

Call for abstracts for oral and poster presentations

The Organising Committee cordially invites researchers, clinicians, academicians, healthcare professionals, industry experts, postgraduate students, research scholars, and undergraduate students to submit original research abstracts for **Oral and Poster Presentations** at the **KMCT Confluence 2026**.

The conference aims to provide a multidisciplinary platform for showcasing innovative research, technological advancements, and translational solutions that are shaping the future of healthcare.

Scientific Track

Abstracts are invited in, but not limited to, the following areas:

1. Medical Devices & Diagnostic Instrumentation

Design, development, and clinical validation of diagnostic and therapeutic devices — from prototype to point-of-care deployment.

2. Wearable & Implantable Health Technologies

Sensors, biosensors, smart implants, and continuous monitoring systems that translate raw data into actionable clinical insights.

3. AI & Machine Learning in Medical Technology

Algorithm-driven diagnostics, predictive analytics, imaging AI, and clinical decision-support systems that move from validation to real-world use.

4. Medical Imaging & Signal Processing Technologies

Innovations in imaging modalities, image reconstruction, and signal analysis for improved diagnostic accuracy and accessibility.

5. Robotics & Automation in Healthcare

Surgical robotics, rehabilitation robotics, and automated clinical workflows that bridge lab prototypes and hospital integration.

6. Biomaterials & Medical Device Engineering

Novel materials for implants, prosthetics, and drug-delivery devices — engineering solutions built for biocompatibility and scale.

7. Digital Health Platforms & Telemedicine Technology

mHealth apps, remote monitoring platforms, and telehealth infrastructure enabling care delivery beyond clinical walls.

8. Nanotechnology-Enabled Medical Devices

Nanoscale diagnostics, targeted delivery devices, and theranostic platforms transitioning from lab-scale to clinical-scale applications.

9. Point-of-Care & Low-Resource MedTech Solutions

Affordable, portable, and scalable technologies designed for accessibility and translation into low-resource clinical settings

Oral Presentation

The Oral Presentation session provides an opportunity for researchers to present their original work before an expert panel and a scientific audience.

Eligibility

- Faculty members
- Scientists
- Medical professionals
- Industry professionals
- Research scholars
- Postgraduate students
- Undergraduate students (if applicable)

Presentation Guidelines

- Only accepted abstracts will be eligible for oral presentation.
- Presentation duration: **10 minutes presentation + 3 minutes discussion**
- Presentations should be prepared using Microsoft PowerPoint.
- Authors should report to the presentation hall at least 30 minutes before the session.
- The presenting author must complete conference registration.

Evaluation Criteria

- Scientific originality
- Relevance to conference theme
- Research methodology

- Data analysis and interpretation
- Innovation and impact
- Quality of presentation
- Ability to answer questions

Poster Presentation

The Poster Presentation session offers participants an opportunity to showcase their research through visually engaging scientific posters and interact directly with delegates and judges.

Poster Guidelines

- Posters should include:
 - Title
 - Authors and Affiliations
 - Introduction
 - Objectives
 - Methodology
 - Results
 - Discussion
 - Conclusion
 - Acknowledgements (if applicable)-Funding sources, collaborators, or contributors to the work

Authors are encouraged to use visual elements such as diagrams, photographs, illustrations, and infographics to effectively communicate their ideas and research outcomes.

Detailed poster size and formatting guidelines will be shared with authors after acceptance.

- The presenting author should be available during the designated poster evaluation session.

Evaluation Criteria

- Scientific merit
- Originality

- Visual presentation
- Organisation and clarity
- Interpretation of results
- Innovation
- Overall impact

Abstract Submission Guidelines

- Abstracts must present original and unpublished work.
- Maximum word limit: **250–300 words**.
- Use a structured format:
 - Background
 - Objectives
 - Methods
 - Results
 - Conclusion
- Include title, author names, affiliations, and the corresponding author's email.
- Keywords: 3–5.
- Submit abstracts through the conference submission portal before the deadline.

Important Dates

- Abstract Submission Opens: **13th July 2026**
- Last Date for Abstract Submission: **31st August 2026**
- Notification of Acceptance: **21st September 2026**
- Conference Date: **15th November 2026**

Registration

Only registered participants with accepted abstracts will be eligible to present their work.

Contact

For queries related to abstract submission, presentations, or registration, please contact:

Conference Scientific Committee

Email: confluence@kmct.org