Thiagarajar College of Engineering
where quality and ethics matter
Since 1957

Under the
CENTRE FOR CONTINUING EDUCATION

DEPARTMENTS OF
MATHEMATICS *and* APPLIED MATHEMATICS & COMPUTATIONAL SCIENCE

Organize

FIVE-DAY INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME (FDP)

Advanced Mathematical Techniques for Artificial Intelligence and Machine Learning



14–18 DECEMBER 2026

Time: 03:30 PM — 05:00 PM | Mode: Online

WHO CAN PARTICIPATE?

Faculty Members | Research Scholars

PROGRAMME HIGHLIGHTS

- Mathematical Foundations of Artificial Intelligence and Machine Learning
- Advanced Mathematical Techniques for Intelligent Systems
- Mathematical Modelling and Computational Approaches
- Applications of Mathematics in AI and ML

REGISTRATION DETAILS

Registration Fee:
₹354/-
(Inclusive of 18% GST)

Limited to 100 Participants

TCE – Global Recognition & Rankings

NIRF 2025 Engineering 101-150 | THE World University Rankings 2026 1501+ | QS World University Rankings Asia 2026 Asia Rank 1101-1200 | NAAC A++ | NIRF 2025 Architecture 33rd | QCFI Education Sector Award | NBA | INSTITUTION'S INNOVATION COUNCIL

RESOURCE PERSONS



Dr. Swapna S Nair
Assistant Professor,
Dept. of Computer Studies and Engineering,
Symbiosis international university, Dubai.



Dr. R. Vishnu Vardhan
Professor, Dept. of Statistics
Pondicherry University
Puducherry



Dr. M. Rajesh Kannan
Assistant Professor
IIT Hyderabad



Dr. M. Panchatcharam
Asso. Professor
Dept. of Mathematics and Statistics, IIT Tirupati



Dr. N. Vijayarangan
Senior Scientist
Tata Consultancy Services
Chennai

OBJECTIVES OF THE PROGRAMME

- Strengthen mathematical foundations for Artificial Intelligence and Machine Learning.
- Explore Numerical Linear Algebra, Statistical Foundations of AI, Spectral Clustering and Logistic Regression.
- Develop practical skills in Statistical Computing using R.
- Gain insights through expert lectures by eminent academicians from IITs.
- Bridge mathematical theory and real-world AI applications through hands-on sessions and interactive discussions.
- Enhance teaching, research and interdisciplinary collaboration in AI and ML.

ORGANISING COMMITTEE

CHIEF PATRON
Mr. K. Hari Thiagarajan
Chairman and Correspondent

PATRON
Dr. L. Ashok Kumar
Principal

CONVENORS
Dr. A. Anitha
HOD I/c, Assistant Professor
Department of Mathematics
Dr. S. Parthasarathy
Professor & Head, Department of AMCS

PROGRAMME COORDINATORS
Dr. M. Sundar
Dr. P. Victor
Dr. S. Saravanakumar
Assistant Professors, Department of Mathematics
Dr. B. Surya Devi
Assistant Professor, Department of AMCS

E-Certificates will be issued upon successful completion.

REGISTER NOW!

https://forms.gle/sbrvAAaibzzedRcv8

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