



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Report on “Guest Lecture on Natural Language Processing Uses in Industry”

Event Type	:	Guest Lecture
Date(s)	:	05 Mar 2022
Resource Person(s)	:	Dr. Swarup Ranjan Behera Ph. D (IIT Guwahati), Manager (Senior Data Scientist), Reliance Jio AICOE
Name of Convener	:	Dr O. Rama Devi, Professor & HoD, Dept. of AI & DS
Name of Coordinator:	:	Mr. S. Siva Rama Krishna, Asst. Professor, Dept. of AI & DS
Target Audience	:	I Year B.Tech. Students
Total no of Participants	:	130

Objective of the Event: Learn the new technologies to upgrade their skills.

Outcome of the Event:

- Students improve their knowledge
- Learn what is Natural Language Processing
- Uses of it.

Description of the Event:

AI&DS department planned to organize a Guest Lecture on “**Natural Language Processing Uses in Industry**” for I B. Tech Students and Dr. O Rama Devi, Head of the Department, introduced the resource person **Dr. Swarup Ranjan Behera** and welcomed all the participants to the Guest Lecture.

Resource Person has discussed the following points

- NLP is defined as the branch of Artificial Intelligence that provides computers with the capability of understanding text and spoken words in the same way a human being can.
- It incorporates machine learning models, statistics, and deep learning models into computational linguistics i.e. rule-based modeling of human language to allow computers to understand text, spoken words and understands human language, intent, and sentiment.
- Components of NLP
- NLP is used to convert text from one language to another, provide a summary to a large amount of text, respond to customer queries in chatbots, digital assistants.
- It also found application in voice-operated GPS systems and other consumer conveniences.
- NLP is becoming increasingly popular in companies for providing business solutions to enhance customer experiences, streamline operations and increase profit.

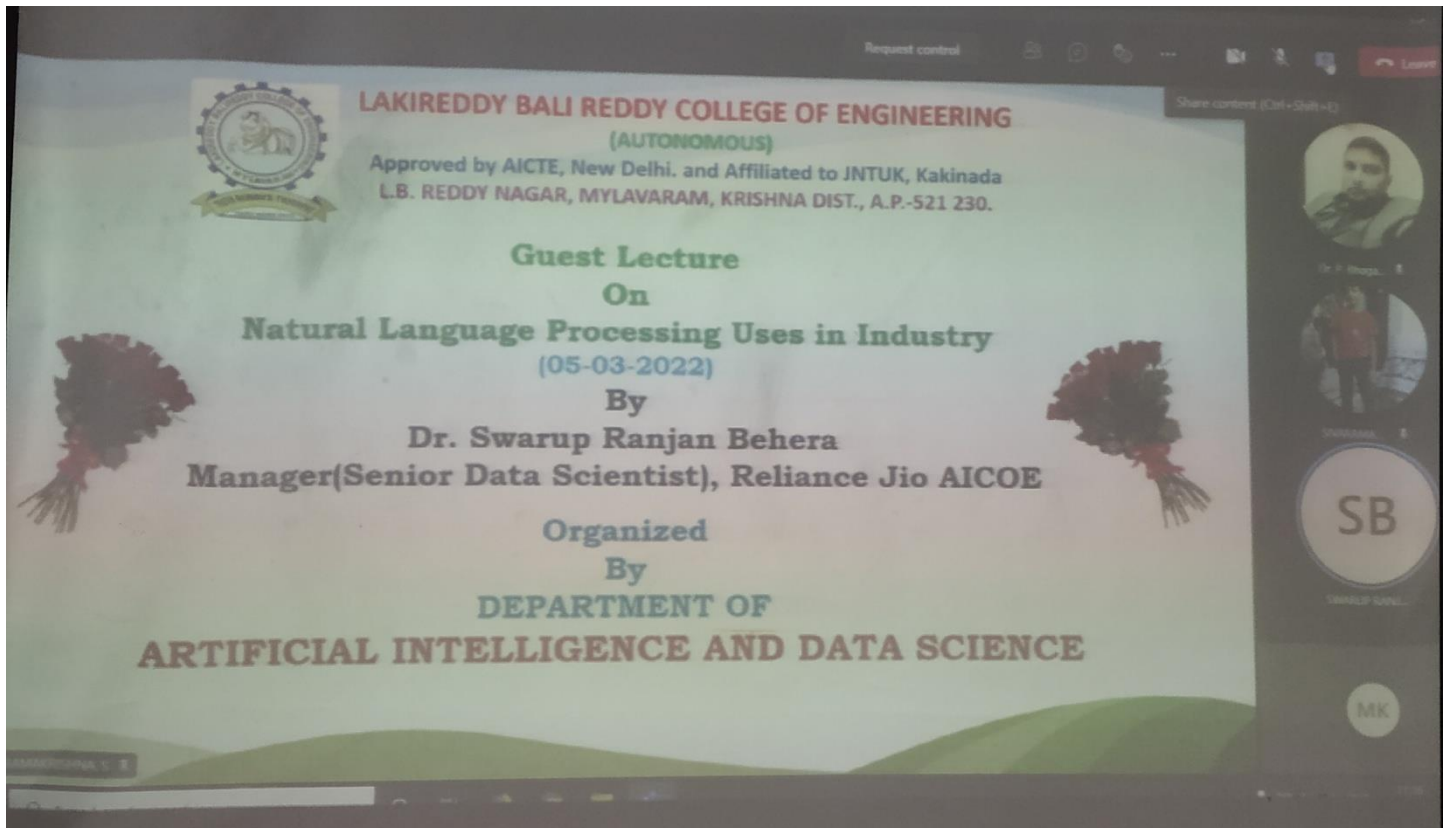
Mr. S. Siva Rama Krishna, Coordinator thanked the resource person for his valuable, outstanding presentation. He expressed this has given more knowledge on **Natural Language Processing** to students insights of implementing it. He also thanked every participant for their

active participation during entire session. He also thanked to principal and Management to encourage these kind of events in the department.

Feedback/ Suggestions:

All the participants expressed very positive feedback.

Gallery of the webinar





Rama Devi

Dr O. Rama Devi
(Head of the Department)