



ICSSR Funded Workshop
on
Research Methodology in Social Sciences
(December 16-27, 2019)

*Captioned: Ten Days Research Methodology Course for
M.Phil/Ph.D./Research Scholar in Social Sciences*

SPONSORED BY

**Indian Council of Social Science Research (ICSSR), Ministry of Human
Resource Development (MHRD), Government of India**

ORGANIZED BY

Department of Environmental Science, The University of Burdwan

Course Director
Dr. N. K. Mondal
Professor & Head
Department of Environmental Science
The University of Burdwan
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VENUE

**Department of Environmental Science, The University of Burdwan,
Golapbag, Burdwan (WB)-713104**

The Department of Environmental Science, The University of Burdwan, Burdwan in collaboration with the Indian Council of Social Science Research, New Delhi will organize a ten days “**Workshop on Research Methodology in Social Sciences**” during **December 16 (Monday) - December 27, 2019 (Friday)**. This workshop shall be designed to impart knowledge on Research Methodology in the context of qualitative and quantitative research along with hands on training in advanced statistical packages (including SPSS/MINITAB) across the various fields of Social Sciences.

ABOUT THE PROGRAMME

Conducting good research requires first to think like a researcher. This requires visualization the abstract from actual observations mentally “connecting dots” to identify hidden concepts and patterns, and synthesizing those patterns into generalizable laws and theories that apply to other context beyond the domain of the initial observations are abstracted into such laws and theories. Majority of the researchers have faced/encountered difficulty to express their thought, to construct research activities etc. However, Indian researchers have tremendous potentiality to execute their maximum outcome. But they don’t have any suitable activation or acceleration mechanism to start an innovative research. Therefore, a compressive orientation is extremely important for proper development of research idea and equipped with modern statistical multivariate analysis with meaningful presentation of their research outcome in the field of social science research. Moreover at the initial stage, researchers have no clear-cut idea how to link their subject content with cutting edge research. It is really important that Social Science researcher should develop innovative research methodology. Social science research is such a platform from where researcher gets important knowledge. Basically it shades light on new ways of knowledge and wisdom. When something is known brings to a researcher, there is a short of inner pleasure and happiness. In this juncture, this particular programme can open the doors of knowledge to the researcher about the unknown facts and it paves out the way of importance and give new direction in a social life. Therefore, this ten days programme is designed to impart knowledge on ‘Research Methodology’ in the context of qualitative and quantitative methods along-with training in Statistical packages across the various fields of Social Sciences and Communication Studies.

Objectives and Motivations of research:

- To equip researchers with research methodologies in Social Sciences, formulating research design etc.
- To familiar with field work and collection of data (Qualitative & Quantitative Methods)
- To expertise in statistical techniques and interpretation of statistical output
- To familiar with research ethics and plagiarism software
- To get a knowledge of Research Grants and how to write proposals for Research Grant
- To enable researchers in writing various research reports, thesis, dissertation, research paper, articles.

Target Group:

PhD students of Geography, Anthropology, Sociology, Economics, Health Studies, Management, Library Science, Political Science, Education, Environmental Studies/Science. The quality of research depends on the understanding of the research problem, the attendant research methodology and the appropriate tools used for the analysis. The need to impart expertise and skills in Statistics and Applied Econometrics is, thus, imperative. Hence, it is felt that a Ten-Days Course on Research Methodology and Quantitative Techniques be conducted for research scholars.

This course predominantly follows the Research Methodology Syllabus designed by the ICSSR which includes extensive understanding of both qualitative and quantitative methods. However, it also aims at incorporating certain additional features in order to cater to the growing needs of the young research scholars.

KEY HIGHLIGHTS OF THE PROGRAMME

The Course provides an overview of relevant statistical techniques and its application in Social Science research. The participants will offer hands-on practice in packages such as SPSS and Microsoft Excel. By the end of the Course, participants should be in a position to use various statistical techniques. The Course would train the participants in the following areas:

1. Nature of Scientific Methods and its Application to Social Phenomenon & Nature, Importance and Scope of Research
2. Types of Research: Historical, Analytical, Interdisciplinary, Evaluative, Participative and Action Research
3. Steps in the Process of Research- Problem Selection, Formulation and Planning: How to write a Proposal
4. Types of Research Design: Exploratory, Diagnostic, Descriptive: Experimental; Control Group & Experimental Group; Ex-Post Facto to Research Design
5. Concepts in Quantitative Research: Variables, Attributes
6. Hypotheses: Concept & Types of Hypotheses, Formulation of Hypothesis, Testing of Hypothesis
7. Nature & Types of Sampling: Probability Sampling: Non-Probability Sampling
8. Tool of Data Collection: Primary & Secondary Questionnaire, Types and Formats; Schedule, Interview-Observation-Case Study Method-Content analysis-Rating Scales: Osgood, Bogardus Thurston; Likert; Guttman
9. Descriptive Statistics: Measurement of Central Tendency, Dispersion, Skewness, Kurtosis, Regression and Correlation: Measurement of Correlation: Karl Pearson's Correlation and Rank Correlation, Statistical Inference: Point and interval estimates, Parametric and Non Parametric Test (Chi-Square, Test of Differences, Significance and Freedom)-Analysis of Variance and Co-Variance: One way and two way classification
10. Report Writing-References in Report Writing (Style Sheet) How to write an academic Research Paper

SPECIFIC OBJECTIVES OF THE PROGRAMME

The objective of the course will be to develop research capabilities among young researcher and to turn completed research into publishable material in the form of journal articles/books: Specifically, the objectives will be to

1. Preparation of research proposal – giving basic training how to conceive a sound research proposal
2. Enhance skills to prepare an appropriate research design, including conducting an overview of literature, formulating research questions and hypotheses, collection of information and analysis,
3. Data Processing and analysis – techniques – how to read the data and how to interpret the data, etc.
4. Enhance capacity for writing a research paper for publication
5. Field work training
6. Preparation of the report – how to write the final research report, etc.
7. Skill on Imparting SPSS

PARTICIPANTS

The number of seats for the Ten Days Research Methodology Course is restricted to thirty (30) candidates from Social Science disciplines (Geography, Anthropology, Sociology, Economics, Health Studies, Management, Library Science, Political Science, Education.) and Environmental Studies/Science out of which ten (10) from Burdwan University, ten (10) from within the West Bengal other than Burdwan University, and rest of the ten (10) participants are to be selected from outside the state as per the ICSSR guidelines

LEARNING OUTCOME OF THE PROGRAMME

The broad overview of course modules:

Module-I will deal with

1. Formulating the research proposal
2. Research design
3. Methodology of Social Science Research

Module-II will deal with Academic writing

1. Paper for Journals
2. Books
3. Writing Project Reports
4. Paper Clinic (Actual Papers/outlines will be taken-up for discussion)

The training methodology would broadly focus on

1. Lecture Method
2. Research Interaction and experience sharing
3. Hands on Activity
4. Writing Ph. D. thesis

ACCOMMODATION & TRAVEL ALLOWANCE

Accommodation will be provided only to outstation participants in University Guest House/Hotels on sharing basis from December 16, 2019 (evening) to December 26, 2019 (morning). Travel allowance by shortest distance (bus, train fare or sleeper class only) will be reimbursed to the outstation participants after submitting original tickets.

CERTIFICATE OF PARTICIPATION

The participants will be provided certificates on successful completion of the Workshop. It is mandatory for all participants to attend all the classes/sessions.

ESSENTIAL CONDITIONS

Candidates having knowledge of basic statistics, Microsoft excel and SPSS will be preferred. Selected candidates would be informed through Email or Phone. Further, it is desirable for all the selected participants to bring their own laptop for the hands-on practice sessions. Selected participants are asked to develop a full length research paper **(of 3000-4000 words in Times New Roman, 12 font size, spacing 1.00, with Taylor & Francis Standard Referencing Style: APA)** on any one of the government flagship programmes and their effectiveness, like, (I) Skill Development, (II) Cashless Economy, (III) Ayushman Bharat Yojana, (IV) Make in India, (V) Digital India, (VI) Jan Dhan Yojana, (VII) Beti Bachao Beti Padhao, (VIII) Standup India, (IX) Swacch Bharat Abhiyaan and (X) MGNREGA etc. and present it at the final day of Ten Days Research Methodology Course for M.Phil/Ph.D./Research Scholar in Social Sciences.

HOW TO APPLY

Interested research scholars can apply to **Course Director** along with duly filled up application form on or before **November 25, 2019**. The candidates are required to send the same through an email as advance copy and a hard copy of the complete application (through speed post) Form to **Dr. N. K. Mondal**, professor & head, Course Director of the Workshop, Department of Environmental Science, The University of Burdwa, Burdwan, Post: Rajbati, Dist: Purba burdwan-713104 along with self attested copies of the supportive documents, namely, **(i)** Category Certificate, **(ii)** Graduation Mark Sheet, **(iii)** Post-Graduation Mark Sheet, **(iv)** M. Phil. Marksheet (if any), **(v)** Ph.D. degree, and **(vi)** 1000 words write-up. application form can also be downloaded from the university website www.buruniv.ac.in **NO REGISTRATION FEE WILL BE CHARGED FROM THE PARTICIPANTS.**

IMPORTANT DATES

Last date of receipt of complete electronic (mail) application form: 25/11/2019

Notification of acceptance: 28/11/2019

Confirmation of participation by the applicants: 30/11/2019

Important Note:

Contacts:

For any information/clarification participants please contact:

Dr. N. K. Mondal,

Professor and Head

Course Director of the Workshop,

Department of Environmental Science

The University of Burdwan, Burdwan-713104

Mobile: + 91 9434545694

Email: nkmenvbu@gmail.com

All the correspondents/queries should be made through and/or **+9434545694; +91- 8918013887.**



APPLICATION FORM



Ten Days Research Methodology Course for M.Phil/Ph.D./Research Scholar in Social Sciences

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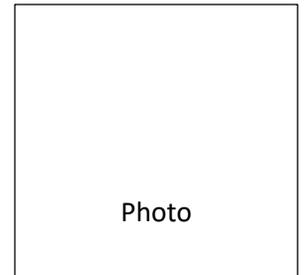
ORGANIZED BY

**Department of Environmental Science, The University of
Burdwan**

**Venue: Department of Environmental Science, The University of
Burdwan, Burdwan-713104**

Duration: From 16th December to 27th December, 2019

1. Name:
2. Father's name:
3. D.O.B:
4. Gender:
5. Department/Centre/Faculty:



6. Academic Qualifications:

Course	Board/University	Year	Percentage/CGPA	Major Subject
M.Phil/Ph.D.				
Post-Graduation				
Graduation				
Senior Secondary (12 th)				
Secondary (10 th)				

7. Year of M. Phil/Ph.D. Registration :

(Enclose Joining Order Copy)

8. Is M.Phil/PhD. – Part I/Course work cleared or not: Please tick (Yes/No)

(If yes, please enclose the certificate)

9. M. Phil/PhD. Topic :

(Enclose a copy of Synopsis)

10. Supervisor Name & Contact Number :

11. Have you attended Research Methodology : Please tick (Yes/No)

workshop earlier?

12. If yes, please provide details like Year, Name of the University/Institution, and number of days.

Signature of the Applicant

**Signature and Seal
of the Head of the Dept.**

Important Dates

The Application should reach to the following address on or before 25/11/2019

Date of Announcement of Selected Candidates is on 28/11/2019.

Duration of the Workshop: From 16th December to 27th December 2019

Note:

- **All enclosures mentioned in the application form are mandatory, failing which the application will be rejected.**
- **Please bring your personal laptop for the purpose of case study and other research works.**

ADDRESS FOR CORRESPONDENCE

To the office of the Course Director

Dr. N. K. Mondal

Professor & Head

Department of Environmental Science

The University of Burdwan

Contact no. +91-9434545694

Email: nkmenvbu@gmail.com