


## ACTIVITY REPORT

**Name of the Event:** One-week Faculty Development Program on “Data Analytics- Trends and Applications”

**Date & Venue of Event:** 24<sup>th</sup> June- 29<sup>th</sup> June, 2019, Department of Computer Science and Engineering

**Course Content:** The course focused on role of Big Data in shaping the world, data exploration and pre-processing, identifying the emerging research trends in data analytics, data science and advanced data models, research challenges for engineers, Hadoop, Python, R, Rapid Miner, applications of Big data and predictive analytics, classification and clustering on Big data, applications of data science for NLP, ANN, GA in problem solving, deep learning and data analytics for social good and applications, role of data analytics in sentiment analysis etc.

**Expected benefits derived and how it will be helpful to the College:** The program emphasized on emerging trends in data analytics and provided guidelines to explore the area of data analytics and its application areas. The participants learnt to develop inventive methods for solving problems related to diverse computational fields. They also got exposure to the tools, methods and current research trends prevailing in this area so that it could be used to benefit the society. The experts from various academic institutions and industries deliberated on the various research areas and shared their valuable knowledge with the participants. Thus, this type of program always play crucial role in enhancing the knowledge of the faculty. The participants will be able to utilize the knowledge for their research and will be able to help the society with the use of data analytics.

  
Signature of Coordinator *Dr. Sumit Kumar*  
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