

CAPACITY BUILDING FOR ACADEMIC EXCELLENCE IN DIGITAL TRANSFORMATION: AI INTEGRATION FOR NORTH EASTERN REGION HIGHER EDUCATION

8th December 2025-11th December 2025

Venue: Captain Williamson Sangma State University (CWSSU), Balalgre, West Garo Hills, Meghalaya

Organized by
Captain Williamson Sangma State University (CWSSU), Balalgre

Funded By:
North Eastern Council (NEC), Shillong, Meghalaya

<https://necouncil.gov.in/>

Objective: Main focus and objective of the workshop is to Establish Regional AI Literacy Framework, to create Sustainable knowledge Networks, to foster Regional Collaboration, to Design Tailored Integration Strategies, to ensure Ethical AI Implementation and Transform Research and Teaching.

Key highlights:

- 1. Resource Persons:** Four distinguished experts - Mr. Abhishek Kashyap (IT Guwahati), Mr. Lawmna Kima (LushAI Tech & EY), Dr. Tiatemsu Longkumer (Royal Thimphu College, Bhutan), and Dr. Ujjal Marjit (University of Kalyani).
- 2. Sessions Conducted:** 8 major sessions spanning theoretical foundations to practical applications.
- 3. Tools Demonstrated:** 15+ AI tools for research, writing, and academic work.
- 4. Hands-on Activities:** Multiple practical sessions with live demonstrations.
- 5. Institutional Representation:** CWSSU (48 participants), DIET Tura/Rongkhon (34 participants), Mason Phillips Academy (10 participants), St. Anthony's College (1 participant), Ampati Degree College (8 participants), Tura Government College (1 participant), St. Joseph's College Jakhama Nagaland (1 participant), College of Teacher Education Rongkhon (2 participants), North - Eastern Hill University (2 Participants).

Participants: 107 participants from across the North Eastern Region.

Outcomes: The workshop successfully delivered on its intended learning outcomes, with participants demonstrating:

1. Conceptual Understanding

- Comprehensive grasp of AI fundamentals, including neural networks, transformers, and LLM architecture
- Clear understanding of distinctions between different AI types (Generative vs. Agentic, Thinking vs. Non-Thinking models)
- Awareness of AI limitations including hallucinations, biases, and epistemic opacity
- Understanding of the philosophical and ethical foundations of AI
- Knowledge of the politics of knowledge in AI systems

2. Critical Thinking Skills

- Ability to critically evaluate AI outputs for accuracy and appropriateness
- Understanding of when AI is suitable versus when human expertise is essential
- Recognition of ethical implications and potential misuse scenarios
- Capacity to analyze bias and fairness issues in AI systems
- Skills in questioning and verifying AI-generated content.

3. Practical Competencies

- Proficiency in prompt engineering across multiple categories and techniques
- Hands-on experience with 15+ AI tools for research and academic writing
- Ability to verify and validate AI-generated content
- Skills in using AI for literature review, research discovery, and academic writing
- Competence in implementing AI tools while maintaining academic integrity

4. Policy and Institutional Awareness

- Understanding of institutional governance frameworks for AI
- Knowledge of policies regarding acceptable and prohibited AI uses
- Awareness of data privacy and security considerations
- Capacity to contribute to institutional AI policy development

Impact: Immediate Impact

Based on informal feedback and observations during the workshop:

- Over 95% of participants rated the workshop as "Excellent" or "Very Good"
- Participants reported significantly increased confidence in using AI tools responsibly
- Strong commitment expressed to applying learned techniques in teaching and research
- Formation of peer networks across institutions for continued collaboration
- Immediate plans by several participants to conduct similar sessions at their institutions

Photograph:



Participants with Organising Committee Members

