



Two-Week
Capacity Building Programme for Social
Science Faculty Members
 on
Quantitative and Qualitative Research Methods
in Social Sciences

Sponsored by
Indian Council of Social Science Research
 (ICSSR), New Delhi

1st December to 13th December 2025

Organised by
 Department of Education
 in Collaboration with
 Department of Economics and Development
 Studies
Central University of Jharkhand, Ranchi,
Jharkhand

Course Director

Dr. Tapan Kumar Basantia

Professor, Department of Education
 Dean, School of Education
 Central University of Jharkhand
 Ranchi- 835222
 Jharkhand, India.
 Mob: 9435724964/7667865571
 Email: tkbasantia@gmail.com
pkbasantia@gmail.com
tk.basantia@cuja.ac.in

Co-Course Director

Dr. Sanhita Sucharita

Assistant Professor, Department of
 Economics and Development
 Studies
 Central University of Jharkhand
 Ranchi- 835222
 Jharkhand, India.
 Mob- 9337172355
 Email: sanhita.sucharita@gmail.com
sanhita.sucharita@cuja.ac.in

Patron
Prof. Kshiti Bhusan Das
 Hon'ble Vice Chancellor
 CUJ, Ranchi

Advisors

Prof. Vimal Kishor

Head, Department of Education, CUJ, Ranchi

Dr. Alok Kumar Gupta

Dean, School of Social Sciences and Humanities, CUJ, Ranchi



Core Organising Team

Dr. Vijay Kumar Yadav

Assistant Professor, DoE, CUJ, Ranchi

Dr. Manohar Kumar Das

Assistant Professor, DoE, CUJ, Ranchi

Dr. Ashish Kumar Meher

Assistant Professor, DEDS, CUJ, Ranchi

Organising Committee Members

1. Dr. Shashi Singh (Associate Professor, DoE)
2. Dr. Manvi Yadav (Assistant Professor, DoE)
3. Dr. Neera Gautam (Assistant Professor, DoE)
4. Ms. Angel Nag (Assistant Professor, DoE)
5. Dr. Shilpy Raaj (Assistant Professor, DoE)
6. Dr. M. Ramakrishna Reddy (Assistant Professor, DoE)
7. Mr. Sumanta Halder (Assistant Professor, DoE)

MODE OF PROGRAMME: OFFLINE

Duration of Programme – 13 Days
(1st Dec. – 13th Dec. 2025)

Registration Process

The candidates interested to participate can apply for participation by using registration link given below. The blank Registration form along with the Forwarding letter can be downloaded from the link given below, and the filled in version of the form and the letter shall be uploaded in the registration link to complete the registration process. Alternatively, the candidate may mail the filled in Registration form along with the Forwarding letter and his/her brief CV of two pages in a single PDF form to the email: tkbprogramme@gmail.com. Only properly filled in and signed forms will be considered. The selection will be solely based on record of previous programmes attended, length of experiences, positions held, papers published, etc. Selection will conform to the guidelines of ICSSR.

Registration Link -
<https://tinyurl.com/krwxa6y5>



Link for Downloading Registration Form &
 Forwarding Letter:
<https://tinyurl.com/mwck3s69>

Important Dates:

Start Date for Registration: 12.9.2025

Last Date for Registration: 15.11.2025

Date for Publication Selection List: 20.11.2025

The details are available at: <https://cuja.ac.in>

The Context of the Capacity Building Programme

In the arena of social science research, two significant approaches to research are widely recognised, i.e., quantitative research and qualitative research. Though they often overlap in certain contexts, there are distinct points of differences between them. Quantitative research is more linear and objective, relying on the collection, analysis, and interpretation of numerical data to identify statistical patterns and draw conclusions. On the other hand, qualitative research is less linear and more subjective, focusing on the collection, analysis, and interpretation of non-numerical data, which is usually descriptive, narrative, and context-driven in nature. Both quantitative research and qualitative research are two important dimensions of the social science research, and both play the catalyst role to solve different social issues or problems as per their focuses and processes. Both quantitative research and qualitative research are also treated as two important dimensions of research in many other fields of research like language research, behavioural research, etc. besides social science research.

As quantitative research and qualitative research are two important dimensions/aspects of many disciplines/domains of research including social science research, so, the prospective researchers as well as existing researchers of social science field including many other fields of study must possess sound knowledge on both quantitative research and qualitative research. This would help them to achieve their targets of research as per their expectations. Considering this context, a Two-Week Capacity Building Programme (CBP) on the theme 'Quantitative and Qualitative Research Methods in Social Sciences' is proposed for young faculty members of social sciences.

Goal of the Programme

This programme aims to enhance research methodological and academic writing skills of its clientele in both quantitative and qualitative researches in social sciences fields. The programme will provide an in-depth understanding of the research strategies, including mixed methods/approaches to research and interdisciplinary research – research problem identification and formulation, research proposal preparation/designs, the art/skill of preparation of research tools (questionnaire, schedule, etc.), conducting fieldwork in research, data collection and compilation for research, data analysis and presentation in research, and reporting the results of research in the form of high-quality research papers/articles/books, etc. Through participating in this programme, the participants can undertake meaningful research projects (sponsored and non-sponsored), develop the research based materials, publish research papers in reputed journals/periodicals, review the research materials, establish a research culture in an institutional setting, provide consultancy services for research, avail research fellowship for self and guide students, scholars or others for

availing research fellowship, etc. in the arena of both quantitative and qualitative researches in social sciences fields. Promotion of flexible and collaborative research endeavour within the social sciences fields would be prioritized in this programme. Deliberations and discussions by the eminent social science researchers will add a different flavour to the outcome of the programme, strengthening the research culture in social sciences settings. The programme will consist of interactive sessions, hands-on exercises, statistical laboratory experiences, qualitative laboratory experiences, etc. The programme will be conducted in-person mode, and the participants will be provided with necessary materials/e-resources.

Objectives of the Programme

1. To explain the significance of conducting social science research and basic process involved in conducting social science research.
2. To analyse critically the contexts and criteria used for categorising social science research as quantitative research and qualitative research.
3. To investigate into the basic philosophical paradigms and processes guiding quantitative researches and qualitative researches in social sciences.
4. To elaborate the need and process/steps of conducting quantitative researches and qualitative researches in social sciences.
5. To illustrate the nature, features and process of using the quantitative and qualitative research tools in social science research.
6. To describe in details the different quantitative and qualitative research methods in social sciences with regard to their basic features, applicability, merits and limitations.
7. To discuss the techniques and processes involved in analysing the data and reporting results of quantitative and qualitative researches in social sciences.
8. To provide hands on experience for the use of different quantitative research software and qualitative research software in social science research.
9. To develop skills for preparing proposal for conducting quantitative and qualitative researches in social sciences.
10. To inquire into/explore mixed methods research as a conglomeration of both quantitative method and qualitative method of research.
11. To reflect into the interdisciplinary research and its perspective relating to quantitative and qualitative researches.

Topics to be Covered

- Research and Scientific method— The relationship
- Pure Science research and Social Science research— The meeting points and differences
- Social Science research: Significance, scope and processes
- Paradigms of research— Pre positivism, Positivism and Post positivism
- Pure research and Applied research— An overview

- Literature review: The sources, basic process and steps
- Referencing styles in research
- Ethics of research & Plagiarism check
- Library & e-library training for research & Library Visit— Hands on experience
- Research problem selection for quantitative research and qualitative research
- Philosophical background, designs and steps of quantitative research and qualitative research
- Variables & Hypotheses formation in quantitative research & Propositions and insights for study in qualitative research
- Sampling process in quantitative research and qualitative research
- Quantitative research tools: Test, checklist, rating scale, and questionnaire
- Qualitative research tools: Interview schedule, observation schedule, and focus group discussion
- Quantitative research method: Experimental research, Correlational research & Casual comparative research
- Qualitative research method: Historical research, Descriptive research, Naturistic enquiry, Participatory research, Grounded theory, Phenomenology, Ethnography, Symbolic interactionism, Content analysis, Narrative research and Case Study
- Decolonial Approach to Social Science Research— Understanding and application
- Data analysis in quantitative research: Use of parametric and non-parametric statistics
- Software for quantitative data analysis: SPSS, AMOS, STATA, R
- Data analysis in qualitative research: Expression and Presentation styles
- Software for qualitative data analysis: NVivo and MAXQDA
- Reporting and publication of quantitative research and qualitative research results
- Preparation of quantitative and qualitative research proposals
- Mixed Method Research: A conglomeration of both quantitative research and qualitative research
- Critical Reflection on Research on Indian Knowledge System and its Significance for development of contemporary India

Special Discussion/ Workshop /Case Analysis on

Promotion of Collaborative/Interdisciplinary research endeavour

Establishment of Research Centres within an institution

Promotion of Consultancy Services

Paper publication— Research and theoretical papers

Opportunities for Research Fellowships and Aids — In India and Abroad

Book writing & Book review

Preparation of Proposal for research grants

Preparation of Self-study materials

Field Work on Academic writing in quantitative research and qualitative research— Hands on Experiences

About the ICSSR Sponsored Capacity Building Programme

The Indian Council of Social Science Research (ICSSR), founded in 1969, is the apex body of the Government of India for promotion of research and capacity building in the different areas of social and human sciences. One of the key objectives, among many, of ICSSR is to provide enhanced training on research and its allied activities to the faculty members, especially younger faculty members, of Social Sciences fields to build their capacity to be seasoned faculty members in their respective field(s) of works. For this purpose, the ICSSR sponsors and provides grants to the social science faculty members for organizing capacity building programme for young faculty members in various social science disciplines under its Training and Capacity Building (TCB) division. Promoting a deeper understanding of the theoretical and methodological concepts of social sciences is a key focus of the programme. The programme broadly aims at making the social science faculty members familiar with essential social science tools and techniques and establishing better academic networking among them which would lead to improved production of excellent research and other scholarly outputs for the furtherance of society.

About the University

The Central University of Jharkhand came into existence on 1st of March, 2009 under Central Universities Act 2009. The vision of the university is to be a flagship university firmly rooted in Bhartiya culture and its rich spiritual legacy, fostering an open, rational and scientific temperament for a better world. The university's mission is to provide accessible, affordable and quality education for all, bring holistic growth of sensitive and responsive citizens in Bhartiya spiritual ethos and promote impactful research coupled with entrepreneurial excellence to create future ready citizens. The university seeks to achieve its vision and mission by cultivating an environment of excellence in teaching, research and innovation in pure and applied fields of learning. Presently, the university has 9 Schools and 25 Departments which offer Integrated UG-PG, PG & Ph.D. programmes in specialized disciplines, catering to the present need of the society, especially in the fields of education, humanities and social sciences, culture, communication, commerce and management, languages, natural resources, sciences and engineering. The university spreads over 505 acres of land in lush green area at the outskirts of Ranchi (the capital of Jharkhand) – located in one of the central points of the country. Multilingual and multi-ethnic surrounding of the university is an added advantage for multicultural studies and research in the university.

About the Department of Education

The Department of Education (under the School of Education) was established in 2013 with the Four-Year Integrated B.A. B.Ed. and B.Sc. B.Ed. programmes. The department started to offer Two-Year

B.Ed. programme from the academic session 2015-2016, and Ph.D. programme from the academic session 2018-2019. The department is committed to prepare competent and dedicated teachers, researchers and other educationists who can justify their position in academia and research world. The department has adequate and well-maintained infrastructure facilities, including smart classrooms, science/social science/mathematics/language/psychology labs with sophisticated instruments, curriculum lab with text materials/reference materials/ scholarly documents/educational reports, educational resource centre that includes digital and non-digital teaching learning materials/aids, musical instruments, drama accessories and other facilities as per the need and requirement. The department has all sorts of advanced technological facilities to cater the demands of its students and other users in this twenty-first century. The department has credibility in running IKS-AICTE, MoE, Govt. of India Project, ICSSR project and other sponsored research projects.

About the Department of Economics and Development Studies

The Department of Economics and Development Studies is a new department under the School of Humanities and Social Sciences which was established in 2022. The department offers a Five-Year Integrated B.A.–M.A. course in Economics as per NEP-2020 and a PhD programme. The department focuses on teaching and research to provide understanding of global, national, and regional economic issues, combining traditional concepts with modern innovations. With emphasis on theory–practice integration, independent learning, and student–faculty interaction, it prepares students for modern challenges, global competition, and community-focused development, while encouraging creativity and academic engagement through research and activities like seminars and webinars. The department has credibility in running ICSSR sponsored research project and many other academic programmes.



Participants

Faculty members (preferably young faculty members) of all Social Science disciplines can apply to participate. The participants must be from UGC recognized Institutes/Universities/Colleges or ICSSR research institutes

Intake

Total intake **30: 10** from Central University of Jharkhand campus including Ranchi city; **10** from Jharkhand state (beyond Central University of Jharkhand campus and Ranchi City) and **10** from outside Jharkhand.

Certificate

Certificate will be issued on successful completion of all the formalities of the programme. Cent percent attendance in all the sessions is mandatory for the completion of the programme. No leave is permissible during the programme. The certificate will be useful for UGC-CAS promotion.

Registration Fee

No registration fee is applicable for participation in the programme.

Travel Allowance

Travel expenses up to three tier AC by train or journey by Volvo bus will be reimbursed on production of original tickets for outstation participants only. Local participants would not be provided any T.A. facility.

Accommodation

Accommodation shall be provided to the out-station participants either in University Guest house / Hostel or in a hotel on a sharing basis.

Important Notes

- ☐ All activities of the programme would follow ICSSR guidelines.
- ☐ Those who have attended the same kind of programme in near past (in the last one year) may not apply for it.
- ☐ Personal laptop is necessary to participate in the programme.
- ☐ Fieldwork/presentation of research work is compulsory part of the programme. Participants must be ready for the same.

Contact Details

For any special query, please contact:



9337172355 (Dr. S. Sucharita, Co- Course Director)

9777696169 (Dr. A. K. Meher, Core Organising Team Member)

9153122416 (Mr. S. Halder, Organising Committee Member)