

Faculty Development Program Report

The Department of Medical Education, in collaboration with the Department of Community Medicine, SCMCH&RI, organized a Faculty Development Program on “*Artificial Intelligence in Medical Education & Research*” on 21st August 2025 at the MEU Hall.

The program aimed to empower faculty members with practical knowledge and hands-on experience in integrating AI tools into teaching, assessment, and research. Delegates were divided into six groups of five each.

The session commenced with a welcome address by Dr. Jewel and an orientation by Dr. Yashaswini M K, MEU Coordinator. She introduced the theme of the FDP and set the tone for a day filled with innovation and collaboration. As an icebreaker, a Taboo game was conducted to familiarize participants with available AI apps. This was followed by a group brainstorming activity where each team was asked to conceptualize an AI tool with a catchy name. With these initial group activities, the sessions officially began.

A total of 35 registered delegates from various departments actively participated in the program. The sessions were designed to blend demonstrations, group activities, and real-time application of AI tools.

Session Highlights:

- **Session 1: Prompt Engineering + Lesson Planning & PPT Preparation**
Conducted by Dr. Sheethal and Dr. Amulya, Department of Community Medicine
Faculty explored how AI can assist in crafting effective prompts, generating lesson plans, and designing impactful presentations using tools like Napkin AI and Gamma.
- **Session 2: AI in Assessment**
Conducted by Dr. Sheethal and Dr. Amulya
Participants were introduced to platforms such as Curipod, Amuse Labs, and QuestionWell for designing interactive assessments, quizzes, and feedback forms. The Chrome extension Brisk Teaching was demonstrated for AI-assisted lesson planning, student feedback, and content differentiation.
- **Session 3: Initiating Research Using AI – Techniques for Topic Generation**
Led by Dr. Raghavendra and Dr. Manuja, Department of Community

Medicine

Delegates learned how to use AI to brainstorm and refine research topics, with hands-on access to curated platforms.

- **Session 4: AI-Enabled Design of Data Collection Tools – Questionnaires & Forms**
Led by Dr. Raghavendra and Dr. Manuja
Participants practiced creating structured data collection instruments using AI-powered form builders.
- **Session 5: Integrating AI in Literature Review & Discussion Writing**
Led by Dr. Raghavendra and Dr. Manuja
Post-lunch, the session focused on using AI to streamline literature searches and draft discussion sections in research papers.
- **Session 6: Reference Management with AI**
Led by Dr. Raghavendra and Dr. Manuja
Faculty were guided to install and use Zotero for citation generation, bibliography formatting, and reference organization.

Additionally, participants were introduced to Suno, an AI music generation platform, showcasing creative applications of AI in education and engagement.

Throughout the day, delegates engaged in hands-on activities, explored real-time AI applications, and discussed the ethical and pedagogical implications of AI in medical education.

The program concluded with a vote of thanks delivered by Dr. Yashaswini M K, acknowledging the contributions of all resource persons and the enthusiastic participation of faculty members. Feedback forms and post-session reflections were collected to assess the impact and gather suggestions for future programs.

The event reflected the institution's commitment to embracing technological advancements and fostering a culture of continuous professional development among faculty.

A big shout-out to the organizing teams from the Departments of Medical Education and Community Medicine for putting together such a well-structured, interactive, and inspiring program and we look forward to more such insightful sessions in the future.