

**Faculty Development Program on  
Python & R Programming  
in association with E&ICT Academy-NIT Warangal**

**Venue:** Institute of Aeronautical Engineering, Dundigal, Hyderabad

**Tentative Schedule (3-9, January 2018)**

Day& Date	9.00 – 10.00	10.00 - 11.00		11.15 – 13.15		13.45 – 15.45		16.00 – 17.00	
<b>3.1.2018 Wednesday</b>	Registration & inauguration From 8.30 am	Basic features of R <b>TRK</b>	<b>Tea Break</b>	Basic features of R <b>TRK</b>	<b>Lunch Break</b>	Basic features of R <b>TRK</b>	<b>Tea Break</b>	Basic features of R <b>TRK</b>	
<b>4.1.2018 Thursday</b>	Descriptive Statistics in R <b>DVS</b>			Outlier Analysis using R <b>DVS</b>		Data Visualization using R <b>DVS</b>		Data Visualization using R <b>DVS</b>	
<b>5.1.2018 Friday</b>	Python Introduction, 2.x and 3.x Versions, Data Types & Operators <b>SS</b>			Control Statements, Standard I/O Operations <b>SS</b>		Functions <b>SS</b>		Sequences: Tuples, Lists, Sets <b>SS</b>	
<b>6.1.2018 Saturday</b>	Dictionaries, Strings and String Operations <b>SS</b>			Dictionaries, Strings and String Operations <b>SS</b>		Dictionaries, Strings and String Operations <b>SS</b>		Connectivity of Python with MySQL, MongoDB, Twitter API <b>SS</b>	
<b>7.1.2018 Sunday</b>	Modules and Packages <b>SS</b>			Standard Python Modules <b>SS</b>		Comprehensions, Generators <b>SS</b>		Exception Handling and Regular Expressions <b>SS</b>	
<b>8.1.2018 Monday</b>	Mathematical modeling using R <b>VRN</b>			Mathematical modeling using R <b>VRN</b>		Mathematical modeling using R <b>VRN</b>		Mathematical modeling using R <b>VRN</b>	
<b>9.1.2018 Tuesday</b>	Sentimental analysis in R <b>NB</b>			Sentimental analysis in R <b>NB</b>		In-database Analytics <b>DVS</b>		Test <b>DVS</b>	Valedictory function

DVS : D V L N Somayajulu, NITW ; NB : Nagesh Bhatt, IDRBT, Hyderabad;  
SS : Saya Srinivasulu, Bangalore; VRN : V Ravindranath, JNTUK, Kakinada;  
TRK: T Ramakrishnudu