AICTE Sponsored Online FDP on Research Methodology- Techniques & Software for Social Sciences
(SPSS Based Advanced Level)
06/09/2021 to 10/09/2021

Organized by
Department of Business Administration
Assam University, Silchar
(A Central University)

Sponsored By

AICTE Training and Learning (ATAL) Academy.

The Department of Business Administration, Assam University, Silchar is organizing an AICTE Sponsored FDP on Research Methodology- Techniques & Software for Social Sciences from 6th September, 2021 to 10th September, 2021. The workshop will give exposure to Faculties and./Ph.D./PDF Scholars about SPSS software and its use for analysis of different research data and its proper interpretation.

The Objectives of the Workshop are to provide and impart statistical analysis skills on the topics such as:
- *Overview of SPSS Interface*
- *Parametric and Non-Parametric Tests*
- *Correlation Research and Regression Analysis*
- *ANOVA designs*
- *Cluster and Discriminant Analysis*
- *Factor Analysis*

Eligibility of the Participants:
The target audiences for the FDP are the faculty members of the AICTE approved institutions, Research scholars, PG Scholars, participants from Government Universities, Industry (Bureaucrats/Technicians/Participants from Industry etc.)/School Teachers and staff of host institutions.

How to apply:
Login to AICTE ATAL Portal and register as participant by visiting: https://atalacademy.aicte-india.org. After registering as participant choose this program from the list of workshops.

Registration Fee:

Free for all participants. The participants will be selected on first come, first service basis. Further, Certificate will be provided to the participant after successful completion of the training program with at least 80% attendance and 60% marks in assessment test.

Course Coordinator: Dr. Deepjyoti Choudhury,
Assistant Professor, Department of Business Administration, Assam University, Silchar, Assam

Contacts: 7002745351, 9401294696, Email:
choudhurydeepjyoti@gmail.com, deepjyoti.choudhury@aus.ac.in

TENTATIVE SCHEDULE

	10am – 12.00pm	12.00pm-2.15pm	12.15pm- 2.15pm	2:15pm – 3.00pm	3.00pm-5pm	
Day 1	Introduction to SPSS, Interface of SPSS: Data nature, preparation & right statistical methods, Survey research, Questionnaire,Primary data,Entering data, **Exercise**	Tea Break	Coding, recoding & transformation of variables, Sample data Measurement of frequencies and its Interpretation, Formatting SPSS output tables for reporting into research papers. **Exercise**	Lunch Break	Data selection, cross tabulation, tests of association or independence. **Exercise**	
Day 2	Graphical representation of curves & diagrams **Exercise**	Tea Break	Parametric Tests analysis interpretation with examples **Exercise**	Lunch Break	One-way ANOVA, two-way ANOVA, Post Hoc Interpretations with examples. **Exercise**	
Day 3	Non-Parametric Tests analysis interpretation with examples **Exercise**	Tea Break	Correlation analysis interpretation with examples **Exercise**	Lunch Break	Regression Analysis, Multiple regressions and its interpretation with examples. **Exercise**	
Day 4	Logistic regression analysis interpretation with examples **Exercise**	Tea Break	Factor Analysis, its requirement in different research designs, its interpretation with examples. **Exercise**	Lunch Break	Discriminant Analysis and its interpretation with examples. **Exercise**	
Day 5	ART OF LIVING	Tea Break	Cluster Analysis and its interpretation with examples. **Exercise**	Lunch Break	**3.00pm to 4.00pm** Evaluation & Feedback	**4.00pm to 5.00pm** Valedictory

****