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**INDIAN INSTITUTE OF TECHNOLOGY ROPAR**

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-140001/Nangal Road, Rupnagar, Punjab-  
140001

**ADVERTISEMENT**

Applications are invited from Indian nationals for the following position to work on the DST National Geospatial Programme (NGP) project titled “**Deep Learning Based Automated Mapping of Glacial Lakes in Himalayas**” under the supervision of Dr. Reet Kamal Tiwari, IIT Ropar and Dr. Narayanan C Krishnan, IIT Palakkad.

The position is purely temporary and is initially for a period of one year. The duration may be extended further if the performance of the candidate during the first year is found satisfactory. Please note that the maximum duration of the project is 3years.

**Post # 1: Junior Research Fellow (JRF)**

**Position:** 1

**Duration:** Initially for a period of one year, extendable to one/two more year depending on the performance of the candidate.

**Emoluments:** Rs. 31,000 (p.m. +8 % HRA if student does not get campus accommodation)

**Essential Qualifications:** M.Tech/M.E./B.E./B.Tech or equivalent with specialization in Geomatics Engineering, Data Sciences, Computer Sciences or similar areas with 60% marks (or 6.5 grade point out of 10) selected through (i) GATE (ii) selection process through national level examinations conducted by central government departments and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.

**Desirable Qualifications:** Experience of Artificial Intelligence and Machine Learning application and coding Experience.

**How to Apply?**

Application form is given on the following sheet. To apply, send the following by email to the undersigned:

1. Completely filled application form (given on the following sheet).
2. Detailed CV (detailing prior research experience).
3. Statement of purpose (preferably 1 page long).
4. Copy of all degree certificates.

Put all the above documents in a single .pdf file. Write “*Application for JRF\_ your name*” in the subject of your email and send to the email mentioned in the end.

**Last date for receipt of application:15 December 2023**

**Date of Interviews of shortlisted candidates: Will be announced later.**

**Venue:**The Interview will be in online mode.

- Please note that **no TA/DA** will be given to the candidates called for interview.
- Hard copy submission is not accepted.
- Deserving candidates will be considered for PhD/MS admissions at a later stage if they meet all the institute requirements.
- Work Location will be IIT Palakkad under the supervision of Dr. Dr. Narayanan C Krishnan, Department of Data Sciences.

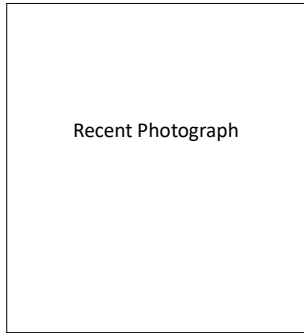
**For queries, please contact:**

Dr. Reet Kamal Tiwari  
Email: [reetkamal@iitrpr.ac.in](mailto:reetkamal@iitrpr.ac.in)  
Mob.: 9458159323

**Dr. Reet Kamal Tiwari**  
**Principal Investigator**

Assistant Professor,  
Department of Civil Engineering,  
Indian Institute of Technology Ropar  
Nangal Road, Rupnagar, Punjab 140001, India  
Email: [reetkamal@iitrpr.ac.in](mailto:reetkamal@iitrpr.ac.in)

**Application form for the post of Junior Research Fellow in DST- NGP sponsored project –“Deep Learning Based Automated Mapping of Glacial Lakes in Himalayas”**



**Personal Details**

Full Name (In capital)		
Date of Birth (DD/MM/YY)		Category (General/SC/ST/OBC)
Age (in years)		Gender (Male/Female)
Marital Status (Single/Married)		Nationality
Address for Communication		Permanent Address
Mobile/ Phone No.		Email:

**Details of School/University/Institute Studied (From Matriculation Onward)**

S. No.	Degree	Discipline	University/Institute	Regular/ Part-time	Year	%Marks /CGPA*	Division
1.							
2.							
3.							

4.							
5.							

*\*[Please also submit softcopy of the semester-wise mark-sheets as well as softcopy of degree]*

**National examination (GATE/CSIR/UGC/LS-NET/Others), if any:**

Qualifying Examination (& name of subject)	Branch	Year	Valid Up to	Percentile (& Score)	All India Rank

**Professional Experiences (Teaching/Research/Industrial), if any**

Name of Organization	Designation	Nature of Work	From	To

**Research Publication (if any):**

*[Also attached softcopy of conference/journals papers separately (if applicable)]*

**Awards, patents, prizes etc (if any):**

**Any other Relevant Information:**

**DECLARATION**

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the Institute. I note that the decision of the Institute is final in regard to selection for admission and assignment to a particular Department and field of study. The Institute shall have the right to expel me from the Institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the Institute is not desirable. I agree that I shall abide by the decision of the Institute, which shall be final.

Place: .....

Date: .....

Signature of Applicant