



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

REPORT FOR 3-DAY WORKSHOP ON “AI and ITS APPLICATIONS”

Title: 3-Day Workshop on “AI and Its Applications”

Date: 15th to 17th October 2025

Venue: AVIT, Chennai Campus

Organized By: Department of Computer Science and Engineering & AI Nexus Club

Category: As part of Silver Jubilee year Celebrations

Introduction

As part of the Silver Jubilee Year Celebrations of Aarupadai Veedu Institute of Technology (AVIT), the Department of Computer Science and Engineering, in association with the AI Nexus Club, organized a three-day workshop on “AI and Its Applications” from 15th to 17th October 2025 at the Chennai Campus.

The workshop aimed to provide faculty members and students with hands-on exposure to emerging trends, tools, and frameworks in Artificial Intelligence (AI). Each session was designed to simplify complex AI concepts and highlight their practical relevance across multiple domains. The sessions were handled by eminent professors from the Department of Computer Science and Engineering, AVIT, VMRF(DU), Chennai.

Objective of the Workshop

- To introduce participants to the fundamental and advanced concepts of Artificial Intelligence and its diverse applications.
- To provide an experiential learning platform focusing on no-code AI tools, explainable AI, and generative AI technologies.
- To promote interdisciplinary research thinking and encourage participants to integrate AI-driven solutions in real-world applications.



- To develop awareness of ethical AI practices and the importance of transparency and interpretability in AI models.
- To empower faculty and students to adopt AI tools for research, innovation, and academic enhancement.

Event Details

Day 1 (15th October 2025):

Title: Machine Learning Made Easy: A No-Code Journey

Speaker: Dr. S. Pitchumani Angayarkanni, Professor, Department of CSE, AVIT

The session introduced participants to no-code machine learning platforms, demonstrating how AI models can be developed and deployed without extensive programming knowledge.

Day 2 (16th October 2025):

Title: Explainable AI (XAI) and Model Interpretability

Speaker: Dr. M. Muthukumaran, Professor, Department of CSE, AVIT

This session emphasized the growing need for transparency in AI decision-making. Participants explored the use of interpretability techniques such as SHAP and LIME for understanding model predictions.

Day 3 (17th October 2025):

Title: Integrating Generative AI into Scholarly Practices

Speaker: Dr. S. Balakrishnan, Professor & Head, Department of CSE, AVIT

The session focused on leveraging Generative AI tools for research, content creation, and academic writing, showcasing how AI can enhance scholarly productivity and creativity..

Outcomes

The workshop received enthusiastic participation from faculty members, research scholars, and students across various departments. Key outcomes included:

- Enhanced understanding of AI fundamentals and its modern applications in academia and industry.
- Hands-on familiarity with AI tools and frameworks through interactive demonstrations.
- Increased awareness of explainability, fairness, and ethics in AI-driven decision systems.
- Motivation among participants to explore research opportunities in AI and Machine Learning.
- Strengthened collaboration between faculty and students through the AI Nexus Club for future AI-based initiatives and projects.

Key takeaways

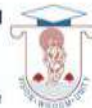
The 3-day workshop on “AI and Its Applications” was a successful and impactful event, aligning with the Silver Jubilee objectives of promoting innovation and excellence in education and research. The sessions effectively bridged theoretical understanding and practical applications, inspiring participants to continue exploring the transformative potential of Artificial Intelligence.

Coordinator

HoD/CSE



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Cordially welcomes you to the

3-day workshop on

"AI and Its Applications"

As part of VMRF(DU) Silver Jubilee Year Celebrations

15th – 17th October | 10:00 AM – 12:00 PM

TBT106, AVIT

Organized by :
Department of Computer Science and Engineering
&
AI NEXUS CLUB



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Day 1 15th October 2025

Topic

Machine Learning Made Easy: A No-Code Journey



Resource Person

Dr. S. Pitchumani Angayarkanni
Professor
Department of Computer Science and Engineering
AVIT

10:00 AM – 12:00 PM | TBT106, AVIT

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Day 2  16th October 2025

Topic

Explainable AI (XAI) and Model Interpretability



Resource Person

Dr. M. Muthukumaran

Professor
Department of Computer Science and Engineering
AVIT

 10:00 AM - 12:00 PM  TBT106, AVIT

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Day 3  17th October 2025

Topic

Integrating Generative AI into Scholarly Practices



Resource Person

Dr. S. Balakrishnan

Professor & Head
Department of Computer Science and Engineering
AVIT

 10:00 AM - 12:00 PM  TBT106, AVIT

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