



JB INSTITUTE OF ENGINEERING & TECHNOLOGY

UGC Autonomous

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Department of Computer Science and Engineering

DETAILED REPORT ON

NATIONAL LEVEL ONE-WEEK FACULTY DEVELOPMENT PROGRAM ON

“Data Science through R” (13th to 18th DECEMBER 2021)

JB Institute of Engineering & Technology (A) has organized a one-week Faculty Development Programme on "**Data Science Through R**" from **December 13th to December 18th, 2021**. 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: 13th December 2021

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 "**Cloud Infrastructure**". 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:

- Introduction to Data Science , R and Basics of Data Handling.
- Data Visualization with ggplot2(Intro to ggplotly for creating static plots, customizing Visualization).
- Statistical Analysis with R.
- Introduction to Machine Learning through R.
- Advanced topics in data science with R.
- Real world application scenarios..

Sessions	Resource Person	Topic
Day 1 – Day 6 13.12.2021 – 18.12.2021	Mrs. Saba Fahreen, Pantech Solutions Pvt. Ltd., Hyderabad.	Data Science Through R

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

