



Electronics & ICT Academy

(Under Ministry of Electronics and Information Technology, Government of India)
Indian Institute of Technology Guwahati, Guwahati, Assam, Pin 781039

Phone: +91-361-2583182, 2583009 Email: eictacad@iitg.ernet.in

Faculty Development Programme
on

“Statistical Analysis, Pedagogy & Stress Management”

Date: 03-08 June, 2019

Venue: Royal School of Law and Administration, The Assam Royal Global University, Guwahati

Date	Time	Topic
03-06-2019 (Day 1)	09:30 am-10:00 am	Registration & Reporting
	10:00 am-10:30 am	Inauguration
	10:30 am-10:45 am	Tea Break
	10:45 am-01:00 pm	Pedagogy Speaker: Prof. Ratnajit Bhattacharjee Professor Department of Electronics & Electrical Engineering IIT Guwahati
	01:00 pm-02:00 pm	Lunch
	02:00 pm-03:15 pm	<ul style="list-style-type: none"> What is Stress? Advantages of Stress
	03:15 pm-03:30 pm	Tea Break
	03:30 pm-05:30 pm	<ul style="list-style-type: none"> Symptoms of Stress What is Stress Management? Stress: The Science and Sources
04-06-2019 (Day 2)	09:30 am-11:00 am	<ul style="list-style-type: none"> Stress Helpful or Harmful? Facts and Tips about Stress Management
	11:00 am-11:15 am	Tea Break
	11:15 am-11:45 am	<ul style="list-style-type: none"> Stress Management Strategies Workplace Stress - Facts
	11:45 am-01:00 pm	
	01:00 pm-02:00 pm	Lunch
	02:00 pm-03:15 pm	<ul style="list-style-type: none"> Prevention of workplace stress with Activities Managing Stress - individually
	03:15 pm-03:30 pm	Tea Break
	03:30 pm-05:30 pm	<ul style="list-style-type: none"> Stress management advantages with Activities Schedule time to de-stress Maladaptive Coping Behaviors, Maladaptive Cognitive Coping
Assessment		
06-06-2019 (Day 3)	09:30 am-11:00 am	Documentary “STRESS: Portrait of a Killer”
	11:00 am-11:15 am	Tea Break
	11:15 am-01:00 pm	<ul style="list-style-type: none"> Time & Life Management by balancing Stress Final Reflection: My Stress Management Plan
	01:00 pm-02:00 pm	Lunch
	02:00 pm-03:15 pm	SPSS <ul style="list-style-type: none"> Installation
	03:15 pm-03:30 pm	Tea Break



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	03:30 pm-05:30 pm	<ul style="list-style-type: none"> • Introduction to Statistical Analysis & Research methods, • Understanding the nature and types of Data • The Initial SPSS window(s) – Data View and Variable View
		<i>Assessment</i>
07-06-2019 (Day 4)	09:30 am-11:30 am	Research Methodologies Speaker: Prof. Praveen Kumar Professor Department of Electronics & Electrical Engineering IIT Guwahati
	11:30 am-11:45 am	Tea Break
	11:45 am-01:00 pm	<ul style="list-style-type: none"> • Creation of a small data file and computation of new variables • Descriptive statistics • Cross Tabulation • Frequencies by visual Binning
	01:00 pm-02:00 pm	Lunch
	02:00 pm-03:15 pm	<ul style="list-style-type: none"> • Explore • Charts and Graphs • Test for normality • Test for outlier
	03:15 pm-03:30 pm	Tea Break
	03:30 pm-05:30 pm	<ul style="list-style-type: none"> • Hands on operation
08-06-2019 (Day 5)	09:30 am-11:00 am	<ul style="list-style-type: none"> • Testing of Hypothesis • One sample t test • Independent sample t test • paired T-test
	11:00 am-11:15 am	Tea Break
	11:15 am-01:00 pm	<ul style="list-style-type: none"> • Testing of Hypothesis • One sample t test • Independent sample t test • paired T-test
	01:00 pm-02:00 pm	Lunch
	02:00 pm-03:45 pm	<ul style="list-style-type: none"> • Testing of Hypothesis..... • ANOVA • Post-Hoc Tests • Chi-Square Test
	03:45 pm-04:00 pm	Tea Break
	04:00 Onwards	Valedictory Session