

Advt. No.: ABV-IIITM Gwalior/ES/2025/RA01

Dated: 01/12/2025

Advertisement for Postdoctoral Research Fellow

ABV-IIITM Gwalior invites applications from highly motivated, sincere, hardworking and research-oriented candidates for the position of a **Postdoctoral Research Fellow (PDF)** to work under the project “**Modelling extreme weather events in fishery dynamics**” funded by International Growth Centre, LSE, United Kingdom

Project title:	Modelling extreme weather events in fishery dynamics
Funding agency:	International Growth Centre, LSE, United Kingdom
Investigators	Dr. Purnedu Mishra (PI), Dr. Anuwedita Singh and Dr. Barkha Tiwari (Co-PIs)
Position:	Postdoctoral Research Fellow (One Post)
Project details:	India’s fisheries, though increasingly productive, face mounting threats from cyclones and marine heatwaves that disrupt catches and livelihoods, especially for small-boat fishers and women processors. This project aims to build the country’s first dynamic, data-driven model to forecast fishery outcomes under extreme weather, informing adaptive policy through bio-economic simulations calibrated to two decades of landings and revenue data.
Qualifications:	PhD in Mathematical Science and allied subjects (with strong background in mathematical/computational modeling) with good publication record in SCI/SCIE journals. Candidates having expertise in dynamical systems, data science and machine learning will be preferred.
Remuneration:	Rs. 60,000/Month (a fixed consolidated). No HRA or additional allowances are applicable.
Duration:	1 year (Initially for 6 months extendable up to maximum of 1 year or until the completion/termination of the project, whichever comes earlier).
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/XW1pHvgGRna22Gpf7 latest by December 16, 2025 . Candidates should request two referees for sending their recommendation letters directly to pmishra@iiitm.ac.in before December 18, 2025.
Additional information:	- Only shortlisted candidates will be called for online interviews. Selected candidates will be intimated by email. - The rules and guidelines of the sponsoring agency as well as ABV-IIITM governing Postdoctoral Fellows will be applicable to the Postdoctoral Research Fellow. - A one-month notice period is required from either side for termination of the engagement. - The Institute reserves the right to fill or not to fill the post advertised. - The position involves travel for data collection. Candidates should be willing to travel; all research-related travel expenses will be covered.