



Indian Institute of Technology Indore

*Khandwa Road, Simrol
Madhya Pradesh
Indore 453552*

Advertisement for a Postdoctoral Research Associate position under 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. Bapan Ghosh, Department of Mathematics, IIT Indore.

Project title	Delay Differential Equation Models in Population Dynamics: Theory, Methods and Computations
Funding agency	Science and Engineering Research Board (SERB), New Delhi, India
Position	Research Associate (one post)
Project details	<ul style="list-style-type: none">• Formulating some population dynamics models using ordinary, partial and fractional differential equations involving time-lag• Investigating different bifurcations in mathematical models and establishing new theory in ecological systems• Developing algorithms to solve delay differential equations numerically
Qualifications	PhD in Mathematical Science with publications in reputed journals
Emoluments	Monthly Rs. 47,000/- + HRA (as applicable)
Duration	One year (extendable up to another two years or till the end/termination of the project whichever is earlier).
Application procedure	Interested candidates are requested to send a detailed CV along with publications and all the self attested marks sheets/ certificates to keshsb.bapan@iiti.ac.in latest by February 01, 2021 . Candidates should request two referees for sending their recommendation letters to keshsb.bapan@iiti.ac.in
Additional information	<ul style="list-style-type: none">• 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.