

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 Viparthi, 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.**
- **145 faculty participated.**

**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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