BVRIT HYDERABAD College of Engineering for Women
AUTONOMOUS
(Approved by AICTE, Affiliated to JNTUH)
(Accredited by NBA – EEE, ECE, CSE & IT and NAAC with 'A' Grade)

Event Name: **Practical Applications of NLP: Harnessing Machine Learning and Deep Learning Models**

Date (s) of Conduction: 03-02-2024

Name of the Resource Person with Details (if any) **:** Mr.Buchhibabu Rachakonda,
Generative AI Developer
Boeing India

No. of Participants: 160

Organized by: Department of Computer Science and Engineering, BVRIT HYDERABAD College of Engineering for Women.

About the Event: The speaker started the workshop focusing on introduction to Natural Language Processing. He elaborated the comprehensive understanding of NLP concepts, applications, and advancements, including machine translation, sentiment analysis, and text generation. Participants were introduced to state-of-the-art techniques, tools, and frameworks, enabling them to explore opportunities in diverse industries like artificial intelligence, healthcare, and customer service. Hands-on sessions emphasized practical implementations, bridging the gap between theoretical knowledge and real-world applications. This workshop significantly enhanced participants' skills and awareness of emerging trends in NLP. In addition to foundational concepts, the NLP Workshop delved into advanced topics such as transformer models, sequence-to-sequence learning, and the impact of large language models in modern AI. The resource person demonstrated live examples of NLP applications, including chatbots, text summarization, and automated question-answering systems. They emphasized ethical considerations, challenges in processing multilingual data, and the growing importance of NLP in developing accessible technologies. By the end of the workshop, participants had gained practical skills, insights into cutting-edge research, and a clearer understanding of the career prospects in the rapidly evolving field of NLP.

Photos:
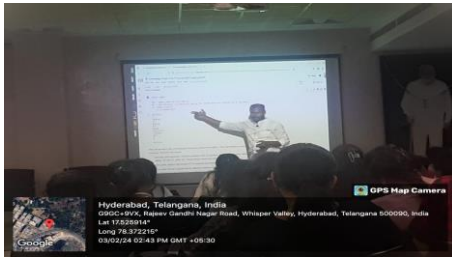
Faculty coordinator

Head of the Department