

ONE WEEK TRAINING COURSE ON STATISTICAL ANALYSIS USING MS EXCEL & SPSS

04.09.2022 - 09.04.2022

organized by

Department of Geography

Kashipur Michael Madhusudan Mahavidyalaya

under the aegis of

Internal Quality Assurance Cell

Kashipur Michael Madhusudan Mahavidyalaya

A REPORT

A One-week Training Course on "Statistical Analysis using MS Excel & SPSS" was organized by the Department of Geography, Kashipur Michael Madhusudan Mahavidyalaya in collaboration with the IQAC, Kashipur Michael Madhusudan Mahavidyalaya. The Course was conducted in the GIS Laboratory of the College.

Aim of the Course: The Course intended to develop knowledge in statistical analysis through the use of computer software, MS Excel and SPSS.

Target Audience: Most of the faculty members of our College are into different research activities that require data analysis. Moreover, the syllabus of subjects like Economics, Geography and Sociology include basic statistics. The Course, therefore, aimed to help the teachers to get accustomed to the use of the aforementioned software. Office work also requires a lot of data processing in MS Excel. The Course was, therefore, also included the willing non-teaching staff members.

A brochure (Plate 1) was circulated among the Teaching and Non-Teaching Staff members of the College regarding the Course and the tentative programme schedule. A registration link was also shared such that the members willing to participate in the Course could register.



Plate 1: Brochure of the Training Course

Registration link: https://forms.gle/jfa35qiC6bYXvqcD9

Total No. of the registered participants: Total 20 participants from various departments, including 2 NTS members, registered for the Course (Plate 2).

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Plate 2: List of participants registered for the Course (extract from Google Form)

The Course: The Course began with the welcome address by the Convener followed by the lighting of the lamp by our hon'ble Principal, Dr. Bibhas Kanti Mandal, who then delivered the Inaugural speech (Plate 3). Dr. Suvranshu Pan, Associate Professor, Department of Economics & **IQAC** Coordinator, **KMMM** delivered the Keynote lecture titled "Importance of Statistical Analysis in Social Science Research" (Plate 4). The lecture was followed by an interactive session with the participants. The first day of the Course ended with a Vote of Thanks by the Organizing Secretary.



Plate 3: Inaugural Session



Plate 4: Lectures by Dr. S. Pan, Miss P. Roy & Miss A. Bauri and hands-on training sessions

On the second day, Miss Poushali Roy delivered a lecture on "Basics of Statistical Data" and gave hands-on training in MS Excel to the trainees that included data entry & tabulation. (Plate 4)

The following day, she gave a brief introduction to "Descriptive Statistics" and continued with the hands-on training in MS Excel that included several statistical calculations and preparation of charts. The participants were given an assignment on MS Excel. (Plate 4)

The fourth day of the Course began with Miss Asha Bauri's lecture; she briefed about the application of SPSS in research. The lecture followed by hands-on training in SPSS to the trainees by Miss Bauri. It included data entry and preparing the frequency distribution table, and other basic calculations in SPSS. (Plate 4)

On the fifth day, Miss Bauri discussed about "Inferential Statistics" and continued with the handson training in SPSS that included correlation and regression analyses. (Plate 4)

The last day involved two sessions. The assignments on MS Excel that were submitted by the participants via mail to the Geography departmental id, were assessed and discussed by Miss Roy in the first hour of the last day of the Course. Miss Bauri then showed the participants a few more measures of statistical analyses, including t-test, in SPSS. (Plate 6)

The next session was graced by the IQAC Coordinator, Dr. Suvranshu Pan, the Teachers' Council Secretary, Dines Chandra Maiti and the Bursar, Dr. Subhrajit Chatterjee. The session was chaired by our hon'ble Principal. The session began with participants' review regarding the Course. This was followed by distribution of certificates to the participants, resource persons and the members of the Organizing Committee (Plate 7). The Valedictory Speech was delivered by the IQAC Coordinator. The session as well as the Course ended with a vote of thanks to all the stakeholders.



Plate 5: Attendance Record

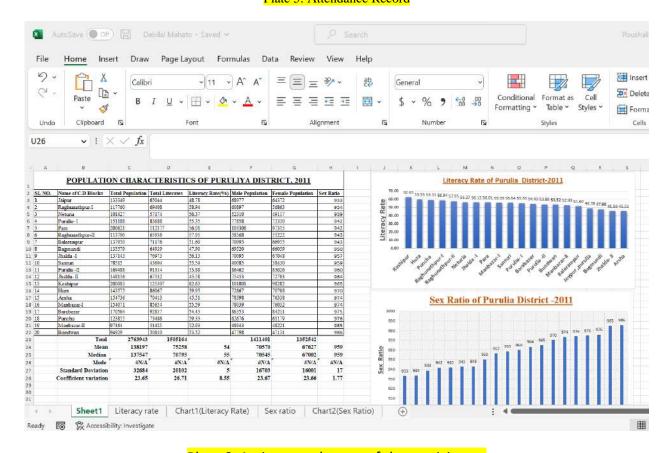


Plate 6: Assignment by one of the participants



Plate 7: Distribution of certificates to the Organizers, Resource Persons & Participants

Feedback:

A feedback link regarding the Course was shared with the participants https://docs.google.com/forms/d/e/1FAIpQLSditCWUAPZBSxQ76aoleDOi nLsVJRXQiD3R-dCsOkzPInx3A/viewform?usp=sflink. All the participants were satisfied with the organization and conduct of the Course. They suggested that such courses should be conducted in future as well on advanced techniques in Excel & SPSS; some suggested that courses on Powerpoint, AMUS and other software should also be conducted by the Department.

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Plate 8: Feedback on the Training Course (extract from Google Form)



Plate 8: Group photograph

front row sitting: (from left) Kamalika Biswas, Rabin Chandra Karmakar, Swapan Kumar Mahata, Dr. Bibhas Kanti Mandal (Principal), Dr. Subhrajit Chatterjee (Bursar), Sushil Sarkar

front row standing: (from left) Dr. Suvranshu Pan (IQAC Coordinator), Debilal Mahato, Nilkantha Bouri, Archana Karmakar, Pijush Kumar Mukhopadhyay, Shaymal Majee, Asha Bauri, Moutusi Saha, Uma Nag, Poushali Roy

second row standing: Jagadananda Pati (invitee), Bubai Bera, Dines Chandra Maiti (TCS), Krishnendu Das, Samrat Mal, Susanta Chand, Nabin Das