



STUDENT DEVELOPMENT PROGRAMME
ON COMPUTER VISION

9th April 2025 | 09:00 am to 04:30 pm
CSE BLOCK AI063F01, Acharya Campus



About the Program

The Student Development Programme on Computer Vision is designed to provide undergraduate and postgraduate students with foundational to intermediate knowledge in computer vision, covering both theory and practical applications. The program introduces students to image processing, object detection, pattern recognition, and real-world applications like facial recognition and autonomous vehicles.

Objectives of the Program

- Learn about the fundamental techniques in image acquisition, transformation, and enhancement.
- Learn about real-world applications of image processing in various domains such as medical imaging, remote sensing, and robotics.
- Understand the integration of feature extraction with classification for solving real-world image recognition problems.

Expected outcomes of the programme

- Students will demonstrate the ability to apply basic image processing techniques such as filtering, edge detection, and histogram equalization.
- Students will analyse real-world case studies of image processing applications in different fields.
- Students will develop the ability to integrate feature extraction and classification algorithms to solve complex image analysis tasks.

Important Dates

Event Details	Dates
Important Dates	09 th April 2025
Time	09:00 AM to 04:30 PM
Target Audience	Students of Sixth Semester CSE
Type of program	Offline
Venue	CSE BLOCK

Committee Members

ADVISORY COMMITTEE
<ul style="list-style-type: none">• Dr. C. K. Marigowda, Principal, AIT
CONVENER
<ul style="list-style-type: none">• Prof. Rajeev Bilagi, HOD - CSE
COORDINATOR
<ul style="list-style-type: none">• Prof. Varalakshmi B D, Assistant Professor, Dept. of CS &E, AIT.

Resource Person Details

Dr. Laxmi V,
Associate Professor, Department of ISE,
BNMIT.

Ph.D thesis Title: Detection and Analysis Framework for Chemically Ripened Fruits Using Computer Vision Techniques.

Computer Graphics and Animation, Design and Analysis of Algorithms, Operating Systems, Cyber Security, Computer Organization, Unix Programming, Data Mining and Data Warehousing, Software Architecture, File Structures, File Structures Lab with mini Project, Operating System, Analog and Digital Electronics, Analog and Digital Electronics Lab, Discrete Mathematical Structures, Design and Analysis of Algorithms Lab, Object Oriented Programming Lab, Data Structures Lab, Computer Systems Performance Analysis (MTech.), Software Architecture and Design patterns, Data Mining and Data Warehousing,Computer Organization.



Acharya Institute of Technology

Acharya Dr. S. Radhakrishnan Road, Acharya P.O
Soladevanahalli, Bangalore - 560107, Karnataka, India.

LOCATE US

Event Coordinator

Prof. Varalakshmi B D
Assistant Professor, Dept. of CSE, AIT.