

Introduction

Computer applications in social sciences have increased with the introduction of window based applications that have de-mystified data processing. However, data processing needs some understanding about the machine for its meaningful use: what it can do and how, and what are its limitations. Now that computers have come to stay in social science research, young researchers need to be made aware of these use ends and facilities so that they can efficiently analyse and interpret their data. Keeping this in view, the MPISSR wants to encompass modules that train social scientists and students of social sciences in the area of computer application, especially relating to data analysis and interpretation of the results. As a part of its ongoing programmes, MPISSR is organising a ten-day training workshop on *Computer Applications in Social Sciences* between **January 2 and 11, 2010**. Unlike research methodology programmes that concentrate on methods and techniques, the orientation of this workshop is on establishing associations, testing and interpretation. The participants shall be exposed to basic knowledge in data processing using a data set, identifying testable propositions and testing & interpreting the results.

The objective of this training workshop is to impart training in the areas such as computer system, quantitative and qualitative research processes, data processing using computer and making sense of the results. After introducing the participants to computer system and its usages, the workshop shall introduce participants with the research processes and familiarise them to data, its measurement and its transfer to computer systems. The major

quantitative research methods — inferential statistics using cross-tabulation and Log-linear methods, ANOVA, correlation and regression analysis — shall be taken up next with the help of a given data set. All the lectures will be followed by an interactive review session and group discussions. In the last, the participants shall be divided in groups and each group shall aim at analysing the given data based on a framework developed by them. The findings of the analysis shall be presented to the rest of the groups. Knowledge of quantitative research methods and statistical techniques is a prerequisite. ***Researchers who do not believe in quantitative methods need not apply.***

Course Contents

- Computers in Social Sciences
- Issues in Social Science Research
- Quantitative Research Process
- Concepts and their Measurement
- Imaginary and Actual World
- Data for Computer
- Software Commands
- Descriptive Statistics
- Cross Tab and Log-Linear based Logit Models
- Introduction to Correlation and Regression
- Internet Usage in Social Sciences
- Testing Means and ANOVA
- Project Work
- Open-book Test

Participants

The workshop is meant for: Social Scientists, University and College Teachers, and Research Scholars pursuing their Ph.D.

Workshop on **COMPUTER APPLICATIONS IN SOCIAL SCIENCES** (January 2 - 11, 2010)

REGISTRATION FORM

- 1 Name: _____ **Signature**
- 2 Address: _____

Phone: _____
E-mail: _____
- 3 Age: _____
- 4 Gender: _____
- 5 Affiliation to Institution: _____
- 6 Present position: _____
- 7 Qualifications: MA, MPhil, PhD in _____
- 8 Are you a:
Teacher PhD Student with Fellowship
PhD student without Fellowship
- 9 Survey Research Virtue & Computer Skills:
9.1 Studied Quantitative Research Methods: Yes/No
9.2 Statistical Packages known:
9.3 Word-processing packages known:
9.4 Programming language known:
- 10 Computer availability: Own/Departmental
- 11 Have you attended any such course conducted earlier? Yes/ No
If yes, where and when?
- 12 Recommendation of Head/Supervisor: _____

Date

Seal & Signature of Head

Mail duly filled up form to reach us by **December 1, 2009**
Director

Madhya Pradesh Institute of Social Science Research
6, Bharatpuri Institutional Area, Ujjain, M.P. - 456010

Travel and Stay

Sleeper class rail fare both ways will be provided to the selected participants. The participants will also be provided with free lodging and boarding.

Course Fee

The Participants will be charged a fee of:

Rs 800 for teachers;

Rs 400 for Ph.D. student with fellowship;

Rs 200 for Ph.D. student without fellowship.

Those selected will have to deposit Rs 1000/- as earnest money which is refundable only after full attendance in the course.

After receiving the applications, all the correspondence will be done through e-mail.

Accommodation

Accommodation will be arranged by the Institute *only* for the participants from **January 2 to 11, 2010.**

Climate

The climate in Ujjain in January will be pleasant. The temperature may vary between 10 and 20 degree Celsius. Warm clothes are required.

For More Details Please Contact

Dr. D.C. SAH

Professor and Director

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UJJAIN - 456 010**

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Madhya Pradesh Institute of Social Science Research Ujjain

ORGANISES

A TEN DAY TRAINING WORKSHOP ON COMPUTER APPLICATIONS IN SOCIAL SCIENCES (January 2 - 11, 2010)

Sponsored by
**Indian Council of
Social Science Research
NEW DELHI**

VENUE
**Madhya Pradesh Institute
of Social Science Research
6, Bharatpuri Institutional Area,
UJJAIN - 456 010**