

## Programme Schedule

Day 1 – 9<sup>th</sup> February 2026

- ✓ Introduction to JAMOVI
- ✓ Interface and Data Handling
- ✓ Reliability Test

Day 4 – 12<sup>th</sup> February 2026

- ✓ Correlation Analysis
- ✓ Regression Analysis
- ✓ Binary Logistic Regression
- ✓ Ordinal Logistic Regression

Day 2 – 10<sup>th</sup> February 2026

- ✓ One Sample *t* Test
- ✓ Independent Sample *t* Test
- ✓ Paired Sample *t* Test

Day 5 – 13<sup>th</sup> February 2026

- ✓ Factor Analysis
- ✓ Mediation Analysis
- ✓ Moderation Analysis

Day 3 – 11<sup>th</sup> February 2026

- ✓ Analysis of Variance (ANOVA)
- ✓ Analysis of Covariance (ANCOVA)
- ✓ Multivariate Analysis of Covariance (MANCOVA)

### Registration

<https://forms.gle/pXziRirSQBaSryd57>

SCAN ME



Last Date : 08.02.2026

E – Certificate will be Provided for  
Registered Participants

### Patrons

Rev. Dr. M. Pavulraj SJ, Rector,  
Rev. Dr. M. Arokiasamy Xavier SJ, Secretary,  
Rev. Dr. S. Mariadoss SJ, Principal,

### For further details contact:

#### Dr. M. Suvakkin (Convenor)

Head & Associate Professor

Department of Economics

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PG & Research Department of Economics  
St. Joseph's College (Autonomous)  
Tiruchirappalli - 620 002

## FIVE DAY ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

### Theme

"Capacity Building in Empirical Data Analytics using  
Open Source JAMOVI"

### Resource Person



Dr. Siva Gurunathan S  
Assistant Professor

PG & Research Department of Economics  
Sacred Heart College (Autonomous)  
Tirupattur - 635601

Dates: 09 – 13 February 2026; Time: 6.00 PM – 7.00 PM

Mode: Google Meet  
NO Registration FEE

## About the College

**St. Joseph's College**, founded in 1844 by Jesuit visionaries, is guided by the enduring motto *Pro Bono Et Vero* for the good and the true. Established at Nagapattinam and relocated to Tiruchirappalli in 1883, the college has grown into a leading institution of higher education in central Tamil Nadu, committed to academic excellence, ethical values and social responsibility. Initially affiliated to the University of Madras and presently to **Bharathidasan University**, it was among the first colleges in India to receive autonomous status from the UGC in 1978.

The college has contributed significantly to nation-building through its distinguished alumni, including **Dr. A. P. J. Abdul Kalam**, **Mr. Raja J. Chelliah**, **Mr. N. Gopalaswamy**, **Rev. Fr. Jerome D'Souza SJ**, **Major Saravanan**, **Mr. K. Vijay Kumar** and **Mr. Arockia Rajeev**. Recognized as a College with Potential for Excellence by the UGC and supported by DST-FIST and DBT-STAR schemes, it received Heritage Status in 2015.

Quality standards have been affirmed through accreditation, including **A++ Grade (4th Cycle)** by **National Assessment and Accreditation Council** in 2019. Further strengthening its national stature, the college secured the **25th rank in National Institutional Ranking Framework 2025**, reflecting its sustained commitment to excellence and service to society.

## About the Department

The PG & Research Department of Economics of **St. Joseph's College** was established in 1844 with the introduction of the B.A. Economics programme, making it one of the oldest Centre of economics education in India. A defining phase began with **Rev. Fr. P. Carty SJ**, whose humanistic and socially grounded teaching profoundly shaped the Department; he served as Head during 1918–1919 and contributed to curriculum development under the University of Madras Honors system. The Department was further strengthened by Jesuit scholars such as **Rev. Fr. Adisayam SJ** and **Rev. Fr. Ehrhart SJ** and it engaged in social outreach even before the formal advent of the NSS.

The M.A. Economics programme was introduced in 1930, followed by M.Phil. and Ph.D. programmes in 1974 under **Rev. Fr. Sebastian SJ**. A major milestone was the founding of the **Association of Economists of Tamil Nadu** in 1980, which publishes the peer-reviewed journal **Peninsular Economist**. The Department counts among its alumni **Major Saravanan** and numerous economists, administrators and public servants. Through academic clubs, intercollegiate programmes, memorial lectures and career-oriented initiatives, the Department continues to uphold its legacy of academic excellence, research orientation and service to society.



## About the Faculty Development Programme

The Five-Day Faculty Development Programme (FDP) on "**Capacity Building in Empirical Data Analytics using Open-Source JAMOVI**" is designed to enhance the analytical and research competencies of faculty members, research scholars, and postgraduate students in economics and social sciences.

In the era of evidence-based research and data-driven decision-making, empirical analysis has become central to academic inquiry. This FDP focuses on translating statistical theory into practice through hands-on exposure to **JAMOVI**, a powerful, transparent, and open-source statistical software widely used in academic research.

The programme systematically introduces participants to fundamental and advanced statistical tools—starting from reliability testing and hypothesis testing to multivariate analysis, regression models, and contemporary techniques such as mediation and moderation analysis. Emphasis is placed on interpretation of results, research reporting, and reproducibility of empirical findings.

## Objectives of the FDP

- To strengthen empirical research skills among faculty and researchers
- To promote the use of open-source statistical tools in academic research
- To bridge the gap between econometric theory and applied data analysis
- To enhance research quality, publication readiness, and analytical confidence