

Report of Research Methodology Course on Qualitative and Quantitative Research Methods

(10-14 May, 2022, Seminar Hall, Miranda House)



The Research Methodology course was tailor-made to facilitate the academic requirements of the Under-Graduate student community of Miranda House from different courses. The five-day trans-disciplinary workshop was conceptualised with the intention of knowledge-building on the fundamentals of research concepts, methodologies and processes. 39 participants attended the course.

Research methodology courses are designed to teach students the principles and techniques used in conducting research studies. These courses are often required for students in disciplines such as social sciences, business, and healthcare. The topics covered in this include:

1. Research design: This includes the selection of research methods and the development of research questions and hypotheses.
2. Sampling techniques: This includes the selection of participants for a study and the strategies used to ensure that the sample is representative of the population being studied.
3. Data collection: This includes the use of various methods for collecting data, such as surveys, interviews, and observation.
4. Data analysis: This includes the use of statistical methods to analyze data and draw conclusions.
5. Ethics in research: This includes ethical considerations in conducting research, such as ensuring participant confidentiality and obtaining informed consent.

Overall, this courses aimed to provide students with the skills and knowledge necessary to conduct rigorous and ethical research studies. In the end, a report was presented by the students and accordingly certificates were distributed.

**Report of Types of Research Methodology Training Workshop
(16-18 June, 2022, Mini Auditorium, Miranda House)**

CENTRE FOR ENVIRONMENTAL STUDIES AND DISASTER MANAGEMENT
MIRANDA HOUSE
UNIVERSITY OF DELHI

INVITES APPLICATIONS FOR A TRAINING WORKSHOP ON

Types of Research Methodology

Date: 16-18 June, 2022
Venue: Mini Auditorium
Time: 9:30 am - 5 pm

Patron
Prof. Bijayalaxmi Nanda
Principal
Miranda House
University of Delhi

Convenors
Dr. Saloni Bahri, Botany
Dr. Rakhi Parijat, Geography
Dr. Rekha Kumari, Zoology

Registration details on <https://www.mirandahouse.ac.in/centres/cesdm.php>

Organizing Committee

Ms. Shipra Singh (Geography) Dr. Ruchi Sachan (Geography) Mr. Prafullit Bisht (Geography)
Dr. Ankita Medhi (Geography) Dr. Shailender (EVS) Dr. Vimla Singh (EVS) Dr. Surabhi (Political Science)

For more enquiries kindly contact: 9560655273.

The training workshop was organised for students of Miranda House. 28 participants attended the workshop. The objective of the workshop was to aware and enlighten the students about quantitative and qualitative methods of research. An overview of different types of research methodologies were also provided with suitable examples from the field such as:

1. **Quantitative Research:** This type of research methodology involves collecting and analyzing numerical data using statistical techniques. It typically uses surveys, experiments, and other structured methods to gather data.
2. **Qualitative Research:** This type of research methodology involves collecting and analyzing non-numerical data, such as text, images, or video. It typically uses methods such as interviews, focus groups, and ethnographic observation to gather data.
3. **Mixed-Methods Research:** This type of research methodology combines quantitative and qualitative methods in order to gain a more comprehensive understanding of a research question. It involves using both numerical and non-numerical data to gain insights.
4. **Action Research:** This type of research methodology is used to solve a specific problem or improve a situation within a particular context. It involves collaborating with stakeholders and using a cyclical process of planning, acting, observing, and reflecting to make iterative improvements.
5. **Case Study Research:** This type of research methodology involves studying a specific case or phenomenon in depth, often in a real-world context. It typically involves using multiple sources of data, such as interviews, documents, and observations.
6. **Experimental Research:** This type of research methodology involves manipulating one or more variables in a controlled environment in order to observe the effects on another

variable. It typically involves randomly assigning participants to different conditions and using statistical analysis to determine the effects.

7. Survey Research: This type of research methodology involves collecting data from a sample of individuals using standardized questionnaires or interviews. It is often used to gather information about attitudes, beliefs, behaviours, and characteristics of a population.

The students chose a suitable research method based on the aims of their study and presented a report at the end.

Report of Climate Change & Adaptation Workshop (4 April 2022 - 8 April 2022)

**Centre for Environmental Studies and Disaster Management,
Miranda House, University of Delhi**

Organises Five Day Workshop
on
Climate Change Adaptation
April 4th to 8th 2022 | 2PM- 4PM

Themes:

- Conceptual understanding
- Agricultural adaptations
- Water resources and climate change
- Carbon emission reductions

Special attraction:
Nature Walk
Daily Refreshments

Core committee
Dr. Rakhi Parjat (Geography)
Dr. Reekha Kumari (Zoology)
Dr. Saloni Bahri (Botany)

Moderators
Dr. Ruchi Sachan (Geography)
Dr. Ankita Medhi (Geography)

Organising committee
Ms. Shipra Singh (Geography)
Dr. Surabhi (PS)
Dr. Vimla Singh (EVS)
Dr. Priyanka Sharma (EVS)
Dr. Shailender Kumar (EVS)
Mr. Prafullit Bisht (Geography)

Patron
Prof. Bijaylaxmi Nanda
Principal (Officiating)
Miranda House
Academic guidance
Prof. Chirashree Ghosh
Department of Environmental
Studies, University of Delhi

Registration link - <https://forms.gle/kko4SMoXKJj7ax5A> Last day of registration: 1st April, 2022
Registration is mandatory, Registration fee - 250/-
Certificates/E certificates will be issued by the office of CESDM, Miranda House, after filling up the feedback form
Paytm/Google/Phone pe +91 9650522707
Total number of participants will be restricted to only fifty (50), (On First come first basis)
Contact - cesdm@mirandahouse.ac.in +919650522707, +919560655273

Workshop venue: Seminar Hall, Miranda House, University of Delhi

Climate Change & Adaptation workshop was organized by Centre for Environmental Studies & Disaster Management, Miranda House, University of Delhi from 4 April 2022 - 8 April 2022. Each day of the workshop had a specific theme in focus which summed up the causes & consequences of climate change. The workshop included resource persons from several reputed institutes like IARI, IIT DELHI, TERI. Total participants were 17 from various colleges of University of Delhi. The first day of the workshop started with welcome address by our principal Dr. Bijaylaxmi Nanda followed by the inaugural address by Prof. Chirashree Ghosh, professor at the department of Environmental Studies. The first workshop lecture was by Ms. Shipra Singh, faculty in Dept of Geography, Miranda House. The second half of the workshop was hands-on with by Dr. Surabhi, faculty, Pol. Science at MH. The second day of the workshop started by a lecture by Dr. Priyanka Sharma, faculty at CESDM, MH. Her lecture was focused on the pivotal role of climate change in agriculture, which is essential for the

food security all over the world. The second half of the workshop was taken over by Dr. Poonam Yadav, Research Associate, Centre for Environment Science & Climate Resilient Agriculture, IARI. The third day of the session was based on the theme of carbon emissions & carbon footprint reduction. The first half of the lecture was taken by Dr. Vimala Singh, faculty, CESDM, MH. The second half of the session was conducted by a Dr. Chandra Kumar Azad from TERI. He emphasised on the carbon emission trend over the years. The theme of the fourth day of workshop was Water resources & climate change adaptation, Dr. Shailender Kumar, faculty at CESDM, MH, conducted the first half of the session. The second half was taken by Dr. Mansi Bakshi, National Post-doctoral fellow, IIT Delhi. The fifth & final day of the workshop was the field visit, which was a nature walk to Sanjay Van by Brunt.