## Name of the Activity: FDP: Computer Vision Applications using OpenCV

## Type of Activity: Faculty Development Programme (FDP)

## Date: 26th May 2025 – 30th May 2025

## Venue: Chandigarh Engineering College, Jhanjeri Duration of the Activity: 5 Days

## Objective of the Activity:

The FDP aimed to equip faculty members, researchers, and professionals with insights into advanced computer vision techniques, practical implementations, and industry applications.

## Outcome of the Activity:

Participants gained knowledge in image processing, object detection, deep learning, and real-world applications, enhancing research and teaching competencies.

**Conclusion**

The Faculty Development Program (FDP) offered participants extensive exposure to advanced AI-driven vision applications, equipping them with practical skills in low-code model development, forgery detection, and explainable AI, thereby strengthening their ability to design reliable and transparent computer vision solutions. The conclusion of the intensive and insightful program, providing an opportunity to consolidate learning through practical applications, assessments, and reflections was discussed. The sessions reinforced core competencies in computer vision while equipping attendees with the knowledge and skills to pursue further research and implementation, fostering deeper understanding and encouraging innovative approaches to real-world challenges.





