



Demystifying GPT: Two Day Workshop on Generative AI



NSS College of Engineering, Palakkad, Kerala

Venue: Programming Lab, CNC Block



30 - 31 August 2024

9:00 AM – 4:30 PM

A hands on workshop organized by Department of Computer Science and Engineering, NSS College of Engineering, Palakkad, Kerala

Schedule

DATE & TIME	TOPIC	RESOURCE PERSON
Day 1		
Friday 30/08/2024 9.00 am – 9.15 am	Quick Welcome	
Friday 30/08/2024 9.15 am – 10.45 am	Introduction to Deep Learning for NLP Hands on - Text Representation and Classification	Dr. Anuraj Mohan NSSCE, Palakkad
Friday 30/08/2024 11.00 am – 12.30 pm	Introduction to Pytorch for Deep Learning Hands on – Building DNN using Pytorch	Dr. Sruthy Manmadhan NSSCE, Palakkad
12.30 pm – 1.15 pm Lunch Break		
Friday 30/08/2024 1.15 pm – 2.45 pm	Sequence Learning using RNN Hands on – RNN for sequence learning from Text	Mrs. Rabeena T M NSSCE, Palakkad
Friday 30/08/2024 3.00 pm – 4.30 pm	Transformer Architecture Hands on – Transformer Implementation and Applications	Dr. Anuraj Mohan NSSCE, Palakkad
Day 2		
Saturday 31/08/2024 9.00 am – 10.30 am	Pretrained Language Model – BERT Hands on – BERT fine tuning and Applications	Dr. Sruthy Manmadhan NSSCE, Palakkad

Saturday 31/08/2024 10.45 am – 12.15 pm	Generative Pretrained Transformer Architecture Hands on – GPT for Text Generative Applications	Dr. Anuraj Mohan NSSCE, Palakkad
12.15 pm – 1.15 pm Lunch Break		
Saturday 31/08/2024 1.15 pm – 2.45 pm	Creating Custom GPTs – Best Practices Hands on - Developing Applications using ChatGPT	Mr. Kiran V K NSSCE, Palakkad
Saturday 31/08/2024 3.00 pm – 4.30 pm	LLM Challenges and Recent Directions Hands on - Building LLM systems using LangChain	Mrs. Rabeena T M NSSCE, Palakkad