

MTME
INTERNATIONAL CONFERENCE

MTME-2025 CALL FOR PAPERS

3rd International Conference on
Modern Technologies in
Mechanical & Materials
Engineering

THEME

- ✓ Materials
- ✓ Design and Manufacturing

SUB THEME

- ✓ Advanced Materials and Nanotechnology
- ✓ Energy and Environmental Materials
- ✓ Manufacturing and Processing Technologies
- ✓ AI and Computational Applications
- ✓ Thermal and Fluid Systems

CONFERENCE

**16th
17th**
April 2025

DEADLINE

3rd
March
2025

- ✓ Thermo-fluids
- ✓ Drives and Control

IMPORTANT DATE

3rd March
Abstract
Submission

3rd March
Full Length Paper
and Poster
Submission

11th March
Paper, Abstract
and Poster
Acceptance
Notification

25th March
Registration
Application
Deadline

3rd April
Camera Ready
Presentations/
Final Poster

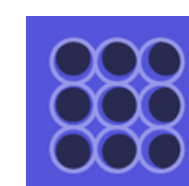
16th-17th April
Conference date

REGISTRATION FEE

- | | |
|-----------------------|------------|
| ✓ Full Length Paper | PKR 20,000 |
| ✓ Abstract (Oral) | PKR 10,000 |
| ✓ Poster Presentation | PKR 5000 |
| ✓ Participant | PKR 3000 |

ORGANIZED BY

Faculty of Mechanical
Engineering and Department of
Materials Science and
Engineering,
GIKI, Topi, Pakistan.



**materials
proceedings**
an Open Access Journal by MDPI

Submission Email

ali.turab@giki.edu.pk
hamza.mohsin@giki.edu.pk

More Information : <https://giki.edu.pk/mtme-2025/home/>



TOPICS

Advanced Materials and Nanotechnology

Nanomaterials, Quantum Materials, Biomaterials, Polymers, Composites, Electronic, Magnetic and Smart Materials.

Structural Analysis

Structural Health Monitoring, Failure Analysis, Sandwich Structures, and Machinability.

Energy and Environmental Materials

Renewable Energy Materials, Green Hydrogen Production, Energy Storage, Fuel Cells, and Sustainability.

Robotics, Automation and Control systems

Mechatronics, IoT, Digital Twin, AR/VR, Industry 4.0, Electromechanical Systems, EV Technology, Electrical Machines and Drives.

Manufacturing and Processing Technologies

Additive Manufacturing, Materials Processing, Composite Structures, and Advanced Coatings.

Electrochemistry and Surface Science

Thin Films, Electrochemistry, Sol-gel Technology, Photocatalysis, and Corrosion Protection. and Optical Materials.

AI and Computational Applications

AI in Materials Engineering, Computational Materials Science, and AI in Manufacturing and Design.

Sustainable Technologies and Recycling

Wastewater Treatment, Refining and Recycling, Green Technology, and Life Cycle Analysis.

Thermal and Fluid Systems

Thermodynamics, Heat-Mass Transfer, Microfluidics, Nanofluidics, and Solar Energy Systems.

Aerospace and Automotive Applications

Aerospace Materials, Aerodynamics, Automotive Engineering, and Fuel Technology.

ORGANIZING COMMITTEE

- ✓ Prof. Dr. S. M. Hasan Zaidi (Rector, GIK Institute)
- ✓ Dr. Taqi Ahmad Cheema (Dean, FME)
- ✓ Prof. Dr. Fahd Nawaz (Dean FMCE)
- ✓ Dr. Ali Turab Jafry (Associate Prof. FME)
- ✓ Dr. Hamza Mohsin (Assistant Prof. DMSE)

- Patron-in-Chief
- Technical Chair (Mechanical)
- Technical Chair (Materials)
- Conference Convener (Lead MTME)
- Conference Co-Convener

