



भारतीय प्रौद्योगिकी संस्थान इंदौर

खंडवा रोड, इंदौर 453 552

Indian Institute of Technology Indore

Khandwa Road, Simrol

Indore 453 552

Office: +91 731 2438 733

Fax : +91 731 2438 721

IIT Indore

Advt. No.: IITI/Math/2025/RA01

Dated: 10-June-2025

Advertisement for a Postdoctoral Research Associate Position under the SERB sponsored project

IIT Indore invites applications from highly motivated, sincere, hardworking and research-oriented candidates for the position of a postdoctoral **Research Associate** to work with **Dr. Santanu Manna, Department of Mathematics, IIT Indore.**

Project title:	Theoretical Study of Controlling Elastic Wave Vibrations by Metasurfaces
Funding agency:	Anusandhan National Research Foundation (SERB), New Delhi, India
Position:	Research Associate (One Post)
Project details:	<ul style="list-style-type: none">Developing numerical methods to solve the system of nonlinear partial differential equations.Knowledge of Finite Elements Method for solving wave propagation problem.Developing of asymptotic/perturbation methods for near-surface wave fields solutions.Control the vibration behaviour of the surface waves with the help of metasurface.Knowledge of elasticity and solid mechanics.
Qualifications:	PhD in Mathematical Science and Engineering (with strong mathematical background) with publications in reputed journals
Emoluments:	Monthly Rs. 58,000/- + HRA (as applicable)
Duration:	One year (Extendable up to another one years or till the end/termination of the project whichever is earlier based on the performance).
Application procedure:	<p>Interested candidates are requested to apply with a detailed CV along with publications and all the self-attested marks sheets/ certificates to https://forms.gle/noBZFyUgngXEWvcA latest by June 30, 2025.</p> <p>Candidates should request two referees for sending their recommendation letters to santanu@iiti.ac.in</p>
Additional information:	<ul style="list-style-type: none">The deadline for submitting applications is June 30, 2025If you do not receive any acknowledgement immediately after submitting your application, feel free to contact to Dr. Santanu Manna (santanu@iiti.ac.in).Only shortlisted candidates will be called for in-person interview. Selected candidates will be intimated by email.No TA/DA will be paid for appearing the interview.The Institute reserves the right to fill or not to fill the post advertised.