



National Workshop On

Research Methodology (21- 27, August, 2017)



Organized by:

Department of Humanities and Social Sciences
Motilal Nehru National Institute of Technology
Technology and Sciences, Allahabad

Allahabad School of Education
Sam Higginbottom University of Agriculture, Allahabad

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 calls for making the data meaningful and purposeful because it substantially influences the after effects 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 analyzing 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 Faculty members, Ph.D.and PGstudents in thefield of Social Sciences and Education so as to make them able to improve their present research work.

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, and 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. Content analysis, reliability and validity
12. Qualitative and Quantitative Research Designs- Grounded Theory, Case Study,
13. Ethnographical Perspective
14. Phenomenological Perspective
15. Ethno methodological Perspective
16. Descriptive Statistics: Measurement of Central Tendency, Dispersion, Skewness, Kurtosis, Regression and Correlation
17. Measurement of Correlation: Karl Pearson's Correlation and Rank Correlation
18. Statistical Inference: Point and interval estimates, Parametric and Non Parametric Test (Chi-Square, Test of Differences, Significance and Freedom)
19. Analysis of Variance and Co-Variance: One way and two way classification
20. SPSS and its application
21. Report Writing, Reference Writing
22. How to write an academic Research Paper

About MNNIT:

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 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.

About Sam Higginbottom University of Agriculture Technology and Sciences: (SHUATS)

The Sam Higginbottom University of Agriculture, Technology And Sciences (SHUATS) is established under U.P. Act No. 35 of 2016, as passed by the Uttar Pradesh Legislature. SHUATS is established and administered by the Ecumenical Minority Christian Society namely the Sam Higginbottom Educational and Charitable Society registered under the Society Registration Act, 1860 in the State of Uttar Pradesh. The University is a united endeavour of the Christian community in India for promoting rural life and development in conformity with the Christ. It seeks to be a national centre of professional excellence in education and service to the people with the participation of students and faculty members from all over India. The University offers forty two (42) undergraduate programmes, hundred and one (101) postgraduate programmes, sixteen (16) diploma programmes and doctoral programme in various disciplines. National Assessment and Accreditation Council (NAAC), an autonomous institution of University Grants Commission (UGC) accredited SHUATS with "A Grade"

About Allahabad School of Education

The destiny of any country is being shaped in the classroom—with this ideal, the Department of Teacher Education strives forward, keeping in view its commitment to prepare such competent and effective teachers who may provide their best to the institution and to the society at large. It is to facilitate this goal that NCTE has introduced two-year B.Ed., M.Ed. and B.P. Ed. programmes. Keeping this in view, our school was established on 4th October, 2002. Department of Teacher Education offers a two-year Bachelor of Education (B. Ed.) and a two-year Master of Education (M. Ed.) in semester mode. The B. Ed. programme of SHUATS aims to prepare teachers for secondary and higher secondary levels drawing students from various streams including arts, science and commerce. Bachelor of Education (B.Ed.) Bachelor of Physical Education (B.P.Ed.) Bachelor of Physical Education and Sports (B.P.E.S.) Master of Education (M.Ed.) Ph.D. in Education, M.Phil in Education. Shortly commencing four years programme of B.El.Ed. , B.A. B.Ed., B.Sc. B.Ed. and three year integrated program of B.Ed. M.Ed. depending on final approval from NCTE.

Eligibility for Participants:

Faculty Members/ Ph.D Students and PG Students may participate in the Program.

Registration Fee:

Faculty members: Rs.4500/-

Ph.D/ PG students: 4000/-

Accommodation:

Non-local participants will be provided accommodation at reasonable rates.

Venue of Workshop:

Important Dates:

1. Last date of receiving the application form: **16 August, 2017**
2. Selected participants will be informed on : **18th August 2017**

Administrative Structure

Patrons

Most Rev. Prof. Rajendra B. Lal

Vice Chancellor, SHUATS

Prof. Rajeev Tripathi

Director, MNNIT Allahabad

Organizing Committee

Chairpersons

Prof. (Dr.) Newman Fernandes

Dean, Faculty of HSS, SHUATS

Dr. Ambalika Sinha

Head, DHSS, MNNIT

Convener

Prof. (Dr.) Marion Mathew CJ

Dean, ASE

Coordinators

Dr. Rajesh Kumar Shastri

Dr. (Mrs.) Prem Prabha Singh

Co-ordinators

Dr. S.H.Qasim

Dr. ChetnaPandey

ADDRESS FOR CORRESPONDENCE

Dr.Rajesh Kumar Shastri
Department of Humanities and Social Sciences
Motilal Nehru National Institute of Technology Allahabad Allahabad-211004
Phone: 0532-2271294 Mob: 9919020401
E-mail: mnnit2017@gmail.com

Dr. (Mrs.) Prem Prabha Singh
Allahabad School of Education
Sam Higginbottom University of Agriculture Technology and Sciences
Phone: 0532-2684857 Mob: 7985508012
E-mail: prem.singh@shiats.edu.in

REGISTRATION FORM

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on
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(21- 27, August, 2017)**

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Motilal Nehru National Institute of Technology
Technology and Sciences, Allahabad**

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Allahabad**

Allahabad

Name (in Block Letters) _____

Date of Birth _____ Gender: Male/Female

Qualification _____

Organization _____

Designation: (please Tick) Faculty Member / Ph.D Student / PG Student

Address for Correspondence _____

Phone& Mobile _____

E-mail(s) _____

(Signature of Applicant)

Forwarded by:

Name and Signature of forwarding Authority: