

Chapter/Student Branch Name: CMR Technical Campus

Region: V

Event Date: 29-06-2020 to 08-07-2020

Event Title: Online Faculty Development Programme & Two Weeks Certificate Program on “**Machine Learning & Computer Vision**”

Speakers:

- Prof. P.K. Biswas, IIT Kharagpur
- Dr. ParthaPratimRoy, IIT Roorkee
- Dr. Santosh Viparthy, MNIT Jaipur
- Prof. AparajitaOjha, IIITDM Jabalpur
- Dr. Subrahmanyam Murala, IIT Ropar

Gist of the Event:

In this event the following concepts are covered.

- Introduction to image processing and computer vision(CV).
- Introduction to artificial intelligence (AI) and machine learning(ML).
- Introduction to deep learning(DL).
- Understanding convolutional neural network (CNN) architectures for CV.
- Motion detection and depth estimation(DE).
- Object detection using CNN
- Applications of CNN.
- Practice sessions on implementations of CNN using Python , Tensorflow and Keras.

**Online Faculty Development Programme
& Two Weeks Certificate Program on
Machine Learning & Computer Vision
June 29 to July 8 , 2020**

Jointly Organized by:
IIT Guwahati
MNIT Jaipur
PDPM IIITDM Jabalpur
NIT Patna

Resource Persons

- Prof. P.K. Biswas, IIT Kharagpur
- Dr. Partha Pratim Roy, IIT Roorkee
- Dr. Santosh Viparthy, MNIT Jaipur
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