



**Department of Statistics,
Assam University, Silchar-788011**

Report of the Five Day Workshop on Data Analysis in SPSS

25th February to 1st March, 2019

As a part of the different training programmes organized by the Department, a Workshop was planned from 25th February to 1st March, 2019. As the demand of conducting training programs in Statistical Packages of Social Science (SPSS) was always there from the Research Scholars and faculty members of the other departments so this workshop was designed. This was the time when the university was busy with the celebration of Social Week and the regular PG classes of the university was suspended. This provided with the opportunity to organize the event without disturbing the regular academic activities of the department. Most teachers at that time were in leave so the event was organized by the research scholars of the department viz. Mr. Mrinal Deka and Ms. Priyanka Talukdar. The Head of the Department, Prof. Dibyojyoti Bhattacharjee was the sole resource person in the entire workshop.

The expenses of running the workshop was from the Registration Fees of the participants. The university also contributed some money from the Annual Course Fees of the Department. The target participants for the workshop was PG Students, Registered/enrolled Ph.D or M. Phil student and Faculty Member of any recognized university/college/institute who is in need of training in SPSS. It is pertinent to mention here that the department possesses licensed version of SPSS 23.0.

The main objective of the workshop was to train the participants on Data Analysis using SPSS along with the underlying theory behind different statistical tools. It will comprise the lectures on basic statistics and basics of SPSS, descriptive statistics and graphs in SPSS, bivariate data analysis, multiple regression, parametric and non-parametric tests, factor analysis, cluster analysis, discriminant analysis, survival analysis, logistic regression, time series analysis and scaling techniques in SPSS with a brief outline of relevant theory.


















A total of 44 participants registered for the workshop out of which 7 of them were out-station participants. Participants were from different disciplines viz. Library Science, Management, Mathematics, Life Science, Doctors, Economics, Political Science, Commerce, Statistics, Social Work, Education etc. The detailed participants list are as follows:

Name	Affiliation	Designation
Sunita Das	Assam University	Research Scholar
Dr. Sagarika Dey	Assam University	Assistant Professor
Satarupa Bhattacharjee	Assam University	Research Scholar
Nazrana Begum Choudhury	Assam University	Research Scholar

Name	Affiliation	Designation
Sudeepta Raha	Assam University	Research Scholar
Avinash Kumar	Assam University	Assistant Professor
Minakshi Bhattacharjee	Assam Down Town University	Associate Professor
Priyanka Daimary	Assam University	Research Scholar
Labanya Khanikar	Assam University	Research Scholar
Abhijit Mandal	Assam University	Research Scholar
Pratik Deb Roy	Assam University	Research Scholar
Bechan Singh	Assam University	Research Scholar
Samapti Nath	Assam University	Research Scholar
Rajdeep Das	Assam University	Research Scholar
Gulzar Alam Khan	Assam University	Research Scholar
L. Homang Wanmai	NEHU	Research Scholar
Dr.Muhammed Khairujjaman Mazumdar	Assam University	Research Associate
Dr. Paromita Das	Assam University	Asst. Professor
Anuradha Dey	Assam University	Research Scholar
Jyotish Dutta	Assam University	Research Scholar
Lipika Haflongbar	Assam University	Research Scholar
Dr.Swapan Kumar Mandal	Assam University	Asst. Professor
Kalyani Chakravorty	Assam University	Research Scholar
I Luithuiwung Awungshi	Assam University	Research Scholar
Rimpi Kurmi	Assam University	Research Scholar
Tapas Kumar Sahoo	Assam University	Research Scholar
Dr. Diwakar Kumar	Assam University	Asst. Professor
Dr. Indu Sharma	Assam University	Asst. Professor
Paromita Saha	Assam University	Research Scholar
Debtosh Chakraborty	S.S. College	Asst. Professor
Munmun Nath	S.S. College	Asst. Professor
Subrata Das	S.S. College	Asst. Professor
Soumya Chowdhury	Assam University	Research Scholar
Hemanta Nath	Assam University	Research Scholar
Tumpha Deb	Unity College, Dimapur	Assistant Professor
Nabarun Saha	Sundari Mohan Seva Bhawan	Physiotherapist
Dr. Sanjoy Das	Indira Gandhi National Tribal University	Associate Professor
Pushpita Das	Assam University	Research Scholar
Dr. Sangeeta Roy	SMCH	PGT 1st Year Student
Dr. Shirsendu Roy	SMCH	PGT 1st Year Student
Amalesh Adhikary	Assam University	Research Scholar
Birupakshya Paul Choudhury	Assam University	Research Scholar
Niha Das	Assam University	Research Scholar

In the training program stress was given to both theoretical concepts of Statistics as well as the computation of statistical tools using SPSS. Participants were also given exercise after every class, called “Hands-on”, to do the calculations in the workshop itself. This gave real time

exposure of the participants to SPSS. All the participants were provided with conference kit, light refreshment in the morning and evening and vegetarian working lunch during the workshop days. All the participants were certified after successful completion of the program. The program schedule of the workshop showing the topics that were covered are as below.

Date	10 am – 11:30 am	11:45am – 1:15pm		2pm – 3:30pm	3:45pm – 5 pm
25.2.2019	Breaking the Ice with Basic Statistics (Shall start at 10:30 am) 	SPSS Basics- Sliding to Hands on 	L u n c h B r e a k	Delivering on Descriptive Statistics 	Going Simple its Hands on time 
26.2.2019	Two is better than one- Bivariate 	Handshake with Hands-on 		Regression- Rocks 	Rock Climbing with Regression 
27.2.2019	Text on Tests (Parametric) 	Trying Statistical Tests 		Non-parametric Nostalgia 	Track with Non-parametric Tests 
28.2.2019	Look-Logistic Start-Scaling 	Faltoo ka Movie Break		Fall with Factor Cut with Cluster 	Crack the “Movie Break” Data 
1.3.2019	Survival of the fittest 	Check your hands on Cluster 		Feedback and Valedictory	

In the last day of the workshop feedback was collected from the participants. There were two types of feedback that were collected. One was related to the performance of the Resource Person of the Training Program on ten parameters that were predetermined by the ICSSR and the other one was related to the Management of the event which was mainly concerning the organizers. The feedback collected was very quickly analyzed and presented before the participants. The organizers accepted the suggestions given by the participants and promised to work on those in the coming programs.



Group Photo of the participants after the Valedictory Session of the Training Program
