

PRODYOGIKI '19

Computer Vision Workshop

This is the era of Artificial Intelligence and smart machines, which can perform the tasks similar to human beings in order to make our life much easy and comfortable.

Computer Vision was introduced in order to make the machine to perceive the environment in the same way as humans do and operate more efficiently than human beings and now it has become one of the most important IT skills in industry in order to make the products much efficient and reliable. Companies like Samsung, Google, Facebook use this application of AI in many fields like face recognition, autonomous cars, surveillance in drones, security etc.

Team ISTE presents, a workshop on Open Computer Vision, for the introduction to this new field of Digital image processing. This workshop will be very beneficial for all fields of engineering as it deals with every many fields like robotics, automation, digitalization and many more.

Workshop Highlights

The skills which the students will learn is listed below:

1. Introduction to Machine Learning and Deep Learning.
2. Introduction to Convolution and its applications in Computer Vision.
3. Introduction to Computer Vision.
4. Application with codes.
5. Scope of Computer Vision in Industries.
6. Research Scope in Computer Vision.

The workshop will undergo the following steps:

1. Guidelines to install Computer Vision in various Operating System
2. Lecture on Computer Vision.