

PAPERS FROM ACADEMIA

Academia and student authors intending to present Research Papers must submit the full paper in the prescribed format with maximum 10 to 12 pages by email (icdmb2026@gmail.com). All papers will be reviewed to ensure high standards. The plagiarism of the paper must be less than 15 percent and AI content must be zero. Authors are required to submit the revised manuscript in the prescribed format, addressing all the review comments to the Technical Committee for final acceptance.

PAPERS FROM INDUSTRY PERSONNEL/CONSULTANTS

Industry personnel, doctors and consultants in engineering design and biomedical field can submit full papers in the prescribed format via email (icdmb2026@gmail.com). All such papers will be peer reviewed by a panel comprising of experts from both Academia and Industry. Authors are required to submit the revised manuscript in the prescribed format, addressing all the review comments to the Technical Committee for final acceptance. Separate sessions will be scheduled for the presentation of these papers. Presentations comprising field experience, case studies, new developments/trends, etc., are welcome in this session.

THEMES OF THE CONFERENCE

The conference will cover all significant areas of Mechanical Design, Materials and Biomedical Engineering:

- Machine Design & Tribology
- Computational Mechanics
- Fracture Mechanics & Vehicle Dynamics
- Product Design & Development
- Advanced Composite Materials
- Materials Processing & Characterization
- Artificial Intelligence in Mechanical Engineering
- Artificial Intelligence in Material Science
- Robotics and Automation
- Design of smart materials
- Advanced materials for Biomedical applications
- Scaffold Design for Orthopaedic & Dental Applications
- Implant & Biomechanical Design
- Artificial Intelligence in Biomedical Engineering
- Any other emerging and relevant Topic

IMPORTANT DATES

Full paper submission : 30th April 2026
Registration of authors : 5th July 2026
Revised paper submission : 30th July 2026
Conference dates : 8th-9th Oct 2026

REGISTRATION FEE

Category	Registration fee (early)	Registration fee (last date)
Industry Professional/Scientist	₹ 8000/-	₹ 9000/-
Academicians (Faculty/Post doctorate)	₹ 6000/-	₹ 6500/-
Research scholars/Students	₹ 5000/-	₹ 6000/-
Accompanying Person & Participant	₹ 1500/-	₹ 1500/-
Academicians/Industrialist (Abroad)	US \$150	US \$200

Registration Details:

Bank Name: State Bank of India
Name: MANIT, Bhopal
Account Name: Director, MANIT Bhopal
Account Number: 10020150107
IFSC Code: SBIN0001608
SWIFT Code: SBININBB
IBAN Number: SBININBB268

Important Note: **"*ICDMB26 Registration Fee*" in the payment remarks.**



PUBLICATION

All selected papers will be considered for publication in reputed Scopus indexed Journals/Proceedings. Details will be updated soon on conference website.

ADDRESS FOR CORRESPONDENCE

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Full length paper needs to be submitted through the Microsoft CMT using the following link:
<https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FICDMB2026>

First Announcement and Call for Papers

International Conference

on

Advanced Design, Materials and Biomedical Engineering

ICDMB 2026

08-09th October 2026



Mode of Organization: Hybrid



Department of Mechanical Engineering

Maulana Azad National Institute of Technology
Bhopal - 462003 (Madhya Pradesh)

ABOUT ICDMB 2026

The Advanced Design, Materials, and Biomedical Engineering (ICDMB 2026) conference at MANIT Bhopal brings together researchers, industry experts, and academicians to explore emerging innovations in mechanical and biomedical engineering. The conference focuses on a wide range of themes including machine design, tribology, computational mechanics, fracture mechanics, vehicle dynamics, product design and development, advanced composites, nano-materials, materials characterization and processing. It also highlights modern advancements in artificial intelligence for mechanical systems, robotics and automation, smart material design, and biomedical fields such as scaffold development and implant biomechanics. ICDMB 2026 aims to provide a collaborative platform for exchanging ideas, showcasing research, and inspiring future technologies.

ABOUT THE INSTITUTE

Maulana Azad National Institute of Technology (MANIT), Bhopal, established in 1960, is a premier institution of national importance in technical education. It offers undergraduate, postgraduate, and doctoral programmes in Architecture, Planning, Engineering, Sciences, Computer Applications, and Management. The Institute collaborates with industries and international institutions and hosts Centres of Excellence in AI, Smart Manufacturing, Water Resource Management, and Cable Technology. Spread over a 650-acre campus, MANIT features advanced academic, research, and residential facilities, including a Central Computing and Research Facility, Data Centre, and an Incubation Centre promoting innovation and entrepreneurship.



ABOUT THE DEPARTMENT

Mechanical Engineering Department is one of the largest departments of the institute with a student strength of about 1000 (B. Tech 780, M. Tech 180 & Ph.D. 40 respectively), which will touch a higher strength in the next few years. While managing this increased strength, which is an urgent need of the nation, the department is committed to the well-being and all-around development of its students. Committed to the cause of value-based education in mechanical engineering, the department envisions itself as a fountainhead of innovative human enterprise, with inspirational initiatives for an all-around Academic Excellence.

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