

# Indian Institute of Technology Indore

## Department of Mathematics



**Ph.D. Admissions**  
**April 2025**

# 1. Research Areas

**Time Frequency Analysis & Harmonic Analysis**

**Mathematical Logic**

**Dynamical Systems and Modeling**

**Machine Learning and Deep Learning**

**Numerical Linear Algebra**

**Complex Analysis and Special Functions**

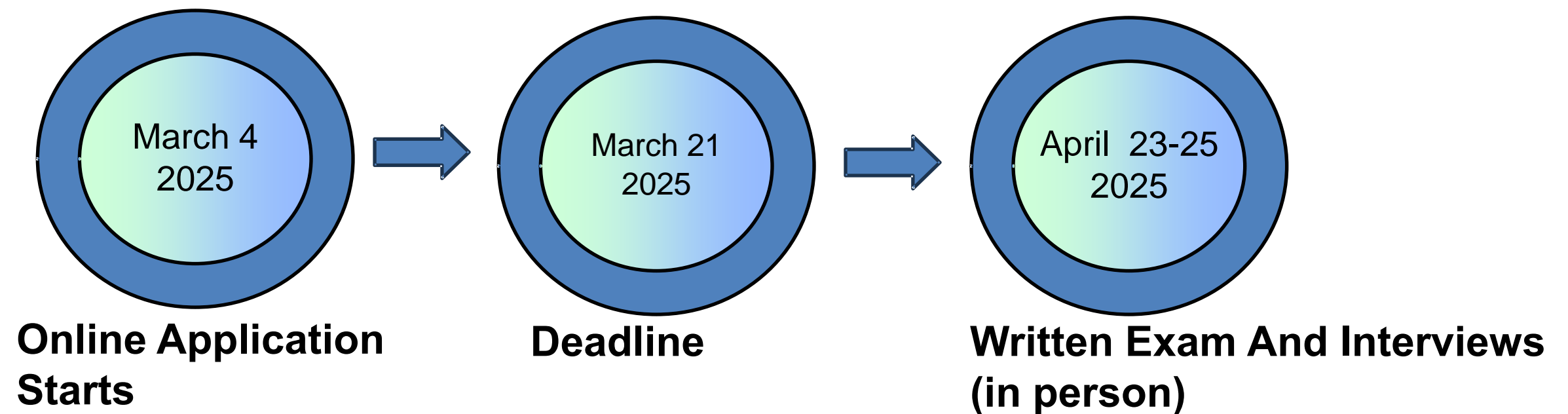
**Applied Mathematics: Applied PDE, Mechanics of Solids, Mathematical Theory of Waves**

**Probability Theory & Stochastic Processes,  
Stochastic PDEs**

# 2. Application Procedure

- A candidate must apply ONLINE through the website (<http://academic.iiti.ac.in:8080/nregistration.jsp>). This will generate a unique application number for each applicant.
- Application Fee: The details are available at <https://academic.iiti.ac.in/phdadvt.php>.
- A shortlisted candidate must arrange recommendation letters from at least two referees with whom he/she has had academic interactions at least for a year. The candidate should request his/her referees to send recommendation letters using the link <https://forms.gle/L8x8VSugpyqvCb3C8>

## Key Dates:



# 3. Minimum Educational Qualification And Qualifying Examination

## **INDIAN APPLICANTS:**

- Masters' degree in Mathematics, Statistics, Computer Science or other field relevant to Mathematical Sciences (with first division as defined by the awarding Institute/ University) AND valid GATE qualification OR valid CSIR-NET/UGC-NET (Lectureship/Assistant Professorship/) OR valid UGC-JRF/ CSIR-JRF OR Equivalent Fellowship OR
- Masters' degree in Engineering/ Technology (with first division as defined by the awarding Institute/ University) AND GATE qualification OR
- Bachelors' degree in Engineering/ Technology (with first division as defined by the awarding Institute/ University) AND valid GATE qualification

## **INTERNATIONAL APPLICANTS:**

- MEQ: Masters' degree in Mathematics, Statistics, Computer Science or other field relevant to Mathematical Sciences (with first division as defined by the awarding Institute/ University). QE: Valid TOEFL/IELTS OR equivalent qualification OR Valid GATE qualification OR
- Masters' degree in Engineering/ Technology (with first division as defined by the awarding Institute/ University). QE: Valid TOEFL/IELTS OR equivalent qualification OR Valid GATE qualification
- For more information please visit: <http://academic.iiti.ac.in/phdadvt.php>

# 4. Important Information And Institute Facilities

## Important Information & Institute Facilities:

- Detailed Ph.D. admission information: <http://academic.iiti.ac.in/phdadvt.php>
- Shortlisted candidates will be informed by email. List available at: <http://math.iiti.ac.in/>
- Hostel information: <http://hostel.iiti.ac.in/>
- Safety & Security: <http://safety.iiti.ac.in/>
- Medical facilities: <http://people.iiti.ac.in/~medical/>
- Alumni Association: <https://alumni.iiti.ac.in/>

## Address for Correspondence:

Prof. Vijay Kumar Sohani  
DPGC Convener, Department of  
Mathematics, IIT Indore  
Khandwa Road, Simrol,  
Indore-453 552, Madhya Pradesh, India

Phone No: +91 7316603227

**Email: [admission-maths@iiti.ac.in](mailto:admission-maths@iiti.ac.in)**