

One-week Research Methodology Workshop cum FDP On

Introduction to Cross-Sectional Data Analysis using SPSS and JAMOVI

Organised by



**Department of Commerce
Kidderpore College**

In Joint Collaboration with



**Department of Commerce
University of Calcutta**

&



**The Institute of Cost Accountants of India
(Statutory body under an Act of Parliament)**

Duration: 17th August – 23 August, 2020

About the Workshop

Data analysis is an integral part of academic Research. The process involves inspecting, transforming, modelling and interpretation of data of research study. Keeping these objectives in mind, Department of Commerce, Kidderpore College, in collaboration with the Department of Commerce, University of Calcutta and The Institute of Cost Accountants of India is going to organise a one week workshop cum FDP.

This workshop is structured in order to pass on knowledge about the theoretical background as well as the application of research tools using SPSS (Paid Software) and JAMOVI (Open source). This workshop is designed primarily to focus on Cross-Sectional Data Analysis which is going to help research scholars and faculty members to enhance their working capabilities in conducting successful academic researches.

Broad areas to be covered

- Basics of data types and Descriptive Statistics
- Normality and Homogeneity test of data
- Independent t-test and Paired t-test
- ANOVA and Chi-square test
- Non-parametric test
- Correlation and Multiple Linear Regression
- PCA and Factor Analysis

Outcome expected from the workshop

- Able to use open software for data analysis in research
- Gain insights about the differences between paid and open software in research
- Able to comprehend basic and inferential statistics in research
- Empowered to handle independently data analysis in research

Who can Participate?

- Faculty members from commerce, management and economics background.
- Research Scholars and research associates.
- Others who are interested in Data Analysis

Maximum number of participants of this workshop cum FDP is limited to forty only (40) and they will be allowed to participate on a first come first served basis.

Mode of Workshop

Online mode will be used for conducting the workshop using any one of the following platforms like Google Meet/ Zoom/ CISCO Webex, which will be informed through WhatsApp group to be created for this purpose.

Process of Registration

Click the link below and fill the Pre-registration form. Selected Candidates will be informed through mail or Phone for payment of participation fees. They will be finally enrolled after the payment of fee in the designated Bank given below.

Link: <https://forms.gle/tGN1mJx7XgBj8XbN8>

Important Dates

- ❑ Last date of Registration: 8th August, 2020
- ❑ Date of Confirmation: 10th August, 2020
- ❑ Last date of Payment: 12th August, 2020

Essential requirement for participation in Workshop

1. Desktop/Laptop with good internet speed and necessary data pack, webcam and microphone/headphone.
2. Trial version of statistical software like SPSS and JAMOVI 9 (downloadable freely)

Certificate of the workshop cum FDP will be issued to the participants on the basis of their attendance, submission of assignments and qualification in the test (MCQs based), to be conducted at the end of the programme.

Timing of the workshop (Tentative)

- ❑ Technical Session 1 : 11.00 am to 1.30 pm
- ❑ Technical Session 2 : 3.00 pm to 5.00 pm

Participation Fee

Participation fee of Rs. 600/- is to be paid per participant on-line to the following Bank details:

- ❑ Bank Name : Indian Bank
- ❑ IFS Code: IDIB000K036
- ❑ Branch : Kidderpore
- ❑ Account Name: Kidderpore College Account Number: CA461815703

Workshop Organisation Committee

Patron

- ❑ **Dr. Abhijit Ganguly**
Principal, Kidderpore College, Kolkata
- ❑ **Prof. (Dr.) Siddhartha Sankar Saha**
Dean, Faculty Council for Post-Graduate Studies in Commerce, Social Welfare & Business Management (Acting), University of Calcutta

Convener

- ❑ **Dr. Prabodh Kumar Misra,**
Associate Professor of Commerce, Kidderpore College, Kolkata

Joint Conveners

- ❑ **Prof. (Dr.) Ashish Kumar Sana**
Professor and Head, Dept. of Commerce, University of Calcutta
- ❑ **CMA (Dr.) Debaprosanna Nandy**
Sr. Director-Studies, Advanced Studies and Placement, Editor-The Management Accountant and Research Bulletin, The Institute of Cost Accountants of India
- ❑ **Dr. Sohag Joardar**
Associate Professor in Commerce, Kidderpore College, Kolkata

Joint Coordinators

- ❑ **CA (Dr.) Avijit Sikdar**
Assistant Professor and Head in Commerce, Kidderpore College
- ❑ **Dr. Sanbad Banerjee**
Assistant Professor in Commerce, Kidderpore College

Technical Coordinator

- ❑ **Sri. Somnath Manna**, State Aided College Teacher, Kidderpore College

Members

- ❑ **Sri. Rama Prasad Chatterjee**, State Aided College Teacher, Kidderpore College
- ❑ **Sri. Binoy Krishna Das**, State Aided College Teacher, Kidderpore College
- ❑ **Smt. Sampa Maji**, State Aided College Teacher, Kidderpore College
- ❑ **Mr. Tanbir Islam**, State Aided College Teacher, Kidderpore College

Contact persons

- ❑ **Dr. Prabodh Kumar Misra (9831433417)**
- ❑ **Dr. Sohag Joardar (8910692064)**
- ❑ **Dr. Sanbad Banerjee (9051425183)**
- ❑ **Dr. Avijit Sikdar (9830759824)**



Kidderpore College

(Affiliated to Calcutta University and Re-accredited by NAAC)
2 & 3, Pitamber Sircar Lane, Kidderpore, Kolkata: 700 023

One-week Online Research Methodology Workshop cum FDP
On
Introduction to Cross-Sectional Data Analysis using SPSS and JAMOVI
Duration: 17th August – 23 August, 2020
Organised by
Department of Commerce, Kidderpore College, Kolkata
In Collaboration with
Department of Commerce, University of Calcutta
&
The Institute of Cost Accountants of India

REPORT

Inaugural session

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 guests Honourable -

Inviting and Greetings of Convenor	Dr. Prabodh Kumar Misra Associate Professor in Commerce and Convenor Kidderpore College, Kolkata
In Chair	Prof. (Dr.) Ashish Kumar Sana Professor and Head Department of Commerce, University of Calcutta
Welcome Address	Dr. Abhijit Ganguly Principal Kidderpore College, Kolkata
Inaugural Address	CMA (Dr.) Debaprosanna Nandy Sr. Director-Studies, Advanced Studies and Placement Editor-The Management Accountant and Research Bulletin The Institute of Cost Accountants of India
Address by Special Guest	CMA Debasish Mitra Chairman - Board of Advanced Studies The Institute of Cost Accountants of India
Address by Guest of Honour	Prof. (Dr.) Siddhartha Sankar Saha Professor & Dean, Faculty Council for Post-Graduate Studies in Commerce, Social Welfare & Business Management (Actg.), University of Calcutta
Address by Chief Guest	Prof. Debasis Das Hon'ble Registrar, University of Calcutta

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.

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 Mukherhee (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

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) out of which 20 faculty members are from commerce, management and economics and rest are research scholars of different universities. 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.

Outcome of workshop:

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.

Valedictory Session

The workshop ended with a formal valedictory session on 23rd August 2020 at 6 p.m with the presence of esteemed dignitaries from the University of Calcutta and the Institute of Cost Accountants of India.

Address by Guest of Honour	Prof. (Dr.) Siddhartha Sankar Saha Professor & Dean, Faculty Council for Post-Graduate Studies in Commerce, Social Welfare & Business Management (Actg.), University of Calcutta
Address by Guest of Honour	Prof. (Dr.) Ashish Kumar Sana Professor and Head Department of Commerce, University of Calcutta
Address By Special Guest	Sri. Tushar Kanti Ghara Joint Director of Public Instruction Department of Higher education Government of West Bengal
Address By Special Guest	CMA (Dr.) Debaprosanna Nandy Sr. Director-Studies, Advanced Studies and Placement Editor-The Management Accountant and Research Bulletin The Institute of Cost Accountants of India
Valedictory Address By Chief Guest	Prof. (Dr.) Swagata Sen Professor Department of Commerce, University of Calcutta Former, Vice-Chancellor, Gour Banga University
