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### Convener

Dr. R. Vijayakumar (Head – Dept. of Statistics)

### Co-ordinators

Dr. R. Vijayakumar

Dr. T. Venkatesan (Asst. Professor – Dept. of Statistics)

### Organizing Secretaries

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Dr. A. Philip Arokiadoss

(Assistant Professors, Dept. of Statistics)

### Resource Persons

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**Dr. T. Kavitha**

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PG & Research Department of Statistics  
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### For further details contact

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## DEPARTMENT OF STATISTICS

SCHOOL OF COMPUTING SCIENCES

**St. JOSEPH'S COLLEGE (Autonomous)**

Accredited at A<sup>++</sup> Grade (4<sup>th</sup> Cycle), Special Heritage Status awarded by UGC  
College with Potential for Excellence by UGC, DBT – STAR & DST – FIST Sponsored College  
Tiruchirappalli – 620 002. Tamil Nadu, India.

*Organises*

## Two-Day National Level Workshop on DATA ANALYTICS THROUGH R PROGRAMMING AND PYTHON

(SJC - DARP 2025)



**Date: 30<sup>th</sup> & 31<sup>st</sup> January 2025 | Venue: AV Hall**

**Sponsored by**



**TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY**  
(Autonomous Body of Government of Tamil Nadu)  
Chennai - 600 025, Tamil Nadu, India.

### About the College

St. Joseph's College (SJC), established in 1844 by the Society of Jesus (Jesuits), is a prestigious institution in India that upholds the Nobel ideal of "Pro Bono Et Vero" (for the Good and the True). It was affiliated with Madras University in 1869 and is now an affiliated first-grade college of Bharathidasan University. In 2018, the college celebrated its Dodransbicentennial and became the first autonomous Arts and Science College in India to secure the prestigious A++ rank for the fourth cycle of accreditation by the National Assessment and Accreditation Council (NAAC) in 2019. The college has produced numerous notable figures, including Former President of India, His Excellency, Bharat Ratna Dr. A P J Abdul Kalam. The college has produced thousands of educated individuals, demonstrating its commitment to excellence in education.

### About the Department

The Department of Statistics was started in 1978, in which year autonomy was granted to our College. Our department became a PG Department in 1998. In rapid succession, the department got recognition as a Research Department by Bharathidasan University in 1999 with the introduction of M.Phil. Programme and Ph.D. programme. The Department of Statistics helps students to acquire the conceptual, computational, and Statistical tools for quantifying uncertainty and making sense of complex data arising from many disciplines. The department has signed linkages with Public and Non-Public organizations for our student's internship training / Group projects. The department has produced many outstanding students with university ranks. The faculty members and students of the yesteryears have contributed significantly to the establishment and growth of the department. Every year eminent speakers are invited to deliver lectures on selected topics for the benefit of the students.

### About TNSCST

The Tamil Nadu State Council for Science and Technology (TNSCST) is a government body in Tamil Nadu, India, established in 1998. It supports scientific research, technological advancements, and innovation across various sectors. The council collaborates with academic institutions, research organizations, government agencies, and industry stakeholders to promote science education, support innovation, and advance technology use in agriculture, health, environment, energy, and industry. It aims to create a strong scientific ecosystem for national progress.

### About the Workshop

The National Level Workshop on Data Analytics through R Programming and Python is a two-day event aimed at providing hands-on experience in utilizing R and Python tools for data manipulation, statistical analysis, and visualization. The workshop covers topics such as data cleaning, exploratory data analysis, statistical modelling, machine learning algorithms, and visualization techniques. Participants will learn how to integrate R and Python in their data analysis workflows, enhancing their skills and preparing them for informed decisions in the rapidly evolving field of data analytics.

#### Registration Fee

**for: Academicians/ PG students / Research Scholars/ Industrialists:**

**and For Registration: Rs. 750/-**

Registration fee includes - Working Lunch, Workshop kit, Refreshments and Participation Certificate.

#### For Registration

**participants can click the link below to confirm your presence.**

<https://seminar.sjctni.edu/Statistics/DARP/>



#### **Note:**

- No TA and DA will be provided to the participants.
- Accommodation will be arranged with nominal fee on request.
- Practical sessions will take place in a dedicated lab. Participants with laptops are encouraged to bring them for a better experience.