



International Conference on

Algebra and Topology with Applications in Artificial Intelligence (ICATAAI 2026)

Organized by
Department of Mathematics, MNNIT Allahabad



October 2-4, 2026

Organizing Committee

Patron	Prof. Rama Shanker Verma, Director, MNNITA.
Chairman	Head, Department of Mathematics, MNNITA
Convenors	Prof. Shiv Datt Kumar, MNNITA Dr. Surabhi Tiwari, MNNITA Dr. Prashanta Majee, MNNITA
Secretaries	Dr. Surabhi Tiwari, MNNITA Dr. Prashanta Majee, MNNITA
Organizing Members	All the Faculties of the Department of Mathematics



Contact Persons

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About the Conference

International Conference on Algebra and Topology with Applications in Artificial Intelligence (ICATAAI 2026) aims to provide a vibrant platform for mathematicians working in **Algebra and Topology** to connect, collaborate, and exchange innovative ideas. The conference seeks to inspire young researchers by highlighting recent breakthroughs in core mathematical disciplines and their wide-ranging applications. By fostering interdisciplinary dialogue, ICATAAI 2026 intends to bridge conceptual and methodological gaps between pure mathematics and its applications in the sciences and engineering. Key themes will include recent developments in **algebraic structures, ring and module theory, group theory, topological spaces, algebraic topology, topological methods in data analysis, functional analysis and operator theory**. The conference will also emphasize how modern analytical, algebraic, and topological techniques contribute to solving real-world problems in areas such as differential equations, mathematical modelling, dynamical systems, data-science, computer science and geometry. To support early-career researchers, ICATAAI 2026 will offer extensive opportunities for presenting research results and engaging with established experts in the field. Contributions are welcomed from both traditional and emerging areas of mathematics and its applications. Accepted papers will be scheduled for either oral or poster presentations based on reviewers' recommendations. A selected number of high-quality papers will be considered for publication in a reputable conference journal or proceeding.

Key Topics:

The conference invites original contributions in the fields of Algebra and Topology but not limited to, the following list:

- Commutative Algebra
- Algebraic Geometry
- Noncommutative Algebra
- Group Theory
- Representation Theory
- Number Theory
- Point-Set Topology
- Topological Algebra
- Algebraic Topology
- Topological Data Analysis
- Topological Methods in Science and Engineering
- Functional Analysis
- Operator theory
- Nonlinear Analysis
- Fixed Point Theory
- Variational Inequalities and Analysis

Keynote/Plenary Speakers

- Prof. J.K. Verma, IIT Gandhinagar
- Prof. S.P. Tiwari, IIT Dhanbad,

- Prof. Tarun Das, University of Delhi,
- Prof. S. K. Neogy, ISI Delhi
- Prof. D. R. Sahu, BHU
- Prof. C. Nahak, IIT Kharagpur
- Prof. V. Vetrivel, IIT Madras

Invited Speakers

- Prof. R. Pant, University of Johannesburg, South Africa
- Prof. Unsal Tekir, Marmara University, Istanbul, Turkey
- Prof. Hua-Lin Huang, Huaqiao University, China
- Prof. Ramji Lal (Retd.), University of Allahabad
- Prof. Ashish Kumar Upadhyay, BHU
- Prof. Chanchal Kumar, IESER Mohali
- Prof. Ashoke Ji Gupta, IIT BHU
- Dr. Sanjay Kumar Singh, IESER Bhopal
- Prof. Om Prakash IIT Patna
- Dr. L. K. Dey, NIT Durgapur
- Prof. Mohua Banerjee, IIT Kanpur,
- Prof. Rama Mishra, IISER Pune

Publication

Selected peer-reviewed full-length papers will be eligible for publication in the following SCOPUS indexed journal:

1. Latin American Journal of Mathematics.

We are in contact with few more journals. Please check the conference website for further updates.

Important Dates (Tentative):

- Conference Date: October 2-4, 2026
- Abstract Submission Start: 25th April, 2026
- Deadline of Abstract Submission: 10th June, 2026
- Acceptance notification of Abstract: 20th June, 2026
- Registration Start: 21st June, 2026
- Last date of Early Bird Registration: 10th July, 2026
- Last Date of submission of Full-length Manuscript: TBD
- Acceptance of Full-length Manuscript: TBD
- Deadline for Camera Ready Paper: TBD
- Registration End: 20th July, 2026

Registration details

Academicians, Research Scholars, Postdoctoral Fellows, Industry Professionals, and Scientists from AICTE/UGC/MoE-approved academic and research institutions are eligible to register for the conference.

Participants Category	Early-bird registration	Late registration
Research Scholar	₹ 4000+18% GST	₹ 5000+ 18% GST
Postdoc/Scientist/Faculty	₹ 5000 +18% GST	₹ 6000++18% GST
Industrial Person	₹ 6000 +18% GST	₹ 7000+18% GST
Foreigner	USD 200 +18% GST	USD 240+18% GST
Attendees	₹ 3000 +18% GST	₹ 4000+18% GST

Registration Link: <https://mnnit.ac.in/icataai2026/registration.html>

About MNNIT Allahabad, Prayagraj

Motilal Nehru National Institute of Technology Allahabad, Prayagraj, is an Institute with total commitment to quality and excellence in academic pursuits. It was established as the 17th Regional Engineering Colleges in India in the year 1961 as a joint enterprise of Government of India and Government of Uttar Pradesh, and was an associated college of University of Allahabad. With over 45 years of experience and achievements in the field of technical education, on June 26, 2002 MNREC was transformed into NIT and Deemed University fully funded by Government of India. With the enactment of NIT Act-2007, the Institute has been granted the status of Institution of National Importance *w.e.f.* 15.08.2007. The Institute has been recognized by the Government of India as one of the centres for the Quality Improvement Programme for M. Tech and Ph. D. The Institute was selected as a lead institution in the Design theme under Indo-UK REC Project (1994-99). The Institute was selected as a Lead Institution under World Bank funded Government of India Project on Technical Education Quality Improvement Programme (TEQIP) (2002-2007).

Bank A/C Details

Account Name	SNFCE MNNIT Allahabad
Account Number	10424975574
IFSC Code	SBIN0002580
Bank and Branch	SBI, MNNIT Allahabad
Swift code	SBININBB828

UIN-No: 32/International Conference (ICATAAI-2026)/Mathematics/2026-27/SNFCE

(Participants are requested to mention this UIN during the registration fee payment transaction to enable proper identification by the organizer)

- Registration fee is **Non-refundable**.
- Depending on availability, accommodation for the Participants will be made in the Hostels/Guest House of the institute. Charges will be applicable separately as per the institute rules.