JB INSTITUTE OF ENGINEERING & TECHNOLOGY
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Department of Computer Science and Engineering

DETAILED REPORT ON

**NATIONAL LEVEL ONE-WEEK FACULTY DEVELOPMENT PROGRAM
ON
"NLP and ChatGPT"
(19th to 24th JUNE 2023)**

JB Institute of Engineering & Technology (A) has organised a one-week Faculty Development Programme on **"NLP and ChatGPT"** from **June 19th to June 24th , 2023**. This FDP programme received an overwhelming response with 50 participants from various institutes/colleges approved by AICTE and affiliated to various universities across the arena of India.

Date: 19th June 2023

Inauguration:

Dr. P.C. Krishnamachary, Principal, JBIET, along with Mr. Murthy, Director of JB Group of Educational Institutions, Dr. Niraj Upadhayaya, Dean-R&D; Dr.Salaludin, Dean of Academics; Dr. G.Sreenivasulu, Head of the Department, CSE Department, and Convener of the Faculty Development Programme.

All the dignitaries and delegates are welcomed by Dr. G.Sreenivasulu, Convener, FDP. In his welcome speech, he highlighted the importance and objectives of organising this faculty development programme. In his speech, he added that Natural Language Processing, often abbreviated as NLP, is the interplay between computers and human language. It's a discipline in artificial intelligence (AI) that strives to make machines understand, interpret, and generate human language in a meaningful and purposeful way.
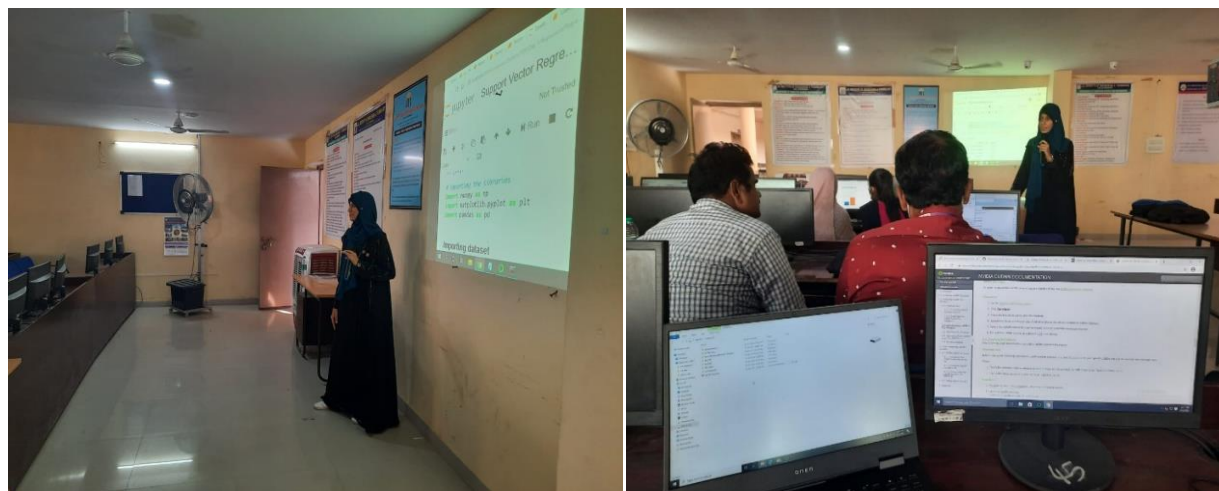
In his inaugural speech, worthy **Dr. P.C. Krishnamachary, Principal, JBIET,** thanked the management and secretary for conducting the Faculty Development Programme on "**NLP and ChatGPT**". He emphasised that technical skills among teachers can be built only through faculty development programs.

Dr. Md. Salauddin appreciated **Dr.G.Sreenivasulu, Associate Professor & HOD-CSE and Convener,** for conducting a programme on the latest trends in computer science and engineering.

The Speaker addressed the following topics during the six days sessions:

- Identifying the most pertinent information of database during processing.

- Discussions on latest trends and developments in the domain of Artificial Intelligence

- Introduction & text classification

- Language modeling and sequence tagging

- Sentiment Analysis

- BERT (Bidirectional Encoder Representations from Transformers)

- A hands-on approach to modeling NLP tasks using TensorFlow

- ChatGPT features and its limitations, working model

- ChatGPT for Data Management and Data Analytics using ChatGPT

Sessions	Resource Person	Topic
Day 1 – Day 6 19.06.2023 – 24.06.2023	**Mrs. Saba Fahreen, Pantech Solutions Pvt. Ltd., Hyderabad.**	NLP and ChatGPT

Fig 1 : Hands on session in CSE Lab (M-114)