Program Report

1-Day Hands-On Workshop on AI in Research

Venue: Ruby Hall, Malabar Medical College Hospital & Research Centre, Calicut
Date: August 24, 2025

The Department of Transfusion Medicine, in association with the Department of Pathology of [Malabar Medical College Hospital & Research Centre](), Transfusion Medicine Academic Society ([TMAS]()) & [Research Solutions]() (Scite AI), successfully conducted a 1-Day Hands-On Workshop on "**AI in Research & Transfusion Medicine**" on August 24, 2025, at Ruby Hall, Malabar Medical College Hospital & Research Centre, Calicut.

The workshop was aimed at equipping doctors, researchers, and academicians with practical knowledge of Artificial Intelligence (AI), its role in medical research, and real-time demonstrations of cutting-edge tools that can enhance productivity and innovation in the field.

The program was inaugurated by Dr. P. V. Narayanan, Principal, MMC, and was presided over by Dr. Raveendran M K, Medical Superintendent. Dr. Vinu Rajendran, Joint Secretary, TMAS, graced the occasion with his presence and words of encouragement. The organizers also gratefully acknowledged the constant support and guidance of Mr. Anil Kumar Vallil, Chairman, Malabar Medical College Hospital & Research Centre, and the Medical Director, whose encouragement and vision have always been instrumental in promoting academic initiatives of this kind.

Faculty

The sessions were led by eminent faculty with expertise in AI applications:

Dr. Krishna Raj J S, Associate Professor, Community Medicine, Malabar Medical College Hospital & Research Centre

Dr. Arun V. J, Assistant Professor, Transfusion Medicine, Malabar Medical College Hospital & Research Centre

Dr. Aathira G. Das, Assistant Professor, Pathology, Malabar Medical College Hospital & Research Centre

Sessions & Activities

The workshop provided a balance of theoretical insights and hands-on training:

Introduction to AI & Prompt Engineering – covering the fundamentals of artificial intelligence and effective ways to interact with AI systems.

Hands-On Training in AI Tools – participants brought their laptops and practiced live demonstrations of AI tools under expert guidance.

Cutting-Edge Applications of AI in Research – exposure to emerging technologies and their relevance in academic and clinical research.
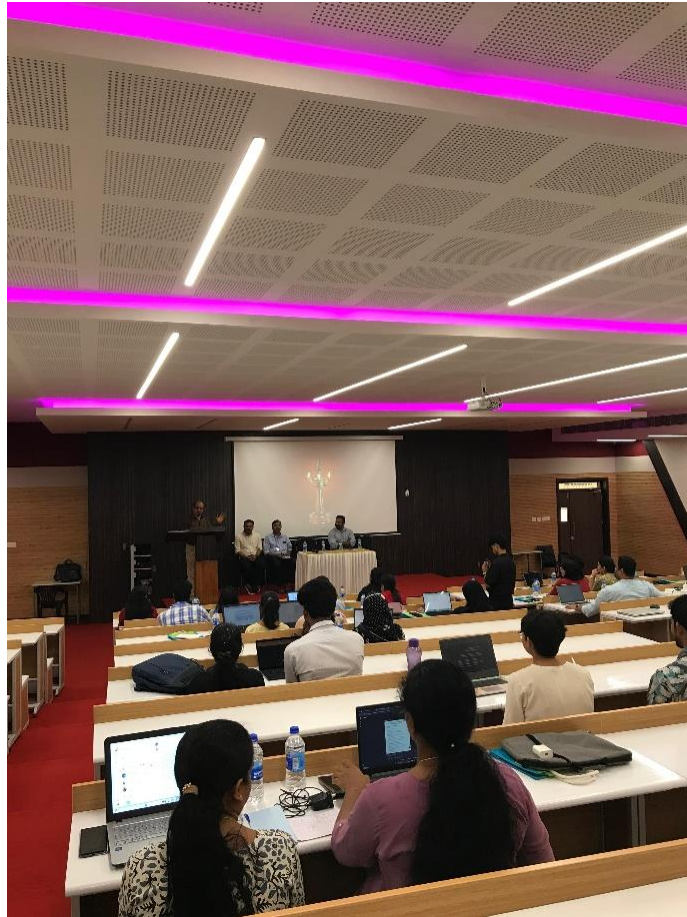
The workshop witnessed enthusiastic participation with 27 registrants from 15 institutes across India. The interactive, practice-based sessions ensured that every participant engaged meaningfully and gained practical skills to apply in their academic and professional work.
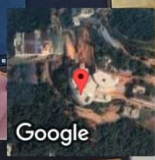
The Hands-On Workshop on AI in Research & Transfusion Medicine marked a successful step in bringing the power of AI to the medical and research community. The collaboration between departments and TMAS, combined with the active participation of delegates, ensured the event's success.

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