



Gokaraju Rangaraju Institute of Engineering and Technology

[Autonomous]

Department of Computer Science and Engineering



Center of Excellence - AI and ML Lab

The following activities are conducted under center of Excellence AI/ML Lab.

Guest Lecture on NLP with Transformers

- Organized guest lecture (online) by Mr.Sai Koushik, alumni of GRIET on 19-11-2022
- Intended participants III B.Tech CSE (60 students)
- Topics covered are :
 - Introduction to Transformers
 - Attention Mechanism
 - Transformer Architecture
 - BERT and its Variants
 - GPT Series
 - Encoder vs Decoder vs Encoder-Decoder Models
 - Pre-training and Fine-tuning Concepts
 - Hugging Face Transformers Library
 - Applications of Transformers in NLP



Data Science Training Course

- Organized 8 weeks hands-on training program from 23rd July to 30th Sept 2019.
- In association with Xenon Stack, Chundigarh
- Intended participants, III B.Tech CSE (100 students)
- Topics covered are,
 - Supervised Learning
 - Un-supervised Learning
 - Semi-supervised Learning
 - Regression
 - Recommendation System
 - Deep Learning
 - Natural Learning Processing





Valedictory function of Data Science Course:



Big Data Analytics Course

- Organized one week hands-on training program, 18th to 22nd Feb 2019
- Speaker, Mr. Mohan, Sr.Data Scientist, Tech. Mahindra

- Intended participants, III B.Tech CSE (105 students)
- Topics covered,
 - Introduction to Big Data,
 - Hadoop File System
 - Map Reduce Programming
 - Advanced Map Reduce
 - Hive, Scoop
 - Machine Learning with Spark

