



Jaintia Eastern College, Khliehriat

East Jaintia Hills District, Meghalaya

Affiliated to North Eastern Hill University, Shillong

Re-accredited by NAAC in 2021 (2nd Cycle)

ONE DAY NATIONAL WORKSHOP ON “RESEARCH METHODOLOGY AND APPLICATION OF AI IN RESEARCH”



ORGANISED BY

INTERNAL QUALITY ASSURANCE CELL (IQAC), JAINTIA EASTERN COLLEGE

FUNDED BY ICSSR, NERC, SHILLONG AND JHCMA, THANGSKAI

DATE: 30TH OCTOBER 2025



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www.jecollege.org

About the Workshop

In the present academic landscape, quality research has become the cornerstone for knowledge creation, policy formulation, and societal development. Research Methodology serves as the foundation for conducting systematic, reliable, and ethical inquiry, while recent advancements in technology have opened new horizons for academic and scientific exploration. Among these, Artificial Intelligence (AI) has emerged as a transformative tool, reshaping the way research is conducted, analyzed, and disseminated.

The proposed National Workshop on Research Methodology and Application of AI in Research aims to provide participants with a comprehensive understanding of both conventional and modern approaches to research. It will cover essential aspects of research design, data collection, analysis, and interpretation, while also introducing participants to the practical use of AI-driven tools in literature review, plagiarism detection, data analysis, predictive modelling, and academic writing.

This workshop will serve as a platform for scholars, researchers, and teachers to build capacity in adopting innovative methodologies, enhance research quality, and adapt to the rapidly changing academic ecosystem. By integrating methodological rigor with technological advancement, the workshop seeks to empower participants to undertake impactful research and contribute effectively to the academic and scientific community.

Objectives

- To provide an overview of the fundamentals of research methodology.
- To explore the role of AI in research and data analysis.
- To familiarize participants with research tools and plagiarism checkers.
- To encourage best practices in academic writing and publication.
- To promote interdisciplinary research and innovations.

Target Participants

- Faculty Members
- Research Scholars
- Postgraduate Students

Resource Persons

1. Prof. R. Mahanta, Department of Economics, Guwahati University, Guwahati, Assam
Topic: Research Methodology:
2. Dr. Kumaresh Sarmah, Department of Electronic and Communication Technology, Guwahati University, Guwahati, Assam
Topic: Application of AI in Research

About the College

Jaintia Eastern College, located at Khliehriat, the District Headquarter of East Jaintia Hills District, was established in 1992 with the motto “Education for All.” The College is affiliated to North Eastern Hill University, Shillong, offering Undergraduate courses in Arts and Commerce, as well as Postgraduate courses in Khasi and Education. It is recognized under Sections 2(f) & 12(B) of the UGC Act, 1956 and accredited by NAAC with Grade ‘B’ in 2021 (2nd Cycle).

The college also provides skill-based courses to equip students and youths with relevant knowledge for modern job requirements. Additionally, it actively promotes community engagement through NSS, NCC, RRC, UBA, Legal Care & Support Centre, and other extracurricular activities.

Registration

Registration Fee: Rs. 500/- (Five Hundred only) non refundable

Mode of Payment: Online via Gpay 9362304389 or Offline at the Registration Desk.

Link for Registration: <https://forms.gle/9ASDp1sHVeJbNYq2A>

Join our WhatsApp Group:

https://chat.whatsapp.com/Dt2X9Cg8l9WCWMMRulMspY?mode=ems_qr_t

Contact for Queries

IQAC Coordinator: +91 9862467544/ Principal: +91 9436115484/ mail: je_college@yahoo.co.in

Fooding & Logging

The organizer will provide tea before and during the Seminar and lunch at Lunch Break only. Accommodation will be arranged on the request of the participants on their own expenses.

Organizing Committee

Chairperson: Dr. P. Nongtdu, Principal

Convenor: Shri N. Rymbai, IQAC Coordinator.

Members:

Dr. David S Diengdoh, Faculty Khasi (PG),

Dr. (Mrs). Ibakordor Tiewsoh, HoD Education (PG),

Dr. (Mrs). R. Merika Nongtdu, Faculty History,

Dr. (Mrs). P. A. Shadap, Faculty of Education,

Shri B. Papang, Faculty of Commerce.

Rapporteur:

Miss. F. D. Lytan Faculty of Economics

Miss A.G. Lapasam Faculty of English

Technical & Support Team:

Shri F. Dkhar Faculty of English and Shri Royal Nongtdu, Office Assistant

How to reach (click below)

<https://maps.google.com/maps/search/Jaintia%20Eastern%20College/@25.36016347,92.37011454,17z?hl=en>

Tentative Programme Schedule

9:00 AM – 9:30 AM: Registration

9:30 AM – 10:00 AM: Inaugural Session

- Chairperson: Dr. P. Nongtdu, Principal
- Welcome Address Dr (Mrs). R. M. Nongtdu
- Welcome Song: JEC Students
- Inaugural Address: by the Chief Guest
- Vote of Thanks: Shri N. Rymbai, IQAC Coordinator

10:00 AM – 12:00 AM Technical Session I

- Chairperson: Dr. (Mrs). Ibakordor Tiewsoh
- Topic: Research Methodology
- Resource Person: Dr. R. Mahanta

• **Discussion**

12:00 PM – 1:00 PM Lunch Break

1:00 PM – 3:00 PM Technical Session II

- Chairperson: Shri. B. Papang
- Topic: Application of AI in Research
- Resource Person: Dr. Kumaresh Sarmah
- Discussion

3:00 PM – 3:30 PM Valedictory Programme

- Chairperson: Shri. Beket Siangshai
- Reflections & Feedback from Participants
- Dr. P. Nongtdu, Principal
- Distribution of Certificates
- Closing Remarks

All participants will be issued a Certificate of Participation.