

**Faculty Development Programme (FDP) ON
DATA SCIENCE with R at Acharya Institute of Technology, Bangalore
in association with Electronics & ICT Academy, NIT, Warangal**

Venue: Acharya Institute of Technology, Bangalore

Tentative Topics

(25-30, July 2016)

Day & Date	10.00 – 11.30		Tea Break	11.45 – 13.15		Lunch Break	14.15 – 15.45		Tea Break	16.00 – 17.30	
25.7.2016	Inauguration At 9.30am	Overview of Data Science & Analytics RBS		Basic Data Models RBS	Advanced Data Models - I RBS		Structures in Data RBS				
26.7.2016	Fundamentals of Statistics DVS/VRN			Regression Models DVS/VRN	Installation of R and Data Manipulation JB/MR		Graphical Analysis in R JB/MR				
27.7.2016	Statistical tests with R JB/MR			Analysis of variance JB/MR	Lab Session on Regression in R JB/MR		Lab Session on Regression in R JB/MR				
28.7.2016	Decision trees MTN			Decision trees MTN	Neural networks MTN		Neural Networks MTN				
29.7.2016	Clustering techniques MTN			Clustering techniques MTN	Association techniques MTN		Association techniques MTN				
30.7.2016	Overview NoSQL Databases & MongoDB Demo DVS/RP			Social Media Analytics PRK	Graph Analytics PRK		Assessment Test DVS	Valedictory Function			

RBS: R B V Subramanaym, NIT, Warangal
RP: R Phanu Bhusan, ADRIN, Hyderabad
MTN: Mithun, LetsLearnAnalytics, Bangalore
JB: J B Simha, AIT, Bangalore

DVS: D V L N Somayajulu, NIT, Warangal
PRK: P Radha Krishna, Infosys, Hyderabad
VRN: V Ravindranath, JNTUK, Kakinada
MR: Maha Rana, AIT, Bangalore