

Winter Programme on  
**Data Analysis in Social Sciences**  
November 12-24, 2007  
(Sponsored by ICSSR, New Delhi)



**Coordinator**

***Dr. D.P. Singh, Ph.D.***

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## Objectives

Social scientists and research scholars engaged in social research generally compile a large body of useful data. Lacking proper knowledge and training in analytical techniques and computer programmes, they are often at a loss to make sense of the data they have collected. They face such questions as which procedure of analysis to follow and what techniques to apply for data on hand, what do the results show, how are the results to be interpreted and explained, how are the findings to be reported, etc. This Programme is intended to help social scientists and research scholars find answers to these and similar questions. It seeks to enhance social researchers' knowledge of data analysis, both qualitative and quantitative, and trains them in the use of computer software for social research.

The specific objectives of the Programme are to:

1. To familiarise the participants about the nature of social research data and the the problems and prospects of qualitative and quantitative data.
2. To train the participants in the use of appropriate modes of analysing quantitative and qualitative data.
3. To help the participants understand the assumptions of applied statistical techniques.
4. To familiarise the participants with various software packages for social sciences
5. To provide the participants with hands-on training in the use of computer for data analysis.

## Contents

Nature, types and problems of social research data: primary and secondary, qualitative and quantitative. Processing and analysis of qualitative and quantitative data. Computer software and their application in data analysis: SPSS, EXCEL and ATLAS-ti . Descriptive Measures. Exploration of relationship: cross-tabulation, correlation, and graphical and tabular presentation of data. Hypothesis testing: T-test, Chi square, and variance. Prediction techniques: regression, and logistic regression. Advanced statistics: discriminant, factor, cluster analyses. Reporting research findings.

## Who can benefit from the Programme?

The program is most useful to:

1. Scholars engaged in research leading to Ph.D. or M.Phil. degree
2. University and college teachers engaged in research and/or teaching research methodology
3. Social researchers in institutions or organisations engaged in research on socio-economic issues and implementation/evaluation of programmes.

**Number of participants:** The total number of candidates for the Programme is 25 – 20 participants from outside Mumbai and 5 from Mumbai. The small batch of participants facilitates and fosters better interaction between instructors and participants, and among the participants themselves. Participants are also assured of individual attention and sufficient access to computer facilities for practice.

**Selection:** Preference will be given to applicants who have reached the stage of data processing/analysis or are engaged in research or teaching of research methodology. Selected candidates would be informed through E-mail or Phone (**please write clearly phone number and email address**).

**About the Institute:** Tata Institute of Social Science (TISS) (Deemed University) is known for excellence in education in the fields of Social Work, Human Resource Management, Health Sciences, Development studies and various other courses. TISS is recognised by the Indian Council of Social Science Research (ICSSR) as a centre for providing guidance and consultancy in research methodology and data processing and analysis for scholars and researchers from all over the country.

TISS has conducted a number of training programmes in the field of computer applications in social research. It has many qualified and senior faculty members in different subject specialties in social sciences, a well equipped computer centre with state-of-the-art data processing facilities.

The core faculty for the Programme consists of teachers in the Centre for Research Methodology (Dr. D.P. Singh, Mr. K. Ravindran and Dr. Anil Sutar) and the Computer Centre (Shri V. Sivakumar). Expertise is also drawn from the faculty of other Departments in the Institute and from reputed institutes in Mumbai and elsewhere.

**Last date for the receipt of duly completed applications: 8<sup>th</sup> October, 2007.** Those desirous of participating in the programme must send in their application (original) by regular mail so as to reach the Coordinator on or before the last date. They may, however, send an advance copy of the application by Fax or E-mail. Applications not forwarded by appropriate authorities will not be considered.

Application must accompany an application processing fee (Rs. 100) payable through crossed Demand Draft drawn in favour of 'The Registrar, TISS'. This fee does not guarantee selection to the Programme, nor is it refundable.

**Fees:** The Programme is financed by ICSSR, New Delhi. Out-station participants will be reimbursed actual Second Class Train or Bus fare, through the shortest route, and are provided boarding facility (breakfast, lunch and dinner) as per ICSSR provision. As per the ICSSR instructions, participants will have to pay a nominal registration fee. **The registration fee to be paid only after confirmation of selection from programme co-ordinator.**

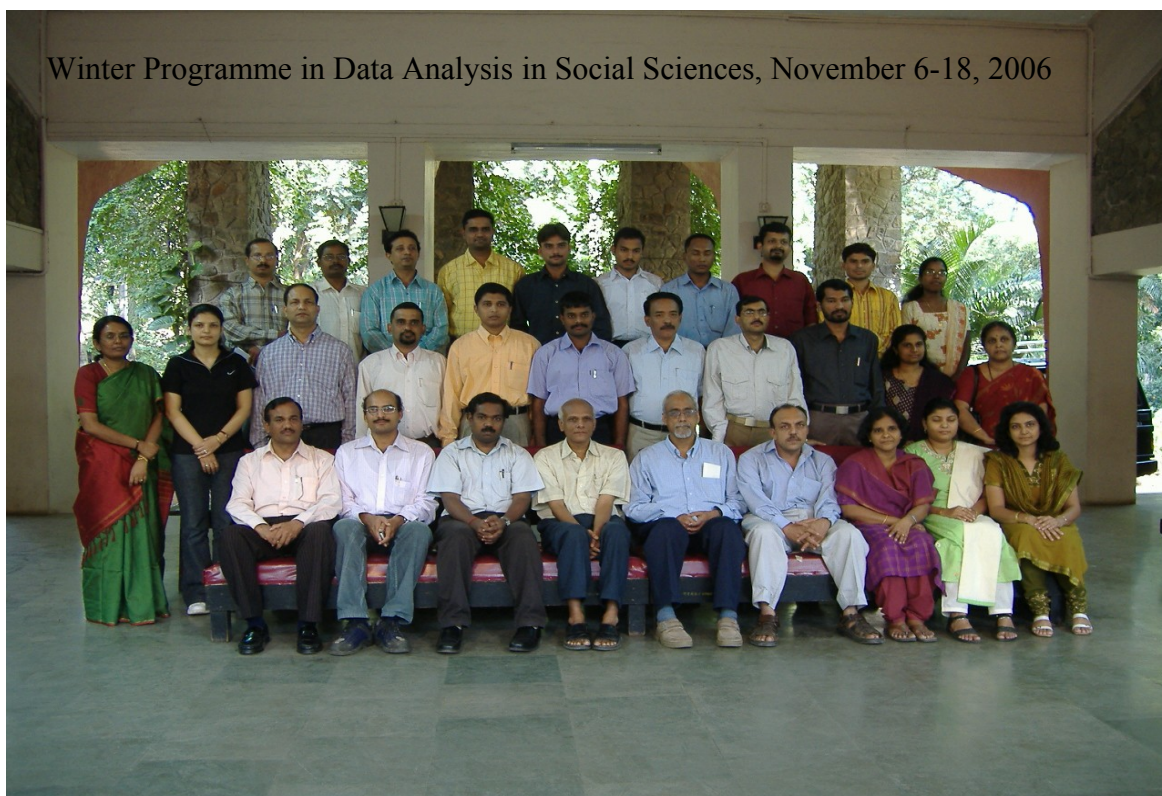
**Important Dates:**

Last date for the receipt of application:	October 8, 2007
Date of announcement of selection:	October 15, 2007

**Application form can also be downloaded from <http://www.tiss.edu>**



Winter Programme in Data Analysis in Social Sciences, November 6-18, 2006



Winter Programme in Data Analysis in Social Sciences, November 7-19, 2005



**TATA INSTITUTE OF SOCIAL SCIENCES**  
**Deonar, Mumbai - 400 088**

**Programme on Data Analysis in Social Sciences**  
**November 12-24, 2007**

1. Name (in capital letters): Mr./Ms./Mrs/Dr. \_\_\_\_\_

2. Address for communication: \_\_\_\_\_  
\_\_\_\_\_ State: \_\_\_\_\_

Tel. Nos.: (O) \_\_\_\_\_ (R) \_\_\_\_\_

Fax No. \_\_\_\_\_ E-mail Address : \_\_\_\_\_

3. Education : Masters Degree in \_\_\_\_\_  
M.Phil./Ph.D. in \_\_\_\_\_

4. Present position:

- (i) Ph.D. / M.Phil. scholar: Part-time / Full-time
- (ii) Teaching at \_\_\_\_\_ Subject: \_\_\_\_\_
- (iii) Other (specify) \_\_\_\_\_

5. If registered for Ph.D./M.Phil., mention

a) The name of the Department and University

b) The topic of research:

c) The stage of research work:

6. If you have taken any training in computers, please state the duration and nature of the training :

\_\_\_\_\_  
\_\_\_\_\_

7. Purpose of joining the course ?

\_\_\_\_\_  
\_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

(Signature of the Applicant)

Please submit with DD Rs. 100/-as application fees, without fees would not be entertained.

**Forwarded by Head of the Department/Ph.D. Guide**

**1. Name of the applicant:** \_\_\_\_\_

**2. Name of the Head/Guide:** \_\_\_\_\_

**3. Designation:** \_\_\_\_\_

**4. Department/College/University:**

\_\_\_\_\_

**Comments in regard to [a] the suitability of candidate for the Programme, [b] the expectations from the Programme, and [c] the provision of leave of absence to attend the Programme:**

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\_\_\_\_\_  
\_\_\_\_\_

**Place :** \_\_\_\_\_

**Date :** \_\_\_\_\_

**(Signature with office Stamp)**

**[Duly completed original application with processing fees of Rs. 100 is to be forwarded by regular post to Dr. D. P. Singh, Coordinator, Programme on Data Analysis in Social Sciences, Tata Institute of Social Sciences, Post Box 8313, Deonar, Mumbai 400 088. An advance copy of the application may be sent by E-mail: <[dpsingh@tiss.edu](mailto:dpsingh@tiss.edu)> or Fax (022-25562912)**