

SREE CHITRA THIRUNAL COLLEGE OF ENGINEERING, THIRUVANANTHAPURAM- 695018

Department of Electronics & Communication Engineering

KTU Sponsored FDP on Research Perspectives of Machine Learning and Deep Learning for Signal Processing Applications

Schedule

Date/Day	9.30 A.M. - 12.30 P.M		1.30 P.M. - 4.30 P.M.	
06-09-2021 Monday	Inauguration	Perspectives of Machine Learning & Deep Learning Algorithms Dr. Ram Prasad K (Shiv Nadar University, Chennai)	Overview of different ML Algorithms with its Mathematical Foundations Dr. Sumitra S. (IIST)	
07-09-2021 Tuesday	Introduction to Gradient Descent Algorithm and its Applications in Machine Learning Dr. Birenjith P.S. (GEC Barton Hill)		Preference learning in Socio-Sensing Systems Dr. Anup Aprem (NIT Calicut)	
08-09-2021 Wednesday	Deep Learning based Algorithms for Image Analysis Dr. Sowmya V./ Mr. Sajith Warriar (Amrita Vishwa Vidyapeetham, Coimbatore)		Deep Learning for Computer Vision Dr. Deepak Mishra (IIST)	
09-06-2021 Thursday	Machine Learning Techniques in Audio Processing Dr. Sinith M S. (GEC Thrissur)		Deep Learning for Natural Language Processing Prof. Jeena Kleenankandy (Amrita Vishwa Vidyapeetham, Coimbatore)	
10-09-2021 Friday	Deep Learning for Medical Image Analysis/Processing Dr. Varun P. Gopi (NIT Trichy)		Deep Unfolding for Signal Processing Dr. Lakshmi Narasimhan Theagarajan (IIT Palakkad)	Feedback & Valedictory Session

Lunch Break