



भारतीय प्रौद्योगिकी संस्थान इंदौर

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IIT Indore

Advt. No.: IITI/Math/2024/RA01

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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:	Science and Engineering Research Board (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 two 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/G1zqfBhfRdwEBmGx5 latest by March 31, 2024. 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 March 31, 2024• If you do not receive any acknowledgement immediately after submitting your application, feel free to contact to Dr. Santanu Manna (contact no. +91 8878095886).• Only shortlisted candidates will be called for an interview. Selected candidates will be intimated by email.• No TA/DA will be paid if the interview is conducted through offline mode.• The Institute reserves the right to fill or not to fill the post advertised.