

VIT -Vellore
Tamil Nadu, 632 014.
TIFAC – CORE

Introducing

***“One day Workshop on Advanced AI
and ML Techniques for Real-World
Applications”***

April 6th , 2026

REGISTRATION FORM

(Please fill this form and send it to the mail id
given) (Capital Letters only)

Full Name Sex: .
.....

Designation:

Organization:

Address:
..... Mobile No.:
.....

E-mail :

Amount:..... Dated:

Transaction Ref No: Name
of the Bank:

Place:Date:

About VIT

VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. The highly motivated youngsters on the campus are a constant source of pride. Our Memoranda of Understanding with various international universities are our major strength. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of these universities. Many of our students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India and have done us proud. With steady steps, we continue our march forward.

About TIFAC-CORE

The centre focuses on advanced research, innovation, and technology development in emerging engineering domains. It bridges academia and industry through collaborative research, consultancy, and product development. TIFAC-CORE promotes interdisciplinary research involving faculty, researchers, and students. The centre emphasizes sustainable technologies, smart mobility, renewable energy, circular economy and advanced materials. It supports prototype development, testing, and validation of innovative solutions. Industry-driven projects and real-world problem solving are key objectives of the centre. TIFAC CORE also nurtures startups and entrepreneurial activities within the university ecosystem. It contributes to national missions through technology translation and capacity building. Overall, TIFAC CORE at VIT serves as a hub for impactful research and innovation.



VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



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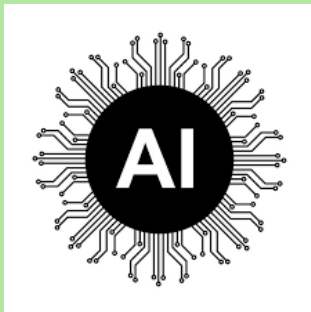
**Organized by the TIFAC-
CORE**



***VIT - A Place to Learn, A Chance to
Grow***

About the Workshop

Artificial Intelligence (AI) and Machine Learning (ML) are transforming multiple sectors by enabling intelligent data analysis, automation, and smart decision-making across engineering, healthcare, agriculture, energy, and environmental systems. Vellore Institute of Technology (VIT), a premier institution with over 40,000 students, has developed advanced research infrastructure in AI, data science, and intelligent systems to address emerging technological challenges. This workshop introduces AI and ML fundamentals, including data processing, model development, and predictive analytics for multidisciplinary applications. It includes practical demonstrations and interactive sessions, providing hands-on exposure to real-world AI solutions in healthcare, renewable energy, agriculture, and smart systems, helping participants gain essential knowledge for careers and research in AI and ML.



Organizing Committee

Chief Patron:

Dr. G. Viswanathan, Chancellor

Patrons:

Dr. Sankar Viswanathan, Vice President

Dr. Sekar Viswanathan, Vice President

Dr. G.V. Selvam, Vice-president

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Organizing secretary:

Dr. N RAJASEKAR

Director - TIFAC CORE,
VIT-Vellore

Coordinators:

Dr. N. Kalaiselvan Associate Professor
TIFAC-CORE, VIT- Vellore

Dr. Ranjithkumar S

Assistant Professor, SCOPE, VIT Vellore

Resource Person:



Mr. Mohamed Afsar , M.E

AI/ML Computational science specialist
Accenture, Chennai

Content of the Program

- **AI and ML Fundamentals**
- **Data Processing and Feature Engineering**
- **Machine Learning & Deep Learning Models**
- **AI for Smart Energy, Healthcare, and Agriculture**
- **Model Optimization and Performance Evaluation**

Target Audience:

- **UG and PG students**
- **Research scholars**
- **Faculty members**

Registration:

The participants are requested to register for the workshop through the following link:

<https://events.vit.ac.in/>

Registration fee (Including GST):

- **Faculty Members:** Rs. 500/-
- **Research Scholars:** Rs. 300/-
- **UG/PG Students:** Rs. 250/-

Last date for registration: 03.04.2026

Further contact:

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