

Eligibility

The faculty members of AICTE approved institutions, Research Scholars, PG Scholars, Participants from Government, and Industry can participate.

Registration Form

Kindly confirm your participation by clicking the link below and registering on or before **02nd July, 2026**

Registration link

<https://forms.gle/bzpcZdF5nGRaZzPW6>



Registration Fee

RS.400/- (IEEE MEMBER)
RS.500/- (NON-IEEE MEMBER)

For Contact Details

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COORDINATORS

Dr.VVeera Anusuya
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Ms. G. Dhivya
AP/AI&DS



IEEE sponsored
Five Days Faculty Development Programme
on

Next Gen Automation: Design & Integration of Intelligent Workflows with n8n



July 2026
06th to 10th

Organized by



**National
Engineering
College**

K.R.Nagar, Kovilpatti - 628 503

**Department of
Artificial Intelligence & Data Science**

In Association with



CONVENOR

Dr. V. Kalaivani, Prof. & HOD/AI&DS

COORDINATORS

Dr.VVeera Anusuya, AP (SG)/AI&DS

Ms. G. Dhivya, AP/AI&DS

About NEC

- National Engineering College, established in 1984 by philanthropist K.Ramasamy, is a premier autonomous engineering institution affiliated with Anna University, Chennai, Located in Kovilpatti, Tamil Nadu. The College is committed in delivering the quality technical education with a strong focus on innovation, research, and human values.
- Approved by All India Council for Technical Education (AICTE) and accredited by National Assessment and Accreditation Council (NAAC) and NBA. NEC is recognized for academic excellence, industry-oriented learning, and strong placement opportunities.

About AI&DS Department

- Established in 2022, the department focuses on achieving excellence in AI, Data Science, by fostering innovation, and industry collaboration.
- Developed and deployed “**Aittaya Solvar**”, an AI CopBot and Traffic Dashboard for SP office Thoothukudi District during the Thiruchendur Temple Kumbabishegam.
- Designed AI Products for Thoothukudi District Police, including **Project Guardian App, Case Maiyam, Crime Flow Analyser, Crime Point Analytics Dashboard, and Paathai App.**
- Developed “Sippi Smart”, a digital platform for managing attendance and academic activities at Government Higher Secondary School, Sippiparai.
- Outstanding placement record exceeding **98.4% (2026 passed out)**, with the highest package at **12.5 LPA and median of 4.8 LPA; 62** students placed in leading companies.
- Students are placed in leading companies such as Zoho, Infosys, Accenture, TCS, KAAR Technologies, SurveySparrow, vCreaTek, and Mr. Cooper.
- Equipped with **GPU-enabled** laboratories for advanced AI and Data Science projects.
- Undertaking consultancy projects with a Kadalaimittai company and Mano Innovation Club, Kovilpatti.

- Students are pursuing internships at **IIT Bombay, NIT Tiruchirappalli, IIIT Hyderabad, IIIT Allahabad, and IIIT Kottayam.**
- Signed MoUs with **Iyanaa Pvt. Ltd., Hostwire Systems, and Stashook Pvt. Ltd.**, to enhance industry interaction and internships.
- Students have developed innovative projects such as a Lane Adaptive Driver Assistance System and a Hospital Monitoring System using mmWave Radar in collaboration with Mistral Solutions, Bengaluru.
- The department promotes research, innovation, entrepreneurship, and industry-oriented learning to produce future AI professionals.

About IEEE MAS

- The IEEE Madras Section is a professional body of technology volunteers dedicated to advancing engineering and technological excellence in Tamil Nadu through conferences, technical activities, and professional events. IEEE Madras Section started in 1973 as the Tamil Nadu Sub-section of the Bangalore Section. The Sub-section attained Section status on 28th April 1978.
- IEEE Madras Section Silver Jubilee Year (1978-2003), was celebrated in a grand manner. It regularly organizes Hackathons, TechClaves, Symposiums, Technical Presentation contests, and expert lectures by eminent personalities from emerging technology domains.

About FDP

“Next Gen Automation: Design and Integration of Intelligent Workflows with n8n” is a hands-on training program on building smart automation solutions using the n8n platform. Participants can create workflows, connect apps, automate tasks, and integrate APIs with minimal coding. The program covers workflow design, automation use cases, LLMs and challenges in integrations to improve productivity.

FDP Outcomes

- Ability to design and implement automated workflows using n8n.
- To integrate multiple applications and APIs for seamless process automation.
- To develop intelligent workflows that improve efficiency and reduce manual effort.

Topics to be Covered

- Day 1: Introduction to Workflow Automation and n8n Platform with hands-on practice.
- Day 2: Design of Visual Workflows using n8n Nodes and Triggers with use cases.
- Day 3: Integrating APIs and databases using n8n platform with hands-on training.
- Day 4: Building AI-Powered LLM Workflows and AI Agents with hands-on practice.
- Day 5: Hands-on practice on developing Real-World Automation Projects using n8n

Resource Persons

Resource persons from Leading MNC companies will handle the recent trends of n8n platform.

1. Dr.S.Arumugaperumal,
Chairman – IEEE Madras Section, Education Activities.
2. Mr.Sudeesh Sankaravel,
Director, AI & Data Science,
Verizon, Chennai.
3. Mr.N.Raja Subramanian,
Head - Software,
Mistral Solutions, Bengaluru.
4. Mr.Roy Antony Arnold George Charles,
Senior Consultant,
Process & Domain Consulting,
Application Development & Maintenance
Infosys Private Ltd., Chennai.
5. Mr.K.Sujeeth,
Senior Technical Lead – Data Analyst,
Mercedes Benz R&D India, Bengaluru.
6. Mr.Kaliswaran. R,
Module lead – Software,
Mistral Solutions, Bengaluru.

and Academic experts from **Anna University, NITs and IITs** and reputed Institutions