

Report on Faculty Development Program 1 Conducted from 21-25 June 2021

The department of ECE has conducted a 5-day Faculty Development Program on Machine Learning & Computer Vision (Basic) with the collaboration of ATAL in which a total of 130 faculty from various institutions all over India have participated.

The objective of the FDP, organized from 21 – 25 June, 2021 was to provide a Basic idea on Machine Learning & Computer Vision. This helps them to understand the domain of Machine Learning & Computer Vision and allow the participants to know the different applications where they can use Machine Learning in multiple fields mainly image processing.

The FDP was inaugurated by ATAL along with the 72 FDP's all over India. The resource persons from all over India had given their lectures on different topics related to Machine Learning & Computer Vision.

The details of day wise sessions are as follows:

Day 1: 21-06-2021 Session 1 on Research Scopes & Recent Trends in AI & ML by Dr. Gowtham Ramesh

Day 1: 21-06-2021 Session 2 on Image Representation & Enhancement by Dr. N. Rama Rao

Day 2: 22-06-2021 Session 1 Hands on Programming with Python by Ms. Jyostna Devi.

Day 2: 22-06-2021 Session 2 Lecture on Image Representation & Enhancement by Dr. MS Sudhakar

Day 3: 23-06-2021 Session 1, 2 & 3 Session covers a tool Pycaret: Automated Machine Learning Library for Regression, Classification, and Clustering delivered by Dr. Prashant Singh Rana

Day 4: 24-06-2021 Session 1 Session by Dr. Prerana Mukherjee on Object Detection and Tracking.

Day 4: 24-06-2021 Session 2 Supervised & Unsupervised Machine Learning, Traditional ML Approaches by Dr. Prerana Mukherjee

Day 4: 24-06-2021 Session 3 The Last Limb of Yoga: Meditation, a talk on Meditation by AparnaRuturajMundke&ChandrakantDeoda.

Day 5: 25-06-2021 Session 1 on ML for Medical Image processing Challenges in Medical image processing by Dr. SiddharthSrivatsava

Day 5: 25-06-2021 Session 2 on Retinal Images Segmentation, Prediction & Diagnosis, by Dr. PiyushSamant.

Day 5: 25-06-2021 Session 3 on Intelligent Transport Systems by G. Srinivas Naik.

Day 5: 25-06-2021 Session 4 on Real Time ML Applications by D. Rama Krishna

The image shows a Zoom meeting grid with 20 participants. The participants are arranged in a 5x4 grid. The names and IDs of the participants are as follows:

Participant Name	Participant Name	Participant Name	Participant Name	Participant Name
Prerana Mukherjee	Dr. Raji	ID-12 Usha Gupta	ID85-Bhumika P...	
srivalli vasantham	ID-135 POOJA SHARMA	logeshwari V	ID163 - Dr. B. Jagadeesh	A. Kondapuraja Reddy
ID 182 Rajeev Gupta	ID63 Karthikeyan M P	Lakshmiipathi Rao Akurathi	Dob-Sameer Patil	Dr. T.S. Rashmi Wilekar
ID123 Dakshata Panchal	ID 32 Nikhil Singh	ID195 Indira Priyadarshini	ID-40 Bachandeep Singh Bhatt...	ID188PRINCY SUGANTHI BAL...
Robindro Singh Khumukcham	ID 107 Rachit Ad...	ID174 Anusha M U	Puja Dhar	Neelima Nalk

The bottom of the image shows the Zoom control bar with the following elements: Security, Participants (92), Chat, Share Screen, Pause/Stop Recording, and Reactions. The Windows taskbar is visible at the very bottom with various application icons.