Report on
A One-week National Level Faculty Development Programme (FDP) on
"Data Science using Spark R"
Organised by
Academic Staff College
In association with
Dept. of ECE, KLEF &
Electronic & ICT Academy of NIT, Warangal
From 10th to 15th June, 2019

A One-week national level Faculty Development Programme (FDP) on "**Data Science using Spark R**" was organized by Academic Staff College in association with Department of CSE, KLEF from 10th to 15th June 2019 for which 42 faculty and scholars across Andhra Pradesh and Telangana, had registered and participated in the programme. The FDP was a jointly organized programme by Academic Staff College and Dept. Computer Science and Engineering (CS&E), KL University in association with Electronic & ICT Academy of NIT, Warangal. The FDP was financed by the Ministry of Electronics and Information Technology (MeitY), Govt. of India. Dr.K. BhanuPrakash, Professor, Department of CSE, KLU was the coordinator for the programme.

The lecture schedule as follows:

1. **Prof P RadhaKirshna, NIT, Warangal** dealt with the overview of Data Science,Data Analytics Life Cycle,Predictive Analytics and Case Studies on Predictive Analytics.

2. **Prof V Ravindranath, JNTUK, Kakinda** dealt with Probability Analysis, Inference and Modeling, Linear and Logistic Regression using R and Linear and Logistic Regression using R.

3. **Dr T Ramakrishudu, NIT, Warangal** dealt with Data Wrangling using SPARK R, Data Wrangling using SPARK R, Data Wrangling using SPARK R AND Data Wrangling using SPARK R

4. **Pawan Kumar, Citibank, Bangalore** dealt with Data Science Fundamentals using SPRAK R, SPARK R: Transformation features, SPARK R: Integration features, SPARK R and its Visualization features.

5. **Bhatt Dittakavi, CEO, Varaince.ai, Hyderabad** dealt with Use cases in Data Science, Use cases in Data Science, Data Science Case Studies and Data Science Case Studies.

6. **S Karthick, NIT-AP** dealt with Parallel Probabilistic Graphical Models for Text Analytics, Parallel Latent Factor models for Recommender Systems, Statistical/graphical models for Large-scale graph analytics (community detection), speech processing and NLP, Statistical/graphical models for Large-scale graph analytics (community detection), speech processing and NLP.

As part of the FDP, the resource persons conducted hands-on sessions and demonstrated various methods and approaches in practice of Data Science using Spark R. The FDP was conducted to the satisfaction of the participants.

Dr. V. Rajesh, Principal, ASC, and Dr. B. Siva Nagaiah Vice-Principal, ASC of KLU had honoured the resource persons with shawls and mementos. Dr.K. BanuPraksah, Professor of CSE and Coordinator of the FDP and Mr. V. VenkataNarayana Dept. ECE had coordinated the FDP.

Resource Person: Prof P Radha Krishna, NIT , Warangal

Resource Person: Dr.T RamaKrishudu, NIT, Warangal

Dr.Hari Kiran Vega, HoD-CSE

Dr.Bhanu Prakash,Coordinator-CSE