



Workshop on

Advanced Methods in Integral Equations and Their Applications [WAMIEA - 2026]

Organized by
Department of Mathematics, IIT Jodhpur



August 17 – August 19, 2026
[HYBRID MODE]

Sponsored by: Anusandhan National Research Foundation

Organizing Committee

Patron	Prof. Avinash Kumar Agarwal, Director, IIT Jodhpur
Chairman	Dr. V. V. M. S. Chandramouli, Department of Mathematics, IIT Jodhpur
Convenor	Dr. Moumita Mandal, Department of Mathematics, IIT Jodhpur

Organizers

Department of Mathematics, IIT Jodhpur, Rajasthan, India			
Contact Points			
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About the Workshop

The workshop on “Advanced Methods in Integral Equations and Their Applications [WAMIEA - 2026]” will develop advanced skills in solving Fredholm, Volterra, and nonlinear integral equations using analytical and numerical techniques. It covers key methods such as Neumann series, transform techniques, and Galerkin approaches, along with applications in heat transfer, wave propagation, and fluid dynamics.

About the Department

The Department of Mathematics, IIT Jodhpur plays a significant role in advancing mathematical modeling and analysis with applications in computer science, engineering, and the basic sciences. The department encompasses a wide range of research areas, including algebra, dynamical systems, scientific computation, and data sciences. It offers high-quality postgraduate and doctoral programs aimed at fostering strong analytical abilities and advanced research competencies.

About IITJ

Indian Institute of Technology Jodhpur, established in 2008, is one of India’s premier institutes of technology. It offers undergraduate, postgraduate, and doctoral programs across engineering, sciences, and humanities. The institute is known for its strong emphasis on research, innovation, and interdisciplinary learning, contributing to technological advancement and national development.

Key Topics

- Theory and Analysis of Integral Equations
- Analytical and Numerical Solution Techniques
- Computational and Scientific Computing Methods
- Mathematical Modelling and Simulation
- Applied Mathematics in Science and Engineering
- Data-Driven and Computational Approaches
- Interdisciplinary Applications and Real-World Problem Solving

Advisory Committee/Resource Persons

- **Prof. Mohan Joshi**, IIT Bombay
- **Prof. M. Thamban Nair**, BITS Pilani, Goa Campus
- **Prof. Amiya Kumar Pani**, BITS Pilani Goa Campus
- **Prof. B. V. Ratish Kumar**, IIT Kanpur
- **Prof. Gnaneshwar Nelakanti**, IIT Kharagpur
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- **Prof. M. P. Rajan**, IISER Thiruvananthapuram
- **Prof. Gaurav Bhatnagar**, IIT Jodhpur
- **Prof. Kirankumar R Hiremath**, IIT Jodhpur
- **Prof. Puneet Sharma**, IIT Jodhpur
- **Prof. Bijaya Laxmi Panigrahi**, Gangadhar Meher University
- **Dr. Amit Maji**, IIT Roorkee
- **Dr. Ambuj Pandey**, IISER Bhopal
- **Dr. Abhinav Jha**, IIT Gandhinagar

Important Dates

- **Last Date for Registration:** 5th August 2026
- **Confirmation of Participation:** 7th August 2026
- **Workshop Dates:** 17th August–19th August 2026
- **Reporting / Registration:** 17th August 2026 (Morning)
- **Valedictory Session:** 19th August 2026

Registration details

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

Early-bird Registration Fees

Participants Category	Offline	Online
Research scholars	Rs. 2500+18%GST	Rs. 2000+18%GST
Faculty/Academicians	Rs. 3000+18%GST	Rs. 2500+18%GST
Industrial Participants/R&D	Rs. 4000+18%GST	Rs. 3500+18%GST
Foreign Participants	USD 177 (USD 150+18% GST)	USD 118 (USD 100+18% GST)

Late Registration Fees

Participants Category	Offline	Online
Research scholars	Rs. 3500+18%GST	Rs. 3000+18%GST
Faculty/Academicians	Rs. 4000+18%GST)	Rs. 3500+18%GST
Industrial Participants	Rs. 5000+18%GST)	Rs. 4500+18%GST
Foreign Participants	USD 189 (USD 160+18% GST)	USD 130 (USD 110+18% GST)

**Registration fees include registration kit, accommodation and food.*

Registration Link

<https://form.qfixonline.com/amietawamiea26>

Or
Scan the QR Code

