



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA

[An Institute of National Importance under Ministry of Education, Govt. of India]

Sector 1, Rourkela, Sundergarh Dist., Odisha 769 008

SPONSORED RESEARCH INDUSTRIAL CONSULTANCY CONTINUING EDUCATION

NITR / SR / 2026 / Advt.- 26CS009 / L / 046

dt. 25-Jun-2026 Ref: FTS 260618-0008

SR-R03

Advertisement for Recruitment of Project Position

Candidates who fulfill the below mentioned criteria may submit the application form before the last date. Engagement will be purely on temporary / contractual basis and co-terminus with the completion of the project. Candidates are advised to go through the advertisement details carefully before applying.

1.	Title of the Project:	Modelling and Predicting Glacial Lake Outburst Flood (GLOFs) in High Mountain Asian Region using Ensemble Machine Learning.
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2.	Project Code, Dept. with Closing Date:	SR/26/CS/009	30/06/2026	Computer Science and Engg.
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3.	Funding Agency Details:	MoES	MoES, GOI
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4.	PI details:	Prof. Arun Kumar	kumararun@nitrrkl.ac.in, 0661-246 2373
		9971867785	- @ gmail.com

5.	Co-PI details:	Prof. Bhisma Tyagi, Earth and Atmospheric Sciences	tyagib@nitrrkl.ac.in, 0661-246 2934
		7327987797	- @ gmail.com

6.	Details of the Post(s):	7. Educational Qualification & Working Knowledge
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Junior Research Fellow (PhD)		Essential Qualification (s):
[Name of the Post(s)]		

02 (Two)	03 Year(s), 00 Month(s)	1. First class In Matriculation and +2. 2. B.Tech/B.E in CSE/IT/AI/DS/Atmospheric Science/Oceanography/Remote Sensing with minimum CGPA of 6.5 or 60% with valid GATE Score or M.E/M.Tech in CSE/IT/AI/DS/Atmospheric Science/Oceanography/Remote Sensing with minimum CGPA of 7.0 or 65% from a recognized Technical Institute/University.
[No. of Post(s)]	(Tenure of Post)	

Year 1 & 2	INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)
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Year 3	INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)
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Job Description:	Desirable Qualification:
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1. Develop and benchmark advanced ensemble machine learning models for predictive frameworks tracking Glacial Lake Outburst Floods (GLOFs).
2. Integrate spatial-temporal data layers including historical event data, satellite imaging, precipitation, glacial melt rates, and topographical features.
3. Perform high-dimensional feature analysis and parameter optimization for model validation and transferability.
4. Coordinate with numerical weather modeling pipelines to add predictive value to current risk hazard assessment structures.
5. Assist the Principal Investigator (PI) in preparing technical progress reports, project deliverables, and research manuscript publications.

Online	Interview details:	09-Jul-2026	10:00 AM	Department of Computer Science and Engg.
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Application link for eligible candidate(s): [NIT Rourkela Homepage](#) ⇒ [FACULTY & STAFF](#) ⇒ [SRICCE](#) ⇒ [Career](#) ⇒ [Notices](#)
 The candidate(s) are required to send the complete filled and signed application (soft copy) with documents regarding educational qualification indicating percentage of marks / division (mark-sheets and / or certificates), research papers (if any), work experience certificate (if any) etc., This may be built as a single PDF file and sent by email with "Advertisement No." on the subject link to the above mentioned e-mail IDs. NO hard copies of application(s) are required to be sent to the Institute. Last date for submitting the Application: **06-Jul-2026**

The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum prescribed educational qualifications for that position. Mere possession of minimum qualification does not guarantee invitation to the interview. Candidates will be short listed based on merit and need of the project. Selection / Joining will be cancelled in case of any suppression of information / document submitted.

NIT Rourkela reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post. Only short-listed candidates will be informed for Online interview. In case, any clarification is required on eligibility regarding the above post, the candidate may contact in the above mentioned details.

Age Guideline: The upper age limit for applying for the award of project position shall be 30 years, which is relaxed up to 5 years in the case of candidates belonging to Schedule Castes / Schedule Tribes / PWD and Female applicants whereas 3 years in the case of OBCs (Non-creamy layer candidates). Upper age limit shall be reckoned as on the last date of receipt of applications.

Any other terms & conditions governed as per guidelines issued by the funding agency for the engagement of above position as amended from time to time shall be in force towards this temporary recruitment.

Sd/-
Asst. / Dy. / Jt. Registrar (SR)

- Copy to:**
- PI & CO- PI: Prof. Arun Kumar, CS & Prof. Bhisma Tyagi, Earth and Atmospheric Sciences ER ➤ Chairman, DRC, Dept. of CS
 - Head of the Department / Centres / Units (It is requested that the contents of the above advertisement be brought to the notice of the staff(s) / student(s) working in your Deptt. / Centre / Unit.)
 - Dealing Seat (SR – Project Recruitment) ➤ Advertisement File ➔ *To publish advertisement at NITR website.*