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IIT Indore

Advt. No.: IITI/Math/AMG/2025/03

Dated: 19-Sept-2025

Advertisement for a Postdoctoral Research Associate Position under the ANRF (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. Candidates who have submitted their PhD thesis may also be eligible, provided they are suitable for the project.
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:	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/bvYYBCWSzJkyk8Fi7 latest by October 08, 2025. Candidates should request two referees for sending their recommendation letters to santanu@iiti.ac.in
Additional information:	<ul style="list-style-type: none">• The deadline for submitting applications is October 08, 2025• If 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.