



**Birla Institute of Technology & Science, Pilani, Pilani Campus**  
**Grants Consultancy and Industrial Research (GCIR)**

**CALL FOR POSTDOCTORAL POSITION**

**Date: 31 Jan 2025**

<b>About:</b> Applications are invited from interested and motivated candidates for the post of Postdoctoral Researcher in a time-bound research project for a temporary period purely on a contractual basis as per the following details:	
<b>Position:</b>	Postdoctoral Researcher
<b>Number of Vacancies:</b>	<b>01</b>
<b>Project Title:</b>	<b>Eco-hydro-climatological modeling framework in the upper Narmada River basin</b>
<b>Funding Agency:</b>	The Nature Conservancy, TNC India
<b>Principal Investigator:</b>	Dr. Rallapalli Srinivas, Department of Civil Engineering, BITS Pilani
<b>Project Tenure:</b>	6 months (Feb mid-Aug), extendible based on funding agency
<b>Job Description:</b>	<p>This project involves development of eco-hydrological for Upper Narmada River Basin while incorporating climate change. The work involves data collection from the field as well as secondary sources (satellite images, govt. data). The Postdoctoral researcher will be responsible for the rigorous data collection and modeling using state of the art hydrological models. Precisely, the project would develop:</p> <ul style="list-style-type: none"><li>- Open-source geospatial database repository for the Upper Narmada River basin.</li><li>- Delineation degraded hotspots for regulating the impact of anthropogenic activities on ecohydrology.</li><li>- Developing e-flow scenarios in the context of major dam infrastructures on the river.</li><li>- Developing ecological thresholds and targets to enhance sustainable groundwater management practices</li></ul>
<b>Qualification:</b>	Ph.D. in Water Resources/Environment and Water Resources/Hydrology/ Geoinformatics or allied fields. Candidates having strong skills and experience in machine learning, hydrological modeling, ArcGIS, remote sensing would also be preferred.
<b>Upper Age Limit</b>	Age not exceeding 38 years as of the date of interview. Age relaxation is allowed for up to 5 years for SC/ST/PH/OBC/WOMEN candidates.
<b>Fellowship:</b>	₹ 48,000 per month
<b>Joining:</b>	Selected candidates must join within a week of the interview.

**How to Apply:**

Applications along with updated CV should be sent by mail to [r.srinivas@pilani.bits-pilani.ac.in](mailto:r.srinivas@pilani.bits-pilani.ac.in) with the subject of the mail as '*Application for Postdoctoral Researcher – TNC Project*'.

Shortlisted candidates will be informed of the interview. Interviews would be held between Feb 7–12, 2025. Candidates will be shortlisted based on their merit and as per the requirement of the project. Please note that only qualified and suitable candidates will be called for an interview.

**Application Deadline: 6 Feb 2025**

**Contact Email: [r.srinivas@pilani.bits-pilani.ac.in](mailto:r.srinivas@pilani.bits-pilani.ac.in)**

