

Programme Schedule

Date : 16.02.2024
Venue : **Barbier Hall, Jubilee Building**
St. Joseph's College (Autonomous)
Tiruchirappalli – 620 002, Tamil Nadu.

08:30 AM - Registration
09:30 AM - Inauguration

Inaugural Address

Rev. Dr. M. Arockiasamy Xavier, SJ
Principal,
St. Joseph's College(Autonomous), Trichy.

10:00 AM - Invited Talk - I
Dr. G. Gopal
Professor and Head (Retired)
Department of Statistics
University of Madras, Chennai &
Visiting Professor,
Madras School of Economics, Chennai.

Topic:
“**Applications of Statistics in Machine Learning Techniques**”

11:30 AM - Photo Session & Tea Break

11:45 AM - Invited Talk - II
Dr. C. Vijayalakshmi
Associate Professor
Department of Statistics and
Applied Mathematics
Central University of Tamil Nadu,
Thiruvavur.

Topic:
“**Implementation of Statistical Techniques in Machine Learning Algorithms for Real Time Scenario**”

01:00 PM Lunch Break

02:00 PM Invited Talk - III
Dr. K. Senthamarai Kannan
Professor and Head (Retired)
Department of Statistics
Manonmaniam Sundaranar University,
Tirunelveli.

Topic:
“**Outlier Detection and its Applications**”

03:30 PM - Valediction
Valedictory Address:
Rev. Dr. K. Amal, SJ
Secretary, St. Joseph's College (Autonomous),
Trichy.

Patrons

Rev. Dr. Pavulraj Michael, SJ
Rector, St. Joseph's College (Autonomous),
Trichy.

Rev. Dr. K. Amal, SJ
Secretary, St. Joseph's College (Autonomous),
Trichy.

Rev. Dr. M. Arockiasamy Xavier, SJ
Principal, St. Joseph's College (Autonomous),
Trichy

Convener

Dr. R. Vijayakumar
Head, Department of Statistics,
St. Joseph's College, Trichy.

Organizing Secretaries and Members

Dr. Lilly George
Dr. J. Glorypersial
Dr. T. Venkatesan
Dr. A. Philip Arokiadoss,
Assistant Professors, SJC

For further details contact
Dr. J. Glorypersial (+91 99444 52400)



DEPARTMENT OF STATISTICS

SCHOOL OF COMPUTING SCIENCES

St. JOSEPH' S COLLEGE (Autonomous)

Accredited at A++ Grade (4th Cycle) by NAAC
Special Heritage Status awarded by UGC
College with Potential for Excellence by UGC
DBT-STAR & DST-FIST sponsored College
25th Rank in NIRF
Tiruchirappalli – 620 002, Tamil Nadu, India.

Organises an
One Day National Seminar on

STATISTICAL APPLICATIONS IN RECENT TRENDS

(NSSART-2024)

16-February, 2024
(Friday)

Venue

Barbier Hall, Jubilee Building

St. Joseph's College (Autonomous)
Tiruchirappalli – 620 002

ABOUT THE COLLEGE

St. Joseph's College (SJC), Tiruchirappalli, Tamil Nadu, India, was established in 1844 by the Society of Jesus (Jesuits) and it is regarded as one of the prestigious institutions in India. True to its Nobel ideal, "Pro Bono Et Vero" (for the Good and the True), St. Joseph's College has always upheld and radiated Goodness and Truth in its endeavor to impart quality in higher education. It was affiliated with Madras University in 1869 and is currently an affiliated first-grade college of Bharathidasan University. The College celebrated its centenary in 1944, sesquicentenary in 1995 and acquired the Five Star status, awarded by NAAC in 2000.

It was recognized by UGC as a College with Potential for Excellence (CPE) in 2004 and was reaccredited by NAAC with A+ Grade in 2006. And it has the heritage college status as one among 12 colleges in India in 2016, which is given by the Government of India. The college celebrated its Dodransbicentennial in 2018. The College is the first autonomous Arts and Science College in the country to secure the prestigious A++ rank for the fourth cycle of accreditation by the National Assessment and Accreditation Council (NAAC) in 2019 and is ranked in 25th position in NIRF India rankings 2023 under college category.

The College has produced a number of rare and remarkable geniuses, of whom the crown is the Former President of India, His Excellency, **Bharat Ratna Dr. A P J Abdul Kalam**. St Joseph's takes genuine pride in mentioning such a handful from the vast number of luminaries who had received their education in this College. This educational establishment has been instrumental in churning out thousands of truly educated persons, physically fit and intellectually well equipped. Thus, this College stands for what is best in education.

ABOUT THE DEPARTMENT

The Department of Statistics, SJC was started in 1978, in which year the 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 the Bharathidasan University in 1999 with the introduction of M.Phil. Programme and Ph.D. programme.

The Department of Statistics helps the students to acquire the conceptual, computational, and Statistical tools for quantifying uncertainty and making sense of complex data arising from many disciplines. During the internship training, the students are exposed to real-life statistical applications where they refine the concepts learned in the classroom and hone their skills to define, diagnose, and analyse specific decision-making problems that seek suitable interpretation from them.

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. All the faculty members possess Ph.D.

The faculty members of the yesteryears have contributed significantly to the establishment and growth of the department. In memory of them, the Statistics Alumni Association instituted the Endowment lectures in the name of **Dr. G. Stephen Vincent, Dr. N. Ramasamy, Prof.K.A. Jayakumar, Dr. K. Shanmuga Vadivel and Dr. C. Muthu**. Every year eminent speakers are invited to deliver lectures on selected topics for the benefit of the students.

ABOUT THE SEMINAR

The seminar, 'Statistical Applications in Recent Trends,' will explore the role of statistical applications in machine learning. It will delve into the implementation of statistical techniques in algorithms, their real-time applications and their impact on model performance. The seminar will provide a comprehensive understanding of how statistics shape the future of machine learning and the cutting-edge trends driving innovation.

OBJECTIVES OF THE SEMINAR

- ❖ To help the participants to examine how statistical techniques play a crucial role in the advancements and applications of machine learning.
- ❖ To understand the symbiotic relationship between statistical methodologies and machine learning algorithms in contemporary trends.
- ❖ To motivate students in the field of machine learning.

ELIGIBLE PARTICIPANTS

UG / PG Students, Research Scholars, Faculty Members and Industrialist (All Discipline)

REGISTRATION FEE

- ❖ SJC - UG / PG Students - Rs . 300 /-
- ❖ Outside Students / Research Scholars / Faculty / Industrialist - Rs.400 /-

** The registration fee includes a working lunch, seminar kit, refreshments and participation certificate.*

Registration Form Link

Participants can click the link below to confirm your presence.

<https://admission.sjctni.edu/Statistics/SART/>

Note:

No TA and DA will be provided to the participants. Accommodation will be arranged with a nominal fee upon request.