

ABOUT THE INSTITUTE

Atal Bihari Vajpayee - Indian Institute of Information Technology & Management, Gwalior (ABV-IIITM Gwalior), a Deemed University, is an apex IT and Management Institute, established by the MHRD, Government of India. ABV-IIITM Gwalior is the foremost institution providing Technical and Managerial Education in the areas of Information Technology and Management, in India. The only institution of its kind in India, IIITM is at the vanguard of imparting superior quality higher education and pertinent skills. The institute is built on a sprawling 160 acre campus on the foothills of the famous Gwalior Fort.

ABOUT DEPARTMENT

The Department of Applied Sciences was established in July 2022; however, it was renamed as Department of Engineering Sciences (DoES) in June 2023. The Department is running 4 years B.Tech. (Mathematics and Scientific Computing) program and PhD programs in Engineering Sciences (Physics & Mathematics).

The department has a team of highly acclaimed researchers as the faculty members having broad research areas. The department has carried out and successfully completed a large number of sponsored research projects funded by national (DST, DST-SERB, DRDO, MHRD, CSIR) and international organizations.

ABOUT THE CONFERENCE

This conference is a unique platform that aims to bring together researchers, academicians, and professionals from mathematics, computer science, and interdisciplinary areas in sustainable development. The event seeks to explore the critical role that these disciplines play in addressing pressing global sustainability challenges. By fostering collaboration and innovation, the conference will highlight how mathematical and computational tools can contribute to solving real-world problems aligned with the United Nations Sustainable Development Goals (SDGs).

This two-day event will focus on interdisciplinary research, providing a space for participants to exchange ideas, present their latest findings, and form collaborations. The conference will showcase state-of-the-art advancements in mathematical modeling, AI, machine learning, and computational techniques, emphasizing their applications in areas such as climate change, resource management, and public health. It will also feature discussions on traditional mathematical approaches and their evolving relevance in contemporary sustainability challenges.

A key objective of the conference is to inspire and support young researchers. Early-career professionals and students will have the opportunity to present their work, receive constructive feedback, and engage with leading experts in the field. By nurturing talent and promoting innovative research, the conference aims to strengthen the role of mathematics and computation in sustainable development.

PATRON

Prof. S.N. Singh

CONFERENCE CHAIR

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CONVENERS

Dr. Anuwedita Singh Dr. Jeevaraj S

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CONFERENCE SECRETARY

Prof. Joydip Dhar

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Dr. Swati Yadav, IIT Bhilai



**ATAL BIHARI VAJPAYEE INDIAN INSTITUTE OF
INFORMATION TECHNOLOGY & MANAGEMENT,
GWALIOR**

INTERNATIONAL CONFERENCE ON MATHEMATICAL AND COMPUTATIONAL FRONTIERS FOR SUSTAINABLE DEVELOPMENT (MATHSD 2025)

DATE: 16 -17 OCTOBER 2025 (HYBRID MODE)

**ORGANIZED BY
DEPARTMENT OF ENGINEERING SCIENCES**

VENUE: ABV-IIITM GWALIOR



ABV-IIITM GWALIOR



HOW TO REGISTER?

Enroll in our portal using the link <https://mathsd25.iitm.ac.in/> or Scan the QR to be redirected to the website.



REGISTRATION FEES

FOR ONLINE PARTICIPANTS

	Student/Ph.D. Scholar	Faculty/Post Doc	Industry	International Participants
Attend	₹ 1000	₹ 1500	₹ 2000	\$100
Presenting a paper (without proceedings)	₹ 2000	₹ 3000	₹ 4000	
Presenting a paper (with proceedings)	₹ 2500	₹ 3500	₹ 4500	

FOR OFFLINE PARTICIPANTS

	Student/Ph.D. Scholar	Faculty/Post Doc	Industry	International Participants
Attend	₹ 1600*	₹ 2100	₹ 2600	\$200
Presenting a paper (without proceedings)	₹ 2600*	₹ 3600	₹ 4600	
Presenting a paper (with proceedings)	₹ 3000*	₹ 4000	₹ 5000	

ACCOMODATION

Accommodation is provided exclusively for students and research scholars. Faculty members and industry professionals who wish to stay on campus will be required to pay accommodation charges as per the institution's regulations. Detailed information regarding these charges is available on the conference website. Food and lodging will be provided free of charge to offline international participants in the institute.

IMPORTANT DATES

	Start Date	End Date
Abstract Submission	1 st Apr 2025	30 th Jun 2025
Camera Ready paper submission	15 th Apr 2025	15 th Aug 2025
Early Bird Registration	1 st May 2025	30 th Aug 2025
Late Registration	1 st Sep 2025	25 th Sep 2025

*An additional fee of ₹1000, along with the initial registration fee, will be charged to participants in the case of late registration.

CONTACT US

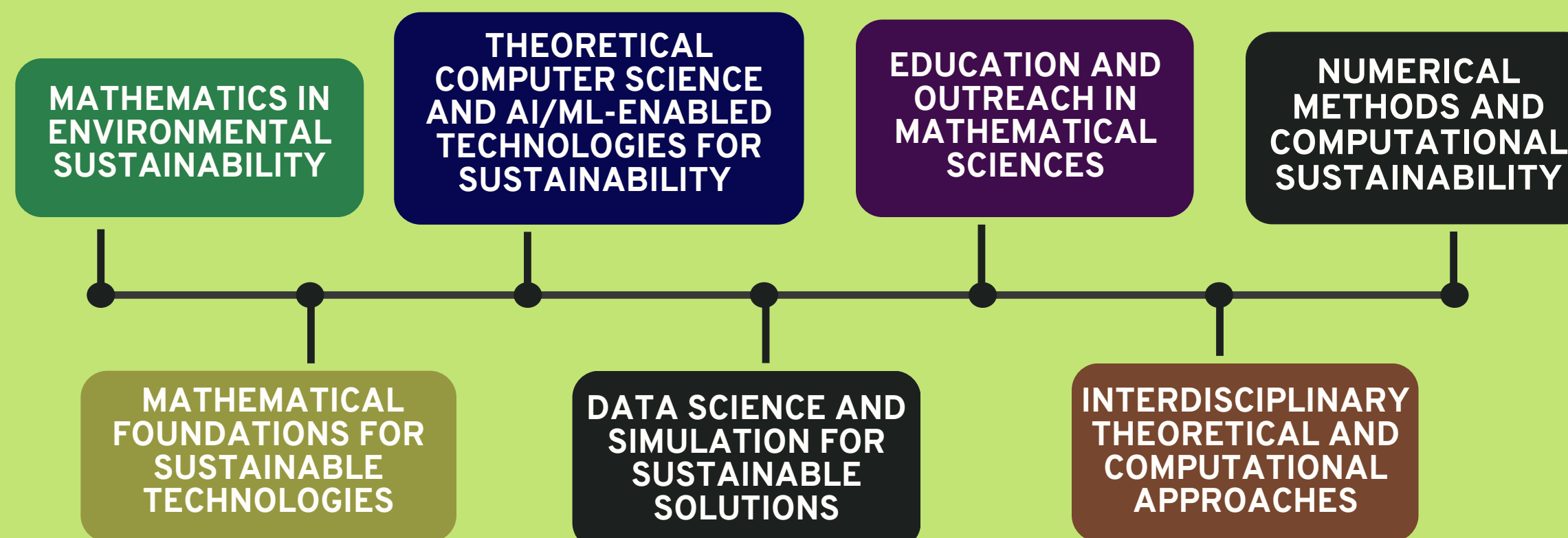
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CONFERENCE TRACKS



KEYNOTE SPEAKERS

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BAGLER,
IIIT DELHI**

**PROF. JOSE MARIA
MERIGO LINDAHL,
UTS AUSTRALIA**

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PUBLICATION PARTNERS

1. Mathematical Methods in Applied Sciences (SCI – Q1)*
2. Proceedings of Springer Nature*

*Publication approval from our partners is currently pending confirmation.

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