

Objectives of the STTP:

The Short Term Training Programme (STTP) on Generative AI aims to enhance the knowledge and skills of faculty members, researchers, and professionals in the field of Artificial Intelligence and Generative Models. This STTP provides an opportunity to explore cutting-edge research, collaborate with peers, and contribute to advancements in AI-driven innovations.

Topics Covered:

- Introduction to Deep Learning
- Fundamentals of Generative AI
- Applications of Generative AI Models
- Agentic AI & Agentic AI vs. Generative AI
- Ethical Considerations in AI and Generative Models
- Hugging Face Models
- Generative AI with Blockchain
- Adversarial Attacks on AI Systems
- Practical Session on Hugging Face Model
- Large Language Modelling
- Research Directions and Trends on Generative AI

Eligibility:

The programme is open to faculty members from AICTE approved Institutions, Universities, research scholars, participants from Industry and Government (Bureaucrats, Technicians, industry experts etc) and professionals from R&D Labs.

- **Number of Participants:** Limited to 60 (First come first serve basis).
- **Registration Fee:** ₹500 (includes registration kit, lunch and snacks)

Resource Persons:

Sessions will be conducted by eminent individuals from reputed Institutions, research Labs, and Industries.

Registration:

Interested participants can register through the following link:

<https://forms.gle/JQPXBxafX4UjKtQa8>

Selected Participants should attend the program for the entire duration without fail.

Misrimal Navajee Munoth Jain Engineering College

Owned and Managed by Tamilnadu Educational and Medical Trust
A JAIN MINORITY INSTITUTION
All Programmes Approved by AICTE, New Delhi
Recognized by Government of Tamilnadu and Affiliated to Anna University
Rajiv Gandhi Salai (OMR), Jyothi Nagar, Thoraipakkam Chennai 97



Short Term Training Programme (STTP) on Generative AI

12th–14th February, 2025

Venue: AC Seminar Hall

Convenors

Dr.N.Saravanan, Professor and Head
Department of CSE

Mrs.A.Jeyanthi, Associate Professor and
Head, Department of ADS

Dr. V. Viswanathan, Liaison Officer

Organized by

Department of CSE & ADS

About the Institute:

Misrimal Navajee Munoth Jain Engineering College (MNMJEC) was established in 1994 by the Tamilnadu Educational & Medical Trust (TEAM trust) to provide quality technical education. The institution is affiliated with Anna University, Chennai and is approved by AICTE, New Delhi.

The college maintains high philanthropic ethics and the college functions with noble motto of no donation no capitation since inception. The college has successfully completed two decades of service to the society at large and the Jain community in particular.

The objectives of the college are

- Educating the students in such a way that they become persons of character and thus contribute to the Nation's progress.
- Preparing the students to fulfill their professional obligations with a high sense of duty consciousness in their career.
- Training the young Engineers to develop the leadership qualities and to guide them to achieve success in their career.

About the Departments:

Computer Science and Engineering (CSE):

The CSE department started in the year 1994 and focuses on producing engineers with a strong foundation in the latest technologies such as AI, cyber security and cloud computing. It emphasizes academic excellence, research, and ethical practices to serve society, preparing students for industry and higher studies.

Artificial Intelligence & Data Science (ADS):

The ADS department started in the year 2020 and promotes students with Artificial Intelligence and data science expertise to tackle real world challenges. The program covers machine learning, deep learning and data analytics, fostering a problem-solving mindset. Through hands-on projects and industry exposure, students gain practical knowledge for careers in AI-driven innovation.

ORGANIZING COMMITTEE

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Convenors:

Dr. N. Saravanan

Professor and Head, Department of CSE

Mrs. A. Jeyanthi

Associate Professor and Head, Department of ADS

Dr. V. Viswanathan

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Jyothi Nagar, Thoraipakkam, Chennai - 600097.

Schedule for Short Term Training Programme on Generative AI

Date: 12th to 14th February 2025

Day 1: 12.02.2025; Total No. of Sessions: 4

S.N	Time	Name of the Expert	Topics
1	9:15AM-10:00AM	Mr. Sai	Inaugural Session
2	10:15AM-11:45AM	Venkateshwaran Srinivasan, Senior Manager, AI & ML, Standard Chartered Global Business Services, Chennai	Introduction to Deep Learning
3	11:45AM-1:15PM		Fundamentals of Generative AI
4	2:00PM-3:30PM	Dr. R. Subhashini, Prof., & VP Academics, SRMIST, Ramapuram, Chennai	Applications of Generative AI Models

Day 2: 13.02.2025; Total No. of Sessions: 4

S.N	Time	Name of the Expert	Topic
1	9:15AM-10:45AM	Mr. Kaviarasu Kathirvel, Director, Business Growth and Enablement, Agilisium Consulting, Chennai	Agentic AI & Agentic AI Vs. Generative AI
2	11:00AM-12:30PM		Ethical Considerations in AI and Generative Models, & Hugging Face Model
3	1:10PM-2:20PM	Dr. T. R. Reshmi, Scientist, Society for Electronic Transactions and Security, Govt. of India, Chennai	Generative AI with Blockchain
4	2:20PM-3:40PM	Dr. V. Natarajan, Scientist, Society for Electronic Transactions and Security, Govt. of India, Chennai	Adversarial Attacks on AI Systems

Day 3: 14.02.2025; Total Number of Sessions: 4

S.N	Time	Name of the Expert	Topic
1	9:15AM-10:45AM	Mrs. A. Jeyanthi, Associate Professor & HoD, Department of AI&DS, MNMJEC	Practical Session on Hugging Face Model
2	11:00AM-12:30PM	Dr. Abirami Murugappan, Professor, Department of Information Science and Technology, Anna University, Chennai-25	Large Language Modelling
3	1:15PM-2:45PM	Dr. A. Kannan, Former Professor & HoD, Department of Information Science and Technology, Anna University, Chennai-25	Research Directions and Trends on Generative AI
4	3:00PM-3:45PM		Valedictory session and Distribution of Certificates