

	Session 1 (9:30 -11:00AM)		Session 2 (11:15-12:45PM)		Lunch (12:45-1:00 PM)	Session 3 (Lab) (2:00-5:00PM)
Date	Topic	Instructor	Topic	Instructor		
16.12.2024	Introduction to DL	Dr. Tanmoy	Latest Trends of Deep Learning	Dr. Tanmoy		Introduction to Pytorch frameworks and Pytorch Base Classification Problem/Dr Rohit /Dr Pruthwik
17.12.2024	CNN/RNN/LSTM/GRU	Dr. Naveen Kumar	Transformer Architecture/BERT	Dr. Naveen Kumar		Time series forecasting using Pytorch/Dr Pruthwik
18.12.2024	Autoencoder/Denosing Encoder	Dr. Praveen	Generative Adversarial Networks & its variants	Dr. Praveen		Auto encoder Implementation using Pytorch/Dr Praveen/Dr Rohit Kumar
19.12.2024	Advanced NLP: Bridging Theory and Practice with Transformers, RAG, and Generative AI	Dev Sourav Panda	Motion Analytics and Diabetic Foot Ulcer using Deep Learning Models	Dr. Chandra Prakash		NLP Basics & Advanced NLP/Dr Rahul Dixit
20.12.2024	Addressing Hallucination in Large Language Models	Ashok Urlana, TCS Research	Robotic Applications	Prof. Ritu Tiwari		Transformer implementation using Pytorch/Dr Rahul Dixit/Dr Pruthwik
21.12.2024	Word Problem Solving using LLMs	Dr. Pruthwik	Privacy Preserved Generative Networks	Dr. Nitesh		-
23.12.2024	AI : LLMs and beyond	Dr Litton Kurisinkel, Institute for Infocomm Research, Singapore	GAN Implementation using Pytorch/ Dr Praveen			Speech to Speech Machine Translation, Prof. Dipti Misra Sharma (IIIT-Hyd) [2.00-3.30 PM] + Lab Session on GAN from 3.30-5.00 PM
24.12.2024	Foundation Models in NLP	Dr. Mounika Marreddy, Research Associate, University of Bonn	AI & CV for self driving cars	Dr Ram Padhy (IIT-BBS)		Project Presentation
25.12.2024	Project Presentation		Project Presentation			Feedback and Valedictory programme