

AICTE Sponsored Online FDP on Research Methodology- Techniques & Software for Social Sciences

(SPSS Based Elementary Level)

23/08/2021 to 27/08/2021



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 23rd August, 2021 to 27th August, 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 the necessary expertise, so that research scholar(s), young faculties can formulate a suitable research design, including literature review, gaps identification, defining research objectives, research questions and hypothesis.
- ✦ To conceptualize the concepts and writing good research proposals, incorporation of qualitative and quantitative research methods.
- ✦ Exposure to statistical software and hands-on training: SPSS
- ✦ Opportunities for young Researchers etc.

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.










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TENTATIVE SCHEDULE

	10am - 12.00pm	12.00pm-12.15pm	12.15pm- 2.15pm	2:15pm - 3.00pm	3.00pm-5pm
August 23, 2021	Different approach to Research <ul style="list-style-type: none"> • Historical • Case Study • Descriptive • Experimental 	Tea Break	Types of Research & Research Design <ul style="list-style-type: none"> • Fundamental Vs Applied Research • Different types of applied research • Identification of research Problem • Research question • Exploratory, descriptive and causal research 	Lunch Break	Literature Review & Hypothesis Development <ul style="list-style-type: none"> • It's types and need • From research question to hypothesis • Finding research literature • Need of review • Loosing focus in review? 
August 24, 2021	Art of Living (To be decided later) 	Tea Break	Primary & Secondary Methods of Data Collection, Bibliography and Referencing <ul style="list-style-type: none"> • Observation method • Interview method • Questionnaire • Documentary Sources • Bibliographic Sources in the web • Online Database • Importance of Referencing & Bibliography • Different Citation Styles 	Lunch Break	Designing of Questionnaire & Sampling <ul style="list-style-type: none"> • Types, content • Question wordings • Question error Size, coding etc. • Types of sampling • Sample size determination • Scaling technique 
August 25, 2021	Basic Statistics <ul style="list-style-type: none"> • Measures of Central tendency • Measures of dispersion • Correlation • Test of Significance its need and terminologies 	Tea Break	Test of Significance <ul style="list-style-type: none"> • Z test • Chi-square test • One Sample t test • Two sample t test • Paired sample t test • F-Test 	Lunch Break	Writing Research Report & Common errors in reporting research findings <ul style="list-style-type: none"> • Criteria • Title page, table of contents, executive summary, body, conclusion and recommendations • Appendix • Where and how errors take place • Language errors 

August 26, 2021	Regression Analysis <ul style="list-style-type: none"> Simple Regression Multiple regression 	Tea Break	Hands on Training (SPSS) <ul style="list-style-type: none"> Entering primary data in SPSS Tabulation Arithmetic calculations 	Lunch Break	Hands on Training (SPSS) <ul style="list-style-type: none"> Measuring Descriptive statistics, Testing of Hypothesis 	
August 27, 2021	Hands on Training (SPSS) <ul style="list-style-type: none"> Testing of Hypothesis Drawing Conclusions 	Tea Break	Opportunities for young researchers <ul style="list-style-type: none"> A general talk on the opportunities, grant, job prospects, funding organizations for projects etc. after Ph. D. 	Lunch Break	3.00pm to 4.00pm Evaluation & Feedback 	4.00pm to 5.00pm Valedictory 
		Based on Lecture Method		Based on Participation	