

Medical Education Unit

Report on Feedback of Two-Day Hands-on Workshop on Artificial Intelligence in Medical Education

The Medical Education Unit (MEU), NKP Salve Institute of Medical Sciences & Research Centre and Lata Mangeshkar Hospital, Nagpur, conducted a Two-Day Hands-on Workshop on “Artificial Intelligence in Medical Education” on 6th and 7th August 2026 at SAMVAD Hall. The workshop was conducted by Dr. Rizwan Ahmed and Dr. Madhur Gupta and focused on practical applications of Artificial Intelligence (AI) in teaching, learning, assessment, research, design, and academic productivity.

The workshop followed an interactive, hands-on approach. Day 1 focused on AI for Teaching, Learning and Assessment, including an introduction to opportunities, limitations and ethics of AI, followed by practical sessions on ChatGPT, Google Gemini, Claude AI and NotebookLM. Participants worked on applications such as preparation of teaching material, MCQs, OSCEs, case scenarios, lesson plans, document analysis, study guides and quiz generation. Prompt engineering and departmental group activities were also conducted.

Day 2 focused on AI for Research, Design and Academic Productivity. Participants received hands-on exposure to Perplexity AI, Canva AI, Gamma AI, AI tools for research and Microsoft Copilot. A departmental challenge was conducted in which participants developed AI-assisted teaching modules, followed by group presentations and expert feedback. The programme concluded with a post-test, feedback, certificate distribution and valedictory session.

Feedback Analysis

Feedback was obtained from 35 participants through a structured Google Form. The response was highly encouraging. Regarding knowledge gain, 91.4% of participants rated the sessions as excellent, while the remaining 8.6% rated them as good. This indicates that the workshop was successful in enhancing participants’ understanding of AI and its applications in medical education.

The participants also rated the presentation by the faculty very positively, with 80% rating it excellent and 20% rating it good. No participant rated the presentation as fair or poor. The feedback reflects appreciation of the faculty members’ clarity, practical approach and interactive style of teaching.

The infrastructure and venue arrangements were also well received. For infrastructure setup, 62.9% participants rated it excellent and 37.1% rated it good. Similarly, the logistic arrangements received an excellent rating from 77.1% participants and a good rating from 22.9%. These responses indicate that the overall arrangements supported effective participation in the hands-on activities.

An important indicator of the success of the programme was the participants’ response to the question regarding the need for similar programmes in the future. 97.1% of the participants expressed that more workshops like this should be conducted. This strongly demonstrates the relevance of AI-related faculty development activities and the enthusiasm among faculty members to continue developing their skills.

Suggestions and Future Scope

The qualitative feedback provided several useful suggestions for strengthening future programmes. Participants requested more workshops on AI in medical research, as well as dedicated sessions on prompt engineering. Some participants suggested providing handouts and notes for future reference and conducting more detailed and advanced workshops. There was also a suggestion to provide regular activities or assignments, such as one AI-based activity every month, with evaluation of participants’ progress.

Participants also suggested providing more time for senior faculty, increasing the available workspace. At the same time, several participants reported that no changes were required, while others described the workshop as informative, interactive, well organised and excellent.

Overall Outcome

The feedback demonstrates that the workshop successfully met its intended objectives. Participants gained practical exposure to multiple AI platforms and developed greater confidence in applying AI for teaching, assessment, research and academic work. The very high positive ratings for knowledge gain, faculty presentation, infrastructure and logistics, along with the 97.1% demand for more such workshops, indicate a strong impact of the programme. Based on the feedback, the MEU may consider conducting advanced and focused AI workshops, particularly on AI in medical research, prompt engineering, personalised AI-assisted learning, and advanced applications in medical education. Regular follow-up activities and practice assignments may also be introduced to encourage continued application of the skills gained during the workshop. Overall, the programme was well received and represents a valuable step towards promoting technology-enabled, innovative and effective medical education.