

Schedule for 05(Five) DAYS *online* AICTE Training and Learning (ATAL) FDP/PDP ON
Object Identification and Image Intelligence a practical approach

Organized by **Women's Polytechnic**, Govt. of Tripura, From 25.10.2021 to 29.10.2021

Day & Date	Session I (10.00 am – 12.00pm)		Session II (12:15 pm – 2:15 pm)	Session III (3:00 pm – 5:00 pm)
Monday 25-10-2021	Inauguration 1. <u>Welcome speech by</u> Dr. Tirtharaj sen 2. <u>Chief Guest</u> Sri N.C Sharma Director, DHE, Govt. of Tripura	Introduction to Computer vision and image recognition Dr. Suman Deb	Introduction to basic object detection algorithms Dr. Suman Deb	Introduction to tools on Image intelligence Dr. Suman Deb
Tuesday 26-10-2021	Introduction to Object Recognition With Deep Learning- Part I Dr. Ranjita Das	Introduction to Object Recognition With Deep Learning- Part II Dr. Ranjita Das	Practice sessions on implementations of CNN using Python, Tensor flow, and Keras Dr. Gourav Kumar	
Wednesday 27-10-2021	Understanding the convolutional neural network (CNN) architectures for CV. Dr. Ranjita Das	Object detection using CNN Dr. Ranjita Das	Usage of Pre-Trained Deep Learning Models for Image Analytics Dr. Gourav Kumar	
Tuesday 28-10-2021	Emotional development, stress management, meditation, human values and ethics; Prajapita Brahma Kumaries Ishwariya Vishwa Vidyalaya, Agartala	Robot Vision with Open CV Dr. Tirtharaj sen	Object Detection with YOLO Dr. Suman Deb	
Friday 29-10-2021	Motion detection and depth estimation (DE) Dr. Gourav Kumar	Hand-written digit recognition using Neural networks Anaconda and Tensor flow framework Dr. Gourav Kumar	Feedback & valedictory	

S/d
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