



RESEARCH METHODOLOGY COURSE IN SOCIAL SCIENCES for Ph.D./PDF scholars (Offline Mode)

12th to 21st July 2022

**(Sponsored by the Indian Council for Social Science Research,
New Delhi)**

Background

The Centre for Social Studies (CSS), Surat is organizing a national level ten days Research Methodology Course for scholars currently enrolled in a Ph.D. or Post-Doctoral program. The basic objective is to provide training in social science research methodology mainly to the Ph.D. scholars as well as Post-Doctoral Fellows and also other research scholars from colleges and post-graduate departments of various universities as well as research institutes. In addition to dealing with philosophical and theoretical aspects of social science research, we plan to impart training in defining research problems, framing research questions, formulation of hypothesis, exploring data sources, data collection methods, data analysis (quantitative and qualitative), and various aspects related to the writing of social science research. It is also envisaged to provide orientation in relation to the use of important statistical methods in analysing quantitative data. For each and every topic to be taught for quantitative data analysis, the focus will be on its concept, use, measurement, and interpretation. This workshop will have an interdisciplinary approach and our emphasis will be on cross-sectional data.

The course is expected to benefit participants from all social science disciplines like Economics, Sociology, Anthropology, Social work, Political Science, Management, Geography, Education, Psychology, etc. By the end of the program, they are expected to develop conceptual clarity and practical knowledge to undertake quality research, data analysis, write field reports, project proposals, and good research reports/papers, etc.

About 30 candidates will be selected from across the country. The participants will be given free boarding and lodging. Sleeper-class train fare (to and fro) by the shortest route will be reimbursed to outstation participants. Besides faculty members of the Centre, resource persons will be invited from universities and other ICSSR institutes within and outside the state of Gujarat.

The Course Content

The proposed training program will cover the following topics during the ten days.

- i. Introduction to social science research, the relevance of social science research, basic elements of social science research, trends and status of social science research
- ii. Philosophical and Theoretical Dimensions in Social Science Research.
- iii. Critical social theory
- iv. Accountability in social science research: Quality of research, adequacy of database, dissemination, and linkages with stakeholders.
- v. Research design: Framing research problems, questions, hypotheses, objectives of the study
- vi. Review of literature: Bibliography and references
- vii. How to develop a research proposal?
- viii. Funding in social science research from ICSSR and other agencies. Its challenges and opportunities
- ix. Sampling procedure and technique: Probability and non-probability sampling, Sampling error, Standard error of the sample mean
- x. Sources and application of research data sets for social scientists
- xi. Secondary data in social science research: indiastat.com
- xii. Importance of fieldwork in social science research.
- xiii. Tools for data collection: Interview and questionnaire method
- xiv. Qualitative research: Application, sampling and fieldwork strategies, reporting and presenting qualitative data, FGD and case study method.
- xv. Types of data, Units of measurement of variables
- xvi. Getting started with SPSS, Frequency distribution, Standard Normal Distribution, Test of normality, Cross tabulations, Describing data through graph and chart
- xvii. Comparing means, Analysis of variance (One-way & Two-way ANOVA), Post Hoc test, and Contrast analysis
- xviii. Bivariate correlation: Scatter plot method, Covariance Method, Karl Pearson's Correlation Coefficient, Spearman's rank-order correlation, Kendall's tau correlation, The Biserial, and Point-Biserial correlation, Partial correlation
- xix. Bivariate and multivariate regression analysis: Total sum of squares (SS_T), Residual sum of square (SS_R), the Model sum of square (SS_M), R^2 , standard error of the estimate, Regression coefficient, Standardized coefficient
- xx. Feminist methodology and action research
- xxi. Ethnography
- xxii. Content analysis
- xxiii. Writing of social science research: Research report, book, journal paper,
- xxiv. Challenges in publishing social science research
- xxv. Ethics in social science research, Plagiarism

Besides the above, the proposed Training program will also facilitate participants for hands-on computer (practice session), the library work, and proposal presentation.

Guidelines for the Participants

- The applicants must be currently enrolled in a Ph.D. or Post-Doctoral program or working as an Assistant Professor or having an equivalent position in any recognized university/college in the Social Science discipline and pursuing a Ph.D.
- The filled-in application (**format enclosed**) along with the candidate's CV, an abstract of the research proposal in about 300 words, a copy of caste certificate (if any), and the Ph.D. or Post-Doctoral registration certificate duly forwarded by his/her Research Supervisor and/or employer should reach us (**offline or online mode**) latest by **June 8, 2022**.
- For further information or to download the application form, see our website: www.css.ac.in or write to us at: webinar@css.as.in
- Shortlisted candidates will be intimated by **June 13, 2022**.
- Certificate will be issued to participants after full attendance in the course.

Course Co-ordinator

GAGAN BIHARI SAHU (Course Director)

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Address for Submitting Application

By email: webinar@css.ac.in

By post: The Course Director (RMC)
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APPLICATION FORM
Research Methodology Course in Social Sciences
for Ph.D./ PDF scholars
(12th to 21st July 2022)

1. Name : _____
2. Gender (M/F) : _____
3. Social Category (***Put a tick mark***) : SC/ ST/ OBC/ General/ Minority Group
Attach certificate (if any)
4. Date of Birth : _____
5. Institute/ University/ College : _____
6. Educational Qualification : _____
7. Discipline : _____
8. Topics of Research (Ph.D.) : _____

9. Ph.D. Registration No. : _____
(Attach certificate)

10. Status of Research Work : (i) Preparing Synopsis (ii) Reviewing
(Put a tick mark) Literature (iii) Preparing Tool (iv)
Collecting Data (v) Analysing Data (iv)
Writing Report (v) Thesis submitted

11. Have you attended similar course : Yes () No ()
earlier

11.1 If YES, provide details: _____

12. Mailing Address : _____

Telephone No./ Mobile No. : _____

E-mail: _____

13. Recommendation by Head of the : _____
Institution/ College/ Supervisor

Signature and Seal
Head of the Institution/
College/ Supervisor

Accommodation Required: Yes (), No ()

Date: _____
Signature of the Applicant