



**Ten days Research Methodology Programme for
Ph.D students in Social Sciences
(ICSSR Sponsored)
(During 02- 11, June, 2017)
Organized by:
Department of Humanities and Social Sciences
Motilal Nehru National Institute of Technology**



Indian Council of
Social Science Research

Introduction about Workshop:

In the present scenario of information era all that is required to be successful is churning knowledge from piles of raw data. The present information age offers the capability to collect data but as a researcher, the challenges lie in making the data meaningful and purposeful because it substantially influences the after affects of decisions drawn on the basis of the data. Here, researchers face the new and varied problems regarding research methodology and its application in understanding the impact factor of their versatile research. Hence, it becomes pivotal on the part of the researcher to gain an insight into such contemporary process.

Therefore, the present workshop is designed to provide an interactive platform to research scholars of Social Sciences for acquiring extensive exposure on manifold issues of social sciences research and enhance conceptual understanding of advance statistical techniques as well as hands on experience, in analysing and interpreting the data using computer & statistical software package (SPSS).

Objective of the Workshop:

The specific objective of the workshop is to enhance the knowledge and skills of Ph.D students in field of Social Sciences and make them able to improve their present research work. Some other relevant objectives of the workshop are as follows;

1. To advance the research understanding in relation to problem identification, formulation as well as problems and prospects of qualitative and quantitative data;
2. To formulate and test hypothesis in accordance with the set problems;
3. To apply the right tools and techniques while conducting a research;
4. To understand the use of statistical software package (SPSS) in data analysis;
5. To aware the participants about the current trends of research in the field of Commerce, Management, Economics, Sociology, Psychology, Education, Political Science, Law and allied disciplines
6. To train the participants for preparing research project.

Course Contents of the Workshop:

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
5. Types of Research Design: Experimental; Control Group & Experimental Group; Ex-Post Facto Research Design
6. Concepts in Research: Variables, Attributes,
7. Hypotheses: Concept & Types of Hypotheses, Formulation of Hypothesis, Testing of Hypothesis
8. Universe, Nature & Types of Sampling: Probability Sampling: Simple Random Sampling, Proportionate and Disproportionate Stratified Random Sampling, Cluster Sampling
9. Non-Probability Sampling: Accidental Sampling, Quota Sampling, Purposive Sampling, Snowball Sampling
10. Tool of Data Collection: Primary & Secondary - Questionnaire, Types and Formats;
11. Schedule, Interview
12. Observation
13. Case Study Method
14. Content analysis
15. Rating Scales: Osgood, Bogardus

16. Rating Scales: Thurston; Likert; Guttman
17. Participatory Research: PRA & RRA
18. Qualitative and Quantitative Research Designs- Grounded Theory, Case Study,
19. Ethnographical Perspective
20. Phenomenological Perspective
21. Ethno methodological Perspective
22. Descriptive Statistics: Measurement of Central Tendency, Dispersion, Skewness, Kurtosis, Regression and Correlation
23. Measurement of Correlation: Karl Pearson's Correlation and Rank Correlation
24. Statistical Inference: Point and interval estimates, Parametric and Non Parametric Test (Chi-Square, Test of Differences, Significance and Freedom)
25. Analysis of Variance and Co-Variance: One way and two way classification
26. SPSS and its application
27. Report Writing
28. References in Report Writing (Style Sheet)
29. How to write an academic Research Paper
30. Field Report Presentations

About the Institute:

Motilal Nehru National Institute of Technology (MNNIT) Allahabad is one of the premier National Institute of Technology (NIT) in India. It is committed to achieve quality and excellence in academic pursuits. Established in 1961, as a Regional Engineering College, a joint enterprise of Government of India (GOI) and Government of Uttar Pradesh, the institute was transformed into NIT on June 26, 2002. With the enactment of NIT Act-2007 (29 to 2007), the Institute has been granted the status of institution of national importance w.e.f. August 15, 2007. The Institute now offers various undergraduate and postgraduate courses such as B.Tech., M.Tech., MCA, MBA, M.Sc., M.S.W and Ph.D. degree. It has been recognized by GOI as one of the Quality Improvement Programme (QIP) centres for the M.Tech. and Ph.D. Degrees. Also, it is a lead Institution under World Bank funded GOI Project on Technical Education Quality Improvement Programme I & II (TEQIP).

About the Department:

The Department of Humanities and Social Sciences, one of the oldest, out of 11 academic departments of the Institute, offers two year full time Master of Social work (MSW), Ph D Programme with Institutional fellowships. The Department offers multiple choices of core and non-core subjects in Humanities, Social sciences, Human Resource Management, Accounting and Finance, Psychology, and English Literature to the students of UG and PG programs. MDP and FDP are being undertaken regularly.

Eligibility for Participants:

1. Researchers who are pursuing M.Phil/Ph.D. will be eligible to apply.
2. The applications of all these candidates should be forwarded by the sponsoring authorities, namely the Institution/ Employer/ Research Supervisors of the candidates concerned.
3. All the applicants will submit their bio-data, present status of their research work duly recommended by the Supervisor, a copy of the Registration certificate, a synopsis/note on their research work along with their applications. The academic career of the candidate, as well as the recommendations of the supervisors in regard to their competence and motivation should be given due edge.
4. Scholars will be selected from the neighboring states/catchments area of the course organizing institute.
5. The scholars will be selected mainly from **SC/ST category**. Subject to vacancies, students from socially deprived sections should be given preference.

Selection of Participants:

Selection of participants will be based on their bio-data, present status of their research work duly recommended by the Supervisor, a copy of the Registration certificate, a synopsis/note on their research work along with their applications. Only 40 participants will be considered for attending the programme.

Registration Fee:

There will be no registration fee for the participants.

Travel Allowances and Accommodation:

Non-local participants will be entitled to get sleeper class return railway fares/actual Bus fare from the shortest distance and free of cost food and lodging facilities will be provided to outstation participants.

Venue of Workshop:

Motilal Nehru National Institute of Technology Allahabad will be the venue of workshop.

Important Dates:

1. Last date of receiving the application form: **25th May 2017**
2. Selected participants will be informed: **27th May 2017**

Administrative Structure

Prof. Rajeev Tripathi

Director, MNNIT Allahabad

Dr. Ambalika Sinha

Head, DHSS

Dr. Rajesh Kumar Shastri

Course Director

ADDRESS FOR CORRESPONDENCE

Interested person(s) should send the filled registration form to course Director on or before **25th May 2017**. The applicants are also requested to kindly e-mail a scanned copy of the application. The contact details are:

Dr. Rajesh Kumar Shastri

Course Director

Department of Humanities and Social Sciences

Motilal Nehru National Institute of Technology Allahabad Allahabad-211004

Phone: 0532-2271294 Mob: 9919020401

E-mail: dr.rajeshshastri@gmail.com

REGISTRATION FORM

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Name (in Block Letters) _____

Date of Birth _____ Gender: Male/Female Category: SC/ST _____

(Please enclose Caste Certificate)

Highest Qualification _____

Organization _____

Designation _____

(Ph.D. Research scholar/Post Doctoral Fellow)

Address for Correspondence _____

Phone& Mobile _____

E-mail(s) _____

(Signature of Applicant)

Forwarded by:

Signature of Supervisor

Note: please enclose Bio data and present status of the research