



**NEHRU GRAM BHARATI**

(DEEMED TO BE UNIVERSITY)

PRAYAGRAJ, UP

U/S-3 OF UGC ACT, 1956



**7 Days National Workshop (Online)**  
on  
**Research Methodology**



Organized by  
**Faculty of Education in Collaboration with  
Internal Quality Assurance Cell (IQAC)  
N.G.B. (Deemed to be University), Prayagraj**



# NEHRU GRAM BHARATI

(Deemed to be University)  
(U/s 3 of UGC Act, 1956)  
Kotwa, Jamunipur, Dubawal, Prayagraj, Uttar Pradesh



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**Sri J.N. Misra**

Hon'ble Chancellor  
NGB(DU), Prayagraj



## Co-Patron

**Prof. Sanjay Kumar Srivastava**

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(Director, Research)  
NGB(DU), Prayagraj



## Organize Secretary

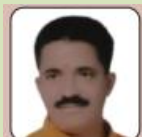
**Mr. S.S. Mishra**  
(Director, IQAC)  
NGB(DU), Prayagraj



## Convener

**Dr. Shrawan Kumar**

(Head, Dept. of Teacher Education)  
NGB(DU), Prayagraj



## Co-Convener

**Dr. Pramod Kumar Mishra**

(Head, Dept. of Education)  
NGB(DU), Prayagraj

## Date

**24 April, 2023 to 30 April, 2023**

# ABOUT THE UNIVERSITY

## NEHRUGRAMBHARATI(DEEMEDTOBEUNIVERSITY)

NehruGram Bharati (Deemed to be University), came into existence as the first rural university in the state of Uttar Pradesh, and one of a few rural area based institute of higher learning in India. It enjoys recognition as a 'Deemed to be University', accorded by the Union Ministry of Human Resource Development U/S 3 of UGC Act, 1956 vide Notification No. F.9-42/2005-43 (A), dated June 27, 2008. Nehru believed that role of education and social contribution was especially important development of hinter land.

Pt. Nehru's dream of having an institution of higher learning in the villages, particularly for rural population was transformed into reality in 2008 by Shri J.N. Misra, a former bureaucrat turned social thinker and philanthropist. It was Shri J.N. Misra's unflinching belief in the ideals of Gandhi and Nehru and his vision and dedication for uplifting the rural masses through quality higher education, that led to the establishment of Nehru Gram Bharati (Deemed to be University) Prayagraj in 2008.

NGB(DU) is located in a rural area in co-existence with natural environment. It aims at empowerment through the faith of Prayagraj and nearby districts with Vocational and Skill development Training, besides the facility of Self Employment.

The University is committed toward improving the Enrolment ratio of the poor meritorious and female category of student in higher education. Our attempt will be to prepare the students for their holistic Personality Development through inculcating Leadership Quality and Responsibility and sense of devotion to the society.



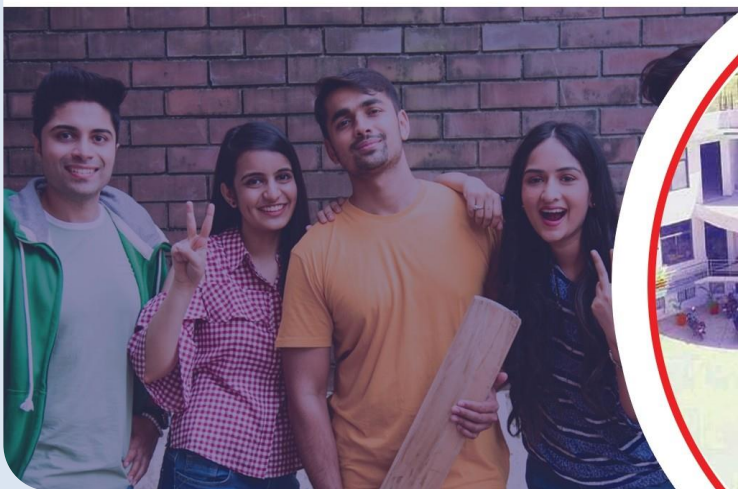


# ABOUT THE WORKSHOP

Any systematic investigation towards increasing the sum of knowledge can be termed as research. The basic purpose of scientific inquiry is to go beyond experience and common sense, which is quite limited and inadequate. The increasing complex nature of our society has focused attention on the use of research to find out the solution for various problems. The quality of the research depends on the knowledge and understanding of problems whereas the output is significantly based on the appropriate research tools, techniques, strategies and analysis process. Researches in social science assume significance from the nature of problem and possible solutions, since it has a larger impact on the day to day activities of a common man. From the past few years. It has become an indispensable area in which there is a need to hone one, problem solving skills and searching systematically for elucidations of problem.

Although there are diverse ways to conduct research, certain methods and skills can make research effort more effective and efficient. It is an amalgamation of technique and procedures that helps the researcher to understand the phenomena in a better way. It can note patient study and scientific investigation, wherein the practitioner (researcher) takes another, more sensitive and careful look at data to explore all that can be known about the concept under study. Research requires (or at least works best) with imagination initiative, intuition and curiosity. The most important element in the acquisition and development of scientific knowledge is the method that is used to investigate the facts. The appropriate choice of a method can yield results that justify the research effort while inappropriate methods can result in formulating inaccurate theory.

The workshop aims to explore the basic dimension of research and need for researchers to rethink the assumptions that underline paradigms of research in the field of social science. It is designed to provide participants with hands-on approach to conduct research. On completion of the workshop, participants will be able to develop their skills to review the related literature, formulate hypothesis, frame research design, understand about sampling techniques and comprehend the relevance of the tools and techniques for data collection and analysis in the social sciences. The workshop will be exposing the participants to theoretical input on quantitative and qualitative methods of research. The workshop will cover all relevant aspects of statistical data analysis, which are related to social sciences, from the very basics of data collection to advance statistical techniques, including their relevance and theoretical aspects.



## **OBJECTIVES OF THE WORKSHOP**

The objectives of the workshop are:

- To expose the participants to contemporary research methodologies.
- To provide an opportunity to the researchers to discuss their research related issues with facilitators.
- To enable them to understand the selection criteria of appropriate statistical techniques.
- To reap maximum benefits through the use of SPSS/MS Excel/Met lab/Eviews.
- To facilitate researchers to establish a network of researchers.
- Enhance skills of participants by preparing an appropriate research design; which includes an overview of literature, formulation of research questions, hypothesis along with collection & analysis data.
- Learn to write research proposal, research report and research paper.
- Enhance capacity to understand the nature and function of basic research concepts as- data, variables, sampling, non sampling errors, type1/ type 2 error, one tailed /two tailed tests, degree of freedom, level of significance, variables and variance, etc.
- To enable them to define a research problem and develop a suitable methodology for addressing the key issues.

## **THRUST AREA OF THE WORKSHOP**

- **Theoretical and Conceptual Framework of Research**
- **Philosophical Foundations of Research and Research Methodology.**
- **Selection and Framing Research Topic**
- **Research Paradigm : Qualitative Vs. Quantitative**
- **Research Design**
- **Framing of Hypothesis & its testing and its relevance in research.**
- **Types of Quantitative Research**
- **Types of Qualitative Research**
- **Tools and Techniques of Data Collection.**
- **Research Ethics and Plagiarism**
- **Review of Research Literature**
- **Referencing Style.**

# MODULES OF THE WORKSHOP

## DAY – I

### Module-I

#### **Theoretical and Conceptual framework of Research in Social Sciences.**

- Basic Concept of Research
- Theoretical Basic of Research
- Historical Foundations of Research
- Different Approaches of Research

## DAY-II

### Module-II

#### **Philosophical, Psychological and Sociological foundation of Research**

- Philosophy of Research
- Psychological aspects of Research
- Sociological aspects of Research

## DAY-III

### Module-III

#### **Paradigm of Research Paradigm : Qualitative and Quantitative**

- Qualitative Paradigm of Research
- Quantitative Paradigm of Research
- Paradigm shift in Research
- Mixed Methodological Approaches of Research

## DAY-IV

### Module-IV

#### **Formulation of Research Hypothesis and its testing**

- Research Questions Vs. Research Hypothesis
- Types of Research Hypothesis
- Basic of Research Hypothesis
- Testing Procedure of Research Hypothesis

## DAY-V

### Module-V

#### **Quantitative Approaches of Research**

- Basic Assumptions of Quantitative Research
- Types of Quantitative Research
- Approaches of Quantitative Research
- Relevance of Quantitative Research in Social Science

## DAY-VI

#### **Qualitative Research Approaches of Research**

- Historical Background of Qualitative Research
- Basic theories of Qualitative Research
- Types of Qualitative Research
- Grounded Theory Phenomenology

## DAY-VII

### Module-VII

#### **Ethical Issues in Research and Participation**

- Ethics of Research
- Plagiarism Ethics
- Softy Measures to Framed Plagiarism

## TARGET GROUP/PARTICIPATION

Faculty Members, Research Scholars and Post Graduate Students may participate in the workshop.

### Important Date-

Last date for submitting registration form : 23<sup>rd</sup> April, 2023

The Course Duration : 24<sup>th</sup> April, 2023 to 30<sup>th</sup> April, 2023

Registration Fee : Rs. 250/-

Mode of payment : Online/NEET/RTGS/Cash

### Account Details :

**Nehru Gram Bharati (Deemed to be University), Prayagraj**

**Account Number : 66630100004446**

**Bank Name : Bank of Baroda, Hanumanganj**

**IFSC Code : BARB0VJHGNJ (Fifth Character in Zero)**

### Registration Form-

**Link- <https://forms.gle/6DcSUbH8migz2E8t9>**

**Email – [webinarngbu@gmail.com](mailto:webinarngbu@gmail.com)**

**Contact us – [9696959444](tel:9696959444), [9631761911](tel:9631761911),  
[9807541364](tel:9807541364), [9807568142](tel:9807568142)**

## ORGANIZING COMMITTEE

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|--|--|
| <ul style="list-style-type: none"><li>• Dr. Mukesh Kumar Singh</li><li>• Dr. Kiran Singh</li><li>• Dr. Ramendra Tiwari</li><li>• Dr. Shivashry Yadav</li><li>• Dr. Awdhesh Kumar</li><li>• Miss Sadhana Tripathi</li><li>• Mr. Pradip Kumar Mishra</li><li>• Mr. Manish Kumar Singh</li><li>• Dr. Alok Kumar Mishra</li><li>• Dr. Devendra Yadav</li><li>• Dr. Abhishek Tiwari</li><li>• Mr. Ratn Kumar Pandey</li><li>• Mr. Sujeet Kumar Gupta</li><li>• Dr. Kripa Shankar yadav</li><li>• Mr. Dharmendr Kumar Singh</li><li>• Smt. Pratima Mishra</li><li>• Mr. Ajay Kumar</li></ul> | <ul style="list-style-type: none"><li>• Dr. Anupama Singh</li><li>• Dr. Pawan Kumar Dubey</li><li>• Dr. Vidhu Shekhar Pandey</li><li>• Dr. Uttam Kumar</li><li>• Dr. Raghvendra Malaviya</li><li>• Dr. Kaniz Fatima</li><li>• Smt. Vandana Singh</li><li>• Mr. K. K. Mishra</li><li>• Mr. Sanjay Sharma</li><li>• Dr. Dipak Tripathi</li><li>• Smt. Rashmi Maurya</li><li>• Mr. Rakesh Kumar</li><li>• Smt. Neetu Pandey</li><li>• Miss Bina Tripathi</li><li>• Dr. Vandana Mishra</li><li>• Smt. Anjali Singh</li><li>• Mr. Sumit Kumar Singh</li></ul> |
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## TECHNICAL COMMITTEE

- |  |  |
|--|--|
| <ul style="list-style-type: none"><li>• Dr. Ujjawal Das</li><li>• Dr. Abhishek Tiwari</li><li>• Dr. Lalit Tripathi</li></ul> | <ul style="list-style-type: none"><li>• Dr. Pankaj Yadav</li><li>• Mr. Sanjay Sharma</li><li>• Mr. Vimlesh Kumar Dubey</li></ul> |
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