



Electronics & ICT Academy

(Under Ministry of Electronics and Information Technology (MeitY), Govt. of India)

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Faculty Development Programme

On

Data Analysis using open source software

Venue: *Pramathesh Barua College, Gauripur*

(12 - 18 November, 2018)

Date	Time	Topic
Day-1 12-11-2018	09:30 am - 10:00 am	Registration and Reporting
	10:00 am - 11:00 am	Inauguration
		Welcome
		Agenda
		Course Objective and Interactive Sessions
	11:00 am - 11:15 am	Tea Break
	11:15 am - 01:15 pm	Chapter 1 - SPSS
		SPSS Installation
		3.1 SPSS/Fundamentals of Data Analysis, Statistics & SPSS
		Exercise 1
01:15 pm - 01:45 pm	Lunch Break	
01:45 pm - 03:45 pm	3.2 SPSS/ Descriptive Analysis & Chi-square test, Test of means	
	Exercise 2	
03:45 pm - 04:00 pm	Tea Break	
04:00 pm - 04:30 pm	MCQ-1	
Day-2 13-11-2018	09:30 am - 11:00 am	3.3 SPSS/ Factor Analysis Exercise 3
	11:00 am-11:15 am	Tea Break
	11:15 am - 01:15 am	3.4 SPSS/Correlation
		Exercise 4
	01:15 pm-01:45 pm	Lunch Break
	01:45 pm - 03:45 pm	3.5 SPSS/ Graphs
		Exercise 5
		3.6 SPSS/Linear Regression Analysis Exercise 6
03:45 pm-04:00 pm	Tea Break	
04:00 pm -04:30 pm	MCQ-2	
Day-3 14-11-2018	09:30 am - 11:00 am	3.7 SPSS/Test of Normality Exercise 7
	11:00 am - 11:15 am	Tea Break



	11:15 am - 01:15 pm	3.8 SPSS/Hypothesis Testing using Non Parametric Tests
	01:15 pm - 01:45 pm	Lunch Break
	01:45 pm - 03:45 pm	3.8 SPSS/Hypothesis Testing using Non Parametric Tests contd... <i>Exercise 8</i>
	03:45 pm - 04:00 pm	Tea Break
	04:00 pm - 04:30 pm	MCQ-3
Day-4 15-11-2018	09:30 am - 11:00 am	ANOVA (ONE WAY & TWO WAY) THEORY & PRACTICAL
	11:00 am - 11:15 am	Tea Break
	11:15 am - 01:15 pm	<i>Exercise 9</i>
	01:15 pm - 01:45 pm	Lunch Break
	01:45 pm - 03:45 pm	ANCOVA, MANOVA AND MANCOVA <i>Exercise 10</i>
	03:45 pm - 04:00 pm	Tea Break
	04:00 pm - 04:30 pm	MCQ-4
Day-5 16-11-2018	09:30 am - 11:00 am	LOGISTIC REGRESSION(BINARY AND NOMINAL) <i>Exercise 11</i>
	11:00 am - 11:15 am	Tea Break
	11:15 am - 01:15 pm	<i>Exercise 12</i> FACTOR/PRINCIPAL COMPONENT ANALYSIS
	01:15 pm - 01:45 pm	Lunch Break
	01:45 pm - 02:45 pm	<i>Exercise 13</i>
	02:45 pm - 03:00 pm	Tea Break
	03:00 pm - 03:30 pm	MCQ-5
Day-6 17-11-2018	09:30 am - 11:00 am	CLUSTER ANALYSIS <i>Exercise 14</i>
	11:00 am-11:15 am	Tea Break
	11:15 am - 01:15 pm	DISCREMENENT FUNCTION ANALYSIS
	01:15 pm - 01:45 pm	Lunch Break
	01:45 pm - 02:45 pm	<i>Exercise 15</i>
	02:45 pm - 03:00 pm	Tea Break
	03:00 pm - 03:30 pm	MCQ-6
Day-7 18-11-2018	09:30 am-11:00 am	Certificate Distribution and Valedictory