

## About MNIT JAIPUR

Malaviya National Institute of Technology Jaipur is one of the premier NITs, designated with the status of "Institute of National Importance" through an act of parliament. The institute was established in 1963, and its campus spreads over 325 acres of lush green area in the central location of Jaipur city. The institute offers undergraduate and postgraduate courses (B.Tech., M.Tech. /MBA / M.Sc. & Ph.D.) to about 4500 students, in leading fields of technology, architecture, & sciences. Through the engineering, internationally renowned faculty, laboratories with state-of-art equipment, and excellent infrastructure, the institute is actively engaged in research, consultancy, and developmental activities, besides imparting regular teaching.

## About the Department

The Department of Mathematics was established in 1963. The Department was one of the two Departments, which were established along with the establishment of the college in Jaipur. The faculty members of the Department are teaching mathematics to about 1500 undergraduate and postgraduate students. The Department has produced more than 70 PhDs so far. The Department offers M.Sc. in Mathematics and also offers Ph.D. in varied areas like Functional Analysis, Topology, Bicomplex Analysis, Linear Algebra, Special Functions, Integral Transform, Fractional Calculus, Computational Statistical methods and Fluid Dynamics.

## Organizing Committee

- **PATRON**
  - Prof. N.P. Padhy  
Director, MNIT Jaipur
  
- **Co-PATRON**
  - Dr. Vatsala Mathur  
HoD, Mathematics
  
- **Coordinators**
  - Dr. Anubha Jindal
  - Dr. K. Palpandi
  - Dr. Varun Jindal

A  
Five-Day International  
Online Workshop  
On  
***Trends in Analysis  
And Topology***  
**8-12 September 2022**



Organized by  
**Department of Mathematics**



**Malaviya National Institute of  
Technology Jaipur**

**Last Date of  
Registration: 5<sup>th</sup>  
September 2022**

## About the Workshop

The main goal of this workshop is to provide participants with the necessary exposure to various current trends in Analysis and Topology. The workshop will specifically cover topics related to fixed point theory, operator theory, Sobolev spaces, measure theory, hyperspace and function space topologies, topological dynamics, etc. Researchers across the world are actively engaged in conducting research in these areas. We believe that after attending this workshop, participants will be familiar with various research directions in these fields and will acquire the necessary knowledge for pursuing research in these areas. As a result, the workshop may play a significant role in the advancement of research in these fundamental areas of mathematics.

## Objectives of the Workshop

- To motivate the young participants for higher studies in Analysis and Topology.
- To develop the ability of creative and critical thinking in these areas.
- To provide a strong foundation of fundamental concepts that will aid in the pursuit of advanced research in these fields.

## E-Certification

E-certificates will be provided to the participants having a minimum of 80% attendance.

## Target Audience

The workshop will be especially beneficial for graduate students, researchers, and faculty members with a keen interest in Analysis and Topology.

## Resource Persons

- **Prof. Gerald Beer**  
California State University, Los Angeles
- **Prof. S. Kesavan**  
IMSc. Chennai
- **Prof. Ljubisa Kocinac**  
University of Nis, Serbia
- **Prof. Pratulananda Das**  
Jadavpur University, Kolkata
- **Dr. Puneet Sharma**  
IIT Jodhpur
- **Dr. S. Rajesh**  
IIT Tirupati
- **Dr. Rajeev Gupta**  
IIT Goa
- **Dr. S. P. S. Kainth**  
Panjab University, Chandigarh



## Registration Details

- **Registration fee** (non-refundable)
  - PG Students: INR 500/
  - Research Scholars, Faculty: INR 1000/-
  - International Participants: USD 20
- **Mode of payment**  
The registration fee must be paid through online payment as per the following details:
  - **Account Name:** Registrar Sponsored Research
  - **Account Number:** 676801700388
  - **IFSC Code:** ICIC0006768
  - **Bank:** ICICI Bank Ltd. MNIT Branch Jaipur
- **Registration Form**  
Interested participants can register, on or before 5<sup>th</sup> September 2022, through Google form available at the following link.

<https://forms.gle/mV3nB5nzuTLSUnB29>

## Contact Details

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M.No. 9549650644

**Last Date of Registration: 5<sup>th</sup> September 2022**