



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

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

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

REPORT

on

E&ICT, MNIT-Jaipur - One-Week Faculty Development Programme

on

“Python Programming – an Industry Perspective”

2nd – 6th December, 2019

Lakireddy Bali Reddy College of Engineering (A) has organized One-Week Faculty Development Programme on **“Python Programming – an Industry Perspective”** from **2nd – 6th December, 2019**. The program conducted by Dept. of CSE and IT in association with MNIT, Jaipur. Our institute has selected as remote centre and the FDP is conducted through webinar from E&ICT, MNIT-Jaipur. The total number of faculty has participated is 33.

Day 1 (02/12/2019):

FDP was inaugurated on 2nd December, 2019 by Dr. Pilli Sudhakar, HOD, CSE, Global Coordinator of the Faculty Development Programme and **Dr. Mani Madhukar, Program Manger - University Relations, IBM India Pvt. Ltd.**



Dr. Pilli Sudhakar, HOD, CSE addressing the gathering

Resource Person: Dr. Mani Madhukar

Topics Covered:

- Python Introduction Installation
- Installation: Playing with Python UI (Lab Session)
- Operators, Conditional Statements, String Operations
- Operator, Loops, String manipulation (Lab Session)

Day 2 (03-12-2019):

Resource Person: Dr. Mani Madhukar

Topics Covered:

- Functions and List
- Functions and Lists Assignments
- OOPs implementations Tuple assignments
- Implementation of OOPs Working with Tuple

Day 3 (04-12-2019):

Resource Person: Dr. Mani Madhukar

Topics Covered:

- Dictionary, Set, File handling, Exception, Handling
- Working with Dictionary, Set File handling, Exception Handling Assignments
- Regular Expression
- Regular Expression (Lab session)

Day 4 (05-12-2019):

Resource Person: Dr. Mani Madhukar

Topics Covered:

- Python Project Discussion (Online lab session)
- Project Execution (Online lab session)
- Understanding Anaconda, Installation Understanding NumPy
- Anaconda Installation Working with NumPy

Day 5 (06-12-2019):

Resource Person: Dr. Mani Madhukar

Topics Covered:

- Understanding Pandas Working with Datasets
- Working with Pandas Exploring datasets for salary and economic purchase
- Understanding Matplotlib, SciPy Exploring Scikit Learn
- Working with Regression Clustering, Working with Matplotlib, Scikit Learn, SciPy

Global Coordinators: Dr. Pilli Emmanuel Shubhakar, MNIT Jaipur & Dr. Bharat Gupta, NIT Patna.



Dept. of CSE & IT Faculty participated in FDP