED AUDIENCE:

PG students, Research Scholars, Academicians and Industry persons.  
  
*\* Certificate will be provided on attending all the sessions.*

REGISTRATION LINK

**<https://forms.gle/xSFv38xXXz5wz6Y99>**

**Note:** Last date for registration: 13.12.2021

ADVISORY COMMITTEE

- Dr. Revathi Venkataraman,**  
*Professor & Chairperson,  
School of Computing, SRMIST.*
- Dr.K.Annapurani Panaiyappan,**  
*Professor & Head, NWC, SRMIST*

CONVENER & COORDINATOR

**Dr.M.Thenmozhi,**  
*Associate Professor / NWC / SRMIST  
Program Co-Ordinator - IT*

CO-CONVENER

**Dr.M.Saravanan,**  
*Associate Professor / NWC / SRMIST  
Program Co-Ordinator - Cloud computing*

ORGANIZING COMMITTEE

- Dr.P.Supraja,**  
*Associate Professor / NWC / SRMIST*
- Dr.V.M.Gayathri,**  
*Assistant Professor / NWC / SRMIST*
- Ms.V.Lavanya,**  
*Assistant Professor / NWC / SRMIST*
- Ms.V.Vijayalakshmi,**  
*Assistant Professor / NWC / SRMIST*