

## About SENSE:

SENSE at VIT was established for imparting state-of-the-art knowledge in Electronics and Communication Engineering and allied areas. The school has set up laboratories with excellent infrastructure in the areas of Electronics, Communication, VLSI, Embedded, Sensors and Nanotechnology. Faculties are actively involved in R&D activities and are working on research projects funded by government organizations like DRDO, ISRO (RESPOND), and DST

## Course Content:

- Fundamentals of Digital Image Processing
- Machine Learning Techniques for Image Analysis
- Deep Learning for Computer Vision
- Recent Advances in AI-Based Image Processing
- Real-World Applications and Hands-on Implementation

Date: 13th June 2026

Venue: Online

Time: 10.00 AM to 5.00 PM

## Registration Fee:

UG/PG/Research Scholars// Faculty: **Rs. 200 +GST**  
A certificate will be issued to all the registered participants. Use following link to make online payment.

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

## Advisory Committee:

### Dr. Jasmine Pemeena Priyadarisini

Professor and Dean,  
School of Electronics Engineering  
(SENSE), Vellore Institute of Technology,  
Vellore, India.

### Dr. Sundar S

Associate Professor & Head,  
Department of Embedded  
Technology  
SENSE, VIT Vellore

### Dr. Kannadassan D

Professor & Head,  
Department of Communication  
SENSE, VIT Vellore

## Coordinators

**Dr. Bijaylaxmi Das**  
**Dr. Shanidul Hoque**

School of Electronics Engineering  
(SENSE), Vellore Institute of Technology,  
Vellore – 632 014.

Contact Numbers:

+91-8984764021

E-Mail: [bijaylaxmi.das@vit.ac.in](mailto:bijaylaxmi.das@vit.ac.in)

+91-9401408475

E-Mail: [shanidul.hoque@vit.ac.in](mailto:shanidul.hoque@vit.ac.in)



## A One-day National Workshop (hands-on)

### Machine Learning for Image Processing: Fundamentals, Recent Advances, and Real-World Applications

The banner features a central graphic of a human head profile with a glowing blue brain, connected by lines to various image processing examples like a landscape, a chest X-ray, a satellite map, and a street view. Below the main title, there are five columns representing different topics: Fundamentals, Machine Learning, Deep Learning, Recent Advances, and Real-World Applications. At the bottom, logos for Python, OpenCV, TensorFlow, and PyTorch are displayed, along with the tagline 'Learn. Explore. Apply. Transform Images into Intelligent Insights.'

Organized By

**Department of Embedded  
Technology &  
Communication Engineering**  
School of Electronics  
Engineering, VIT