



'समानो मन्त्र समिति समानी'

***Five Days Workshop on
Research Methodology and
Research Practices
(Hybrid mode)***

***Date: August 27th to August 31st,
2024***

Organized by

**Department of Geography, Sukanta
Mahavidyalaya & Internal Quality
Assurance Cell (IQAC),
SUKANTA MAHAVIDYALAYA
in collaboration with
Malaviya Mission Teacher Training
Centre (MMTTC)
Formerly UGC-Human Resource
Development Center
UNIVERSITY OF NORTH BENGAL**

**Venue: Department of Geography,
Sukanta Mahavidyalaya, Dhupguri,
Dist. - Jalpaiguri**

Technical Partner

INTEGRATED INSTITUTE FOR ADVANCED RESEARCH AND INFORMATION (IIARI)



INTEGRATED INSTITUTE FOR ADVANCED RESEARCH AND INFORMATION



Statistical Analysis Types



The Department of Geography of Sukanta Mahavidyalaya is going to organize a Five day's Workshop on 'Research Methodology and Research Practices' for Faculty, Post Doctoral Fellow and Research Scholars. The core objective of the workshop is to equip the research scholars with set of skills and potentially to undertake the research very effectively in their disciplines.

About the Geography Department, Sukanta Mahavidyalaya

The Department of Geography had started its journey in the year of 2013. Consecutively, honours class was introduced in 2017. At present, it has 4 faculty members and around 121 students who are approaching towards their Bachelor's degree. The Department of Geography strives to develop a questioning mind, make learning a pleasure, and prepare the students for placement. The department aims at directing students to higher academics or professional courses.

The curriculum involves writing papers, conducting exhibitions, tutorials, fieldwork, and participation in household surveys, seminar, special lectures, and organizing poster competition, practical and map-making methods. Both theoretical knowledge and practical skills are imparted through use of modern ICT, supplemented by field excursions to geographically significant locations. Knowledge of Remote Sensing and Geographical Information System (GIS) mapping has high demand employability.



About UGC-MMTTC, University of North Bengal

If education is the key to bring social and economic transformation, then transformative and innovative approaches in the field of higher education are considered as the precursor to this process. Keeping this objective in mind, the UGC took the initiative to set up Academic Staff Colleges in some selected universities in the country. In 2015, the ambit of Academic Staff College had further been extended and became the Human Resource Development Centre. The UGC-Human Resource Development Centre, University of North Bengal (UGC-HRDC, NBU), began its journey in November 2009, then known as UGC-Academic Staff College.

The UGC-HRDC, NBU since its inception has conducted as many as 102 Refresher Courses, 41 Orientation Programmes and 24 Workshops (ranging from 2-7 days) with paramount success.

The UGC-HRDC, NBU is located in Siliguri, at the foothills of the Himalayas, the gateway to the North East. It attracts participants of diverse cultural backgrounds from all over the country and strives to create a conducive environment for their development. The Centre has been highly applauded and revered to by the participants. The Bagdogra International Airport is conveniently located at a distance of only 4 km from the Institute, and The New Jalpaiguri Railway Station lies 15 km away. The National Highway (NH-34) connects the Institute to the rest of the country by road. The pleasant weather and absolute greenery of the campus of the University of North Bengal make the entire experience very enjoyable. Adding to that, the Centre has an independent guest house where the participants, while taking part in various courses, can stay comfortably.

UGC-HRDC, NBU promotes transparency about the selection of participants in the programs/courses. It also implements the reservation criteria for selection of participants in the programmes/courses organised as part of the broader principle of social inclusion. Of late, the UGC-HRDC, NBU, has started online /digitised processing of all the activities organised by it. It is also intended to promote efficiency in the functioning of the HRDC and enable it to move towards paperless administration and contribute to the reduction of environmental degradation.

The facilities at UGC-HRDC, NBU, include a three air-conditioned smart lecture room to supplement the hybrid-mode of the teaching-learning process. A state-of-the-art seminar hall cum computer laboratory equipped with 30 computers and microphones facilitates to carry on hands-on training programmes. The participants can access around 2500 books at HRDC, and they get the opportunity to use the books, e-books, journals and virtual resources available at the Central Library of the

University of North Bengal. In a situation of COVID-19 pandemic, UGC-HRDC, NBU has initiated online training programmes as prescribed by the UGC and has received an enormous response from the teaching fraternity of across the country. HRDC- NBU has also initiated inter-University research collaboration and outreach programmes with a vision to transform it as a multi-disciplinary centre for training, research and extension activities.



Technical Partner

INTEGRATED INSTITUTE FOR ADVANCED RESEARCH AND INFORMATION (IIARI) is a MSME (Govt. of India) & ISO certified premier research & skilled course providing institute. It is formed to undertake research and development, promote excellence and leadership in Computer science, modern technology, IT & to provide for such research and Development including developing websites, apps, conducting Seminars, workshops, exhibitions, conferences and the like and to obtain technical Know-how, literature, technical data to impart training and consultancy in the field and to contribute in developing service sector by taking initiative in designing; improving GIS (Geographical information system) technology, Digital innovations, IT sector with an object to increase skilled manpower & employment opportunities. We expanding our territory from academic sector to industry and from industry to consultancy service in the academic part we offer various short term course as Short-term courses are an ideal choice in the upcoming days for its flexibility in developing knowledge yet maintaining work-life balance, it is also less exhausting and easy in approach. This organization aims to be the bridge between

your academic excellence and the market.

About the Workshop

Research opens up new realms of thought, new domains of knowledge, and new theories and principles. It also solves problems. It also has the ability to assess and challenge current theories in the light of the current situation. Therefore, it is vital that educational professionals understand research methodology, or the process of conducting research. It is important to note that research is a methodical process, and understanding research technique can assist one to decide what to do in a given circumstance. Thus, it is crucial for a researcher to be aware of every facet and stage of the research process in order to make it more methodical and, consequently, to put an end to concerns about the validity and reliability of his or her work. The trainee in research methodology will become acquainted with the different facets, instruments, and procedures involved in carrying out social science research through this training course. The participant will be introduced to a variety of research methodologies. This encompasses both mixed-methods and quantitative and qualitative approaches. Qualitative methods such as understanding data, survey methods and sampling, Questionnaire design, Hypothesis test, Academic writing & publishing, Avoiding plagiarism, Soil test, Artificial Intelligence, Machine learning, Drone mapping etc., will receive special attention.

Course Objectives

- This course aims to give participants an overview of both quantitative and qualitative research methods, support their immersion in particular techniques, and engage them in important discussions about the field, such as those that contend that the logic of inference is fundamentally the same for both qualitative and quantitative research methods.
- The workshop will also familiarize participants with the primary texts related to the theme emphasis, as well as the methodology of both qualitative and quantitative research methodologies, specialized instruments, and data organization and analysis procedures.
- Instruction in data analysis (qualitative and quantitative),
- Field investigation,
- Emphasis on blended methods and different qualitative approaches,
- Introduction and Hands-on training on Machine Learning (ML) and Artificial Intelligence (AI),
- Instruction and the development of skills with regard to publishing research papers.

Module offered

In order to make the participants capable of doing quality research work the course will cover the following things:

- Research Methodology: Finding the Middle Ground
- Research ethics
- Research Design
- Understanding Data: Sources, Nature; Census, NSSO, CMIE/ASI and Online Databases; SPSS: Applications
- Survey Methods and Sampling: insights of Environmental Sampling design
- Questionnaire Design
- Introduction to AI and ML in modern day research
- Hands on training on AI and ML in modern day research
- Drone mapping
- Quantitative Analysis: Statistical Inference, Hypothesis Testing, Types of Data, Summary
- Qualitative and Quantitative Analysis: Soil test using Soil Testing kit
- Academic Writing, Editing and Publishing
- Avoiding Plagiarism

- Publishing in Journals: Publication Process, Indexing databases (Web of Science, Scopus, UGC-CARE), Open Access, Predatory Publishing
- Evaluation of the participants

Eligibility

All registered Faculty, Post Doctoral Fellow; Research Scholars in recognized Indian university/research institute from any branch of Social Sciences may send their application for this Research Methodology Workshop.

Application procedures

Interested candidates may apply to Course coordinator along with the duly printed filled registration form payment details, forwarding letter by head of the institution/supervisor (in soft copy only) on or before August 9th, 2024. The link of Registration form is enclosed with the brochure. Registration link can also be accessible from the college website web-site www.sukantamahavidyalaya.ac.in.

Documents to be uploaded in the Google/Registration form:

- Duly filled in prescribed Registration Form
- Brief CV of the applicant (With PP photograph)
- Forwarding letter from the head of the institution (For, Faculties)
- Forwarding letter from the supervisor (For, Scholars and PDFs)

**Selection of the participants will be according to Experiences
(Number of seat is limited)**

Link of the registration form: <https://forms.gle/DtS5tT9H6fvmiCdx7>

Registration Fee

No registration fees to attend the Workshop

Accommodation and hospitality will be available as per the participant's interest (Please contacts to the following numbers after getting confirmation; Mb. - 9804171250 & Mb. - 7001517736)

Important Dates

Steps	Dates
Last Date for receiving the application	9/08/2024 (Up to Midnight)
Confirmation to participants about their participation	16/08/2024 (Up to Midnight)
Participants have to inform their needs regarding hospitality within	16/08/2024 (Up to Midnight)
Workshop duration	27/08/2024 to 31/08/2024

Patron

Dr. Nilangshu Sekhar Das, *Principal, Sukanta Mahavidyalaya*

Course Coordinator/Convener

Dr. Debdip Bhattacharjee, *Department of Geography, Assistant Professor, Sukanta Mahavidyalaya*

Organizing Secretary

Prof. Carol Christine Lepcha, *Department of Geography, Assistant Professor, Sukanta Mahavidyalaya*

Advisory Committee

Professor (Dr.) Anjan Chakraborty	Director, UGC-MMTTC, University of North Bengal
Dr. Sanjib Bhattacharya,	Associate Professor-Deputy Director, UGC-MMTTC, University of North Bengal
Dr. Mossaraf Hossain,	Assistant Professor-Assistant Director, UGC- MMTTC, University of North Bengal
Prof. Subir Sarkar	Formerly in University of North Bengal
Prof. Sushma Rohatgi	Formerly in University of North Bengal
Prof. Ashis Sarkar	Formerly in Presidency University
Dr. Sukla Hazra	Formerly in East Calcutta Girls' College University of Calcutta
Prof. Sunando Bandyopadhyay	Presidency University
Prof. Soumendu Chatterjee	University of North Bengal
Prof. Deepak Kumar Mandal	University of North Bengal
Prof. Ranjan Roy	University of North Bengal
Prof. Lakshminarayan Satpati	Director-MMTTC, University of Calcutta
Prof. Subhamita Chaudhuri	West Bengal State University
Prof. Shasanka Kr. Gayen	Coochbehar Panchanan Barma University
Prof. Piyal Basu Roy	Coochbehar Panchanan Barma University
Prof. Suman Paul	Sidho-Kanho-Birsha University
Prof. Namita Chakma	The University of Burdwan

Contact Addresses

Coordinator/Convener: Dr. Debdip Bhattacharjee

Workshop email: geodept@sukantamahavidyalaya.ac.in

Mobile: 9804171250

Organising Secretary: Mrs. Carol Christine Lepcha

Workshop email: geodept@sukantamahavidyalaya.ac.in

Mobile: 7001517736

**CERTIFICATE OF 'RECOMMENDATION', 'NO OBJECTION' AND 'PROVISIONAL
RELEASE ORDER' FROM THE REGISTRAR OF THE
UNIVERSITY/PRINCIPAL/OFFICER-IN-CHARGE/TEACHER-IN-CHARGE/Ph.D.
SUPERVISOR / HEAD OF THE INSTITUTION**

This is to certify that the applicant Mr/Ms/Dr _____

Assistant Professor/Librarian/Scientist/Any other _____

Is a permanent/full-time contractual/full-time ad-hoc/SACT/part-time employee of ___ with
present pay-level _____.

I do here by recommend his/her application for _____

(name of the course) to be conducted by Department of Geography & IQAC, Sukanta
Mahavidyalaya, in collaboration with the UGC-MMTTC (Formerly Human Resource
Development Centre),

If selected, she/he will be released to attend the offline course. The number of days
she/he will attend the course shall be treated as on-duty leave.

Date:

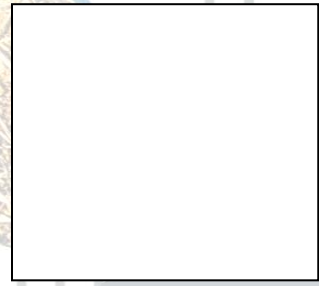
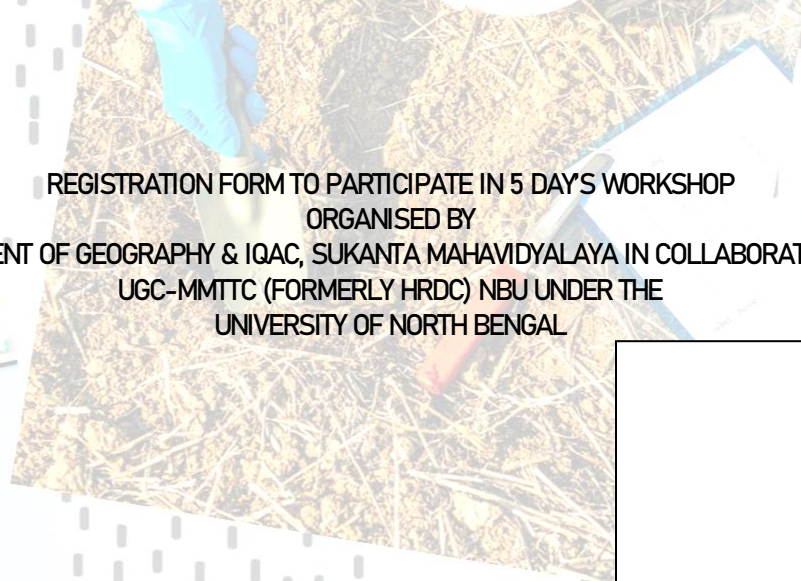
Signature

Place:

Registrar of the University/Principal/
Teacher/Officer-in-Charge/ Head of the Institution/Ph.D. Supervisor
(With Seal)

ysis Types

REGISTRATION FORM TO PARTICIPATE IN 5 DAYS WORKSHOP
ORGANISED BY
DEPARTMENT OF GEOGRAPHY & IQAC, SUKANTA MAHAVIDYALAYA IN COLLABORATION WITH
UGC-MMITC (FORMERLY HRDC) NBU UNDER THE
UNIVERSITY OF NORTH BENGAL



Paste your pp photo with signature

Name (In capital letters):

Email id:

Contact number:

WhatsApp number:

Designation:

Institution with address:

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Signature:.....

Date:

ETHICS IN RESEARCH



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