

**Faculty Development Program on  
Data Analysis using Open Source Statistical Package “R”  
in association with E&ICT Academy-NIT Warangal**

Venue: V R Siddartha Engineering College, Vijayawada

(27<sup>th</sup> November – 2<sup>nd</sup> December 2017)

**Tentative Schedule**

Day& Date	9.00 – 10.00	10.00 - 11.00		11.15 – 13.15		13.45 – 15.45		16.00 – 17.00	
<b>27.11.2017 Monday</b>	Registration (8.30am) & inauguration 9.00 am	Overview of Data Science <b>DVS</b>	<b>Tea Break</b>	Data Analytics Life Cycle & Descriptive Statistics <b>DVS</b>	<b>Lunch Break</b>	R Fundamentals <b>AL</b>	<b>Tea Break</b>	Art and Science of Data Visualization <b>AL</b>	
<b>28.11.2017 Tuesday</b>	Data Wrangling and Exploration <b>AL</b>			Grammar of Graphics <b>AL</b>		Statistics and raw data <b>AL</b>		Case Studies <b>AL</b>	
<b>29.11.2017 Wednesday</b>	Sampling and Estimation using R <b>VRN</b>			Hypothesis Testing using R <b>VRN</b>		Linear Regression Models <b>VRN</b>		Logistic and Discriminate Models <b>VRN</b>	
<b>30.11.2017 Thursday</b>	Non-linear Regression Models <b>VRN</b>			Generalized Linear Models <b>VRN</b>		Structural Equation Modeling with R <b>VRN</b>		Statistical Quality Control using R <b>VRN</b>	
<b>01.12.2017 Friday</b>	Classification and Clustering using R <b>RBS</b>			Classification and Clustering using R <b>RBS</b>		Classification and Clustering using R <b>RBS</b>		Classification and Clustering using R <b>RBS</b>	
<b>02.12.2017 Saturday</b>	Text Analytics using R <b>NB</b>			Text Analytics using R <b>NB</b>		Spatial Data Analysis using R <b>RP</b>		Spatial Data Analysis using R <b>RP</b>	Valedictory Function

**DVS:** Prof D V L N Somayajulu NITW

**RBS:** Dr R B V Subaranyam , NITW

**AL:** Dr Anand Lakshmanan, CEO, SIRPI, Bangalore

**VRN:** Prof V Ravindranath JNTUK

**RP:** Mr R Phani Bhusan. ADDRIN, Hyderabad

**NB:** Dr Nagesh Bhatt, IDRBT, Hyderabad