

WORKSHOP REPORT

Introduction

The One-week Research Methodology Workshop cum FDP on “Introduction to Cross-sectional Data Analysis using SPSS and JAMOVI” in joint collaboration with the Department of Commerce , University of Calcutta and The Institute of Cost Accountant of India was organised by the Department of Commerce, Kidderpore college from 17th August to 23rd August 2020. Considering the present pandemic situation of COVID-19, this Workshop cum FDP was conducted by on-line mode using **Google meet platform**.

Aims and Objectives

This workshop was a combination of theoretical exercise on research tools and techniques and **“hand on” practice virtually**. It aims to provide opportunities to the faculty members and the research scholars to gain knowledge about the theoretical aspects of different research methodologies as well the application of those research tools and techniques using (paid software) SPSS and (open source) JAMOVI. This workshop also intends to develop knowledge of the participants on Cross- sectional Data Analysis which, in turn, will help them to enhance their working capabilities in conducting successful researches.

Inauguration of the Workshop

The workshop opened with a formal Inaugural session on 17th August 2020 at 10 a.m with the presence of esteemed dignitaries from the University of Calcutta and the Institute of Cost Accountants of India. The workshop was inaugurated by the gracious presence of Honorable -

Dr Prabodh Kumar Mishra	Associate Prof in Commerce and Convenor, Kidderpore college.
Prof. Dr Ashish Kumar Sana	Prof and Head, Department of Commerce, University of Calcutta
Dr Avijit Ganguly	Principal, Kidderpore college
CMA (Dr) Debaprosanna Nandy	Sr. Director- Studies ,Advanced studies and Placement Editor- The Management Accountant and Research Bulletin, ICAI
CMA Debasish Mitra	Chairman, Board of Advanced Studies, ICAI
Prof. Dr Sidhartha Sankar Saha	(Professor and DEAN, Faculty Council of Post graduate Studies in Commerce, Social Welfare and Business Management (actg) University of Calcutta.)
Prof. Debashis Das	Honourable Registrar, University of Calcutta
Dr. Sohag Joarder	Associate Prof in Commerce and Joint Convenor, Kidderpore college.

Brief details of the Conduct of Workshop Sessions

The technical sessions of the workshop were commenced after the introduction and inaugural session. This workshop consists of **15 (fifteen) sessions altogether** apart from the inaugural and valedictory session, **out of which 11 (eleven) of them were based on theoretical lectures** and the rest of **4 (four) were conducted for the hand on training of the participants**. In addition to these 15 sessions, one “hand on training “session was also provided on the demands of the participants. We have invited 6 (six) resource persons from different academic field for delivering their valued lectures for 4 hours each day – first for Session-1 (from 11 am to 1 pm) and second for Session 2 (either from 3- 5 pm or from 6 to 8 pm).The brief details of the same are as follows:

The 1 st technical session was conducted by	Prof. Sharmistha Banerjee (University of Calcutta)	On Research Overview and Data Measurement
The 2 nd technical session was conducted by	Prof. Amalendu Bhunia (University of Kalyani, west Bengal)	On Questionnaire Design and Measurement of Scale
The 3 rd technical session was conducted by	Prof. Kalpataru Bandyopadhyay (Vidyasagar University, west Bengal)	Sampling and Statistical Inference

The 4 th , 5 th , 6 th and 7 th and 10 th technical sessions were conducted by	Dr. Sudip Mukherjee (Dinibandhu Mahavidyalaya, Bangaon, West Bengal)	Normality, Homogeneity, Parametric and Non parametric test,
8 th technical session was conducted by	Prof. Sudipti Banerjee (Former Prof of Commerce, CU)	Qualitative Research
9 th , 11 th , 12 th , 13 th , 14 th , 15 th technical session were conducted by	Dr. Gautam Bandyopadhyay (Associate Prof, NIT Durgapur, west Bengal)	ANOVA, Chi-square and Nonparametric ANOVA, Correlation, Multiple linear regression, PCA and Factor analysis

Each of the session had been started with a brief introduction of the resource person and concluded with vote of thanks by the faculty members of the department of commerce, Kidderpore college.

For the benefits of the participants, we had created an official Whatsapp group with the participants as an alternative and quick means of communication. Every day, before each session, the link for attending the FDP had been sent to the participants through Email as well as through the Whatsapp group. Before each session Content of the discussion, as send by the speakers were also provided to the participants well in advance for their self preparation. After the session, the link for the video of each lecture session and on-line training session along with the link for filling up the feed-back form have also been uploaded in their individual email as well as in the Whatsapp group.

The Participants and Evaluation of their roles in the workshop

We have received 392 on-line responses from different participants. Initially, 40 participants were selected and registered on first-come first served basis. Thereafter we had decided to increase the capacity considering our infrastructure of the workshop. Finally, the workshop was attended by 52 participants (including 2 from outside our state domain) from which nearly 26 are faculty members of commerce, management and economics, mathematics and rest are research scholars under different universities. Almost all participants have actively attended all the sessions. As per our previous planning, assignments were given to the participants and these have been duly prepared to their level best .All participants have appeared for the online MCQ test and submitted their answers within the stipulated time frame at the end of each session. They have filled-up the “Feedback From “online after the end of each session. It has been noticed that the participants have interacted with the honourable speakers during the question- answer session each day .They have shown their enthusiasm and perfect involvement by discussing the assignment paper in and each and every lab session.

Outcome:

All the sessions were very informative. The discussed areas are of great benefit for the participants as the topics match with the introduction level of their academic research. Participants have been enlightened with informative lecture sessions and they have learnt a lot from the online practice sessions also. The workshop consists of both theory and practical. By the end of the programme, they are expected to develop conceptual clarity and practical knowledge to undertake quality research. The participants have eagerly participated and expressed their understanding about statistical tools used in the research methodology. This in turn will help in motivating them to get an insight of understanding research methodology.