



## Faculty Development Program



**VIT**<sup>®</sup>  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

**Title :** Recent Advancement and Applications in Artificial Intelligence: Research Perspective

**Date :** 2025-01-27 - 2025-01-31

**Time :** 10:00 - 17:30

**Venue :** SJT 212

### Event Outcome

- Explore the real-time practical applications of AI Technology
- Challenges and Opportunities of AI Technology
- Classical AI to Gen AI
- Evident and Responsible AI
- Realtime Image and Video Applications

	<p><b>Resource Person 1 - Details</b>  <b>Name :</b> Lakshmi Priya G G  <b>Designation :</b> Professor Grade 2, School of Design  <b>University/ Company :</b> VIT, Vellore  <b>Address :</b> India, 632014.</p>
	<p><b>Resource Person 2 - Details</b>  <b>Name :</b> Dr Deepu R  <b>Designation :</b> Senior Chief Engineer, Research and Development  <b>University/ Company :</b> Samsung Research Institute, Bangalore  <b>Address :</b> India, 560037.</p>
	<p><b>Resource Person 3 - Details</b>  <b>Name :</b> Dr D Senthilkumar  <b>Designation :</b> Assistant Professor, Computer Science Engineering  <b>University/ Company :</b> Anna University, Trichy  <b>Address :</b> India, 620024.</p>
	<p><b>Resource Person 4 - Details</b>  <b>Name :</b> Mr Mithun Kumar  <b>Designation :</b> Senior Data Scientist, IT  <b>University/ Company :</b> Acolyte Pvt Ltd, Bangalore  <b>Address :</b> India, 560043.</p>
	<p><b>Resource Person 5 - Details</b>  <b>Name :</b> Dr Rakesh Kumar  <b>Designation :</b> Technical Manager, Research and Development  <b>University/ Company :</b> HCL Tech, Chennai  <b>Address :</b> India, 600058.</p>
	<p><b>Resource Person 6 - Details</b>  <b>Name :</b> Ganesan K  <b>Designation :</b> Professor Higher Academic Grade, School of Computer Science Engineering and Information Systems  <b>University/ Company :</b> VIT, Vellore  <b>Address :</b> India, 632014.</p>
	<p><b>Resource Person 7 - Details</b>  <b>Name :</b> Dr Venkatesan M  <b>Designation :</b> Associate Professor, Computer Science Engineering  <b>University/ Company :</b> National Institute of Technology Puducherry, Karaikal  <b>Address :</b> India, 609609.</p>
	<p><b>Resource Person 8 - Details</b>  <b>Name :</b> Dr Surendiran B  <b>Designation :</b> Associate Professor, Computer Science Engineering  <b>University/ Company :</b> National Institute of Technology Puducherry, Karaikal  <b>Address :</b> India, 609609.</p>



### Resource Person 9 - Details

**Name :** Dr Prabhakaran

**Designation :** Assistant Professor, Computer science and engineering

**University/ Company :** Anna University, Trichy

**Address :** India, 620024.

### Resource Person's Profile :

#### **1. Profile of Lakshmi Priya G G**

Dr. Lakshmi Priya G.G. is a professor with more than 15 years of work experience. Her research interest lies in AI and ML.

#### **2. Profile of Dr Deepu R**

Current research area is focused on applying Deep Learning to Computer Vision problems, developing deep learning models for image retrieval, image classification, image recognition and image segmentation problems. He is involved in the development of algorithms in computer vision, machine learning and optimization of these algorithms to specific use cases (ADAS, Defence, Medical Images etc).

#### **3. Profile of Dr D Senthilkumar**

Dr. Senthilkumar D is working as a faculty in Dept. of Computer Science in Anna University from 2009 with NIRF No 13. His research areas are data science soft computing and data analytics. He has organised several workshops and conferences and has published several papers in reputed journals and international conference.

#### **4. Profile of Mr Mithun Kumar**

Certified AWS trainer with more than 10 years of experience as Data Science Engineer. Expert in R, Python, SPSS, ORANGE, TABLEAU, Machine Learning, Deep Learning, NLP

#### **5. Profile of Dr Rakesh Kumar**

A passionate engineering manager with 15 years of experience in cross-functional team management, technical writing, and innovative mindset. He has published 43 scopus indexed journal and 15 sci research publications. Currently working in responsible AI and Human-AI Interaction (HAX).

#### **6. Profile of Ganesan K**

Dr. Ganesan K. is a professor and HAG with more than 20 years of work experience. His research interest lies in AI and Image Processing.

#### **7. Profile of Dr Venkatesan M**

Dr Venkatesan M is an associate professor with more than 15 years of work experience. His research interest lies in AI, Geo Spatial Data Analysis, Blockchain, Computational Intelligence.

#### **8. Profile of Dr Surendiran B**

Dr Surendiran B is an associate professor with more than 15 years of work experience. His research interest lies in AI, Image Processing, Medical Imaging, Machine Learning, Dimensionality Reduction.

#### **9. Profile of Dr Prabhakaran**

Department of Electrical and Electronics Engineering, University College of Engineering, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli- 620024

The aim of this program is to explore the emerging trends and practical applications of AI technology. This program delves into the cutting-edge methodologies and innovative approaches driving AI forward in different industry verticals. From machine learning algorithms to black-box models, it examines the use of AI technologies in diverse applications such as healthcare, ecommerce, space and beyond. Attendees can expect insightful discussions on emerging trends, challenges, and the transformative impact of AI on present and future society. Ultimately, this program aims to foster collaboration and knowledge exchange among researchers and practitioners who are working or wants to work in this growing field of Artificial Intelligence.

Google Colab

**Coordinator's: Prof. CHEMMALAR SELVI G 14459 - Assistant Professor Sr. Grade 2 - SCORE**  
**Prof. KUMAR P J 11953 - Associate Professor Grade 2 - SCORE**