Chief Patron
Dr.N.Balaji
Principal
Velammal Institute Of Technology

Patron
Dr.S.Soundararajan
Vice Principal
Velammal Institute Of Technology

Convener
Dr.S.PadmaPriya,
Professor and HOD
Department of Artificial Intelligence and Data Science

Coordinators
Mrs.K.Sudha
Assistant Professor
Department of AI&DS
Mrs.K.Vidhya
Assistant Professor
Department of AI&DS

ABOUT THE FDP:

The outcomes highlight the potential of AI to transform education and research when used responsibly and ethically. It provides Enhanced Learning Experiences, Improved Assessment Methods, Ethical AI Use, Innovative Teaching Strategies Research Advancements and Global Best Practices.

KEY TAKEAWAYS OF THE FDP:

- Personalized Learning for individual student needs.
- Ethical AI use ensuring privacy, bias and fairness.
- Innovative Teaching Strategies by developing teaching aids.
- Improved Assessment to help educators identifying support.
- Research Advancements to generate new insights.
- Global Best Practices in Education for promoting continuous improvement.

WHO CAN APPLY:

·Faculty from various Engineering Colleges and Universities.
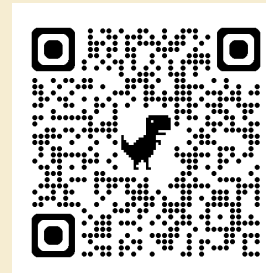
REGISTRATION FEES:

- Mode: Online
- Fees: Rs. 300/-

SCAN FOR :

PAYAMENT   **REGISTRATION:**

(OR)

CLICK HERE FOR REGISTRATION

https://forms.gle/zUdmaULKmLwRq7SX9

IMPORTANT DATES:

Last Date for Registration: 24th January 2025.

CONTACT DETAILS:

Mrs.K.Sudha –9551333622
Mrs.K.Vidhya –9962066663

VELAMMAL
INSTITUTE OF TECHNOLOGY
Chennai - Kolkatta Highway, Panchetti, Ponneri

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATASCIENCE

ONLINE FACULTY DEVELOPMENT PROGRAM
ON
"A Responsible AI Approach to Modern Pedagogical Methods in Education and Research"

DATE: 27/01/2025 to 31/01/2025

ABOUT THE INSTITUTION:

Velammal Institute of Technology, brain child of our Honorable Chairman bloomed on 14th August 2008 intended to provide the world class technical education to conquer tomorrow's technology at global level with human values, so as to make our student community succeed in life. The institution has developed the state of art infrastructure within the short span of time with dedicated and determined staff members

We offer Bachelor of Engineering courses in Artificial Intelligence & Data Science, Electronics and Communication Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Information Technology, Mechanical Engineering & Mechatronics. We offer Master of Engineering courses in Computer Science and Engineering. We have 136 Teaching faculty members comprising of many doctorates and many more are pursuing their doctoral degrees. In addition to this, we have 50 Non- Teaching staff members and 118 supporting staff.
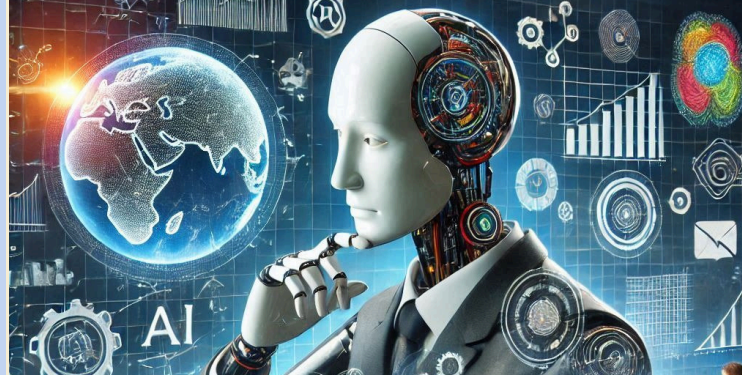
ABOUT THE DEPARTMENT:

The Department of Artificial Intelligence & Data Science was started in the year 2020 with a sanctioned intake strength of 60 and increase intake of 120 from 2022. With the advancement of Artificial Intelligence & Data Science, Students of Velammal I Tech are transformed to industry – ready professionals by building smart machines with cutting edge technologies like Machine Learning, Computer Vision, etc. The Department laboratories is equipped with well – established, interconnected computing resources to offer training in the required latest technology skills and also helps the students to meet their demands of the curriculum. The faculties of the Department are diligently working as a team to enhance the critical thinking abilities and problem solving skills of their students.

VISION OF THE DEPARTMENT:

To create renowned and skilled engineers with creative ideas to compete in the emerging field of Artificial Intelligence and Data Science

MISSION OF THE DEPARTMENT:

1. To provide high-quality education on existing and evolving Artificial Intelligence and Data Science technology.
2. To develop technologically superior students and prepare them as responsible engineers with human values.
3. To train students as Artificial Intelligence Engineers, Data Scientists, Data Analysts, and Machine Learning Engineers, and to shape their future.
4. To enrich students with required skills for employability, entrepreneurship and pursuing higher studies.
5. To encourage the students to implement innovative research and development ideas.

A RESPONSIBLE AI APPROACH TO MODERN PEDAGOGICAL METHODS IN EDUCATION AND RESEARCH
27-31 JANUARY 2025 (5 DAYS)

TOPICS TO BE COVERED:

- Overview of Responsible AI technologies and their applications in education.
- Historical context and evolution of Responsible AI in educational settings.
- Adaptive learning systems and personalized education plans.
- Integrating Responsible AI tools in curriculum development.
- Responsible AI for Student Assessment and Feedback
- Ethical Considerations in Responsible AI Education
- Responsible AI-powered collaborative platforms and tools.
- Responsible AI tools for literature review and academic writing
- Emerging Responsible AI technologies and their potential impact on education.
- Developing Responsible AI-based projects and lesson plans.

RESOURCE PERSONS

DR DOREEN ROBIN ME., PHD
FOUNDER AND DIRECTOR, CIRF

DR. ANUP NANDY
ASSOCIATE PROFESSOR/CSE
NIT, ROURKELA

DR. KARTHIKEYAN S
CEO (FOUNDER)
AIQUANTALYTICS

DR. SATHISH KUMAR S
ACADEMIC LEADER
ASIA PACIFIC ETA, MALAYSIA

DR. KARAN VERMA
ASSOCIATE PROFESSOR / CSE
NIT, DELHI

DR. NEELAVATHY PARI
ASSOCIATE PROFESSOR/CT
MIT, CHENNAI

MR. SOUNDARA RAJAN K
BUSINESS PARTNER LEADER -
CLOUD RAN & AI NOKIA
NETWORKS & SOLUTIONS LTD, UK

URVASHI NAG
DIGITAL FORENSICS
EXPERT
CENCOPS,
CHANDIGARH

MR.SHANTHABABU PANDIAN
DATA AND AI ARCHITECT
ROLAN AI PRODUCT SOLUTIONS AND
CONSULTING SERVICES PVT. LTD
LONDON, UK