



भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR
नंगल रोड, रूपनगर, पंजाब-140001/Nangal Road, Rupnagar, Punjab-140001

ADVERTISEMENT FOR THE POSITION OF JRF

Applications are invited from Indian nationals for the position of Junior Research Fellow (JRF) in the Department of Civil Engineering, IIT Ropar under the Science and Engineering Research Board (SERB) Sponsored Project titled “*Development of an algorithmic procedure to extract Geomorphological attributes governing floods in headwater catchments and evaluating their potential in predicting design floods at ungauged locations*”. The position is purely temporary and it is initially for 6 Months and may be extended upon satisfactory performance after review.

About the Project:

Post: Junior Research Fellow (JRF)

Position(s): 1

Duration: 6 Months and extendable up to a maximum of 36 Months or project closure date, whichever is earlier

Emoluments: Consolidated Rs. 37,000/- per month

Essential Qualifications:

- M.E./M.Tech. in Water Resources Engineering or Remote Sensing and GIS or Equivalent from a recognized institute and with an exceptionally good academic record with a minimum CGPA of 7.0 on a 10.0-point scale (or 70% marks) in their Master degree + good GATE score.
- Bachelor's degree in Civil Engineering or Equivalent from a recognized institute and with an exceptionally good academic record with a minimum CGPA of 7.0 on a 10.0 point scale (or 70% marks) with good GATE score.

Desirable Qualifications: (not mandatory but will be given preference)

- Hands on experience on GIS applications, Surface Water Hydrology applications (Proof: Portfolio and/or experience certificate).
- Exposure to coding in MATLAB, Python, R, etc.

Nature of Work: The JRF will be assisting PI in various project related work, such as: Collection of GIS data, GIS tool development, Flood frequency Analysis, Preparation of technical reports, any other project related activities, etc.

Review of Performance: Performance of the candidate selected for the post will be reviewed after six months of joining by the review committee and the tenure will be extended accordingly. If the progress is found to be unsatisfactory, the candidate will be terminated from the position with one month of notice period.

How to Apply?

Please send a single .pdf file to sagar@iitrpr.ac.in, mentioning “*Application for JRF-your name*” in the subject line of your email. The .pdf file should contain the following documents:

1. Filled application form (attached below)
2. Cover letter describing the justification of your candidature for this project.
3. Applicant’s CV.
4. Academic degree certificates and marksheets.
5. Experience certificates and portfolio details (if any)

Last date for receipt of application: 5th May 2024

Shortlisted candidates will be called for the interview either in person or online mode.
No TA/DA will be admissible for the applicants called for interview.

***Only shortlisted candidates will be contacted through email. ***

For queries, please contact:

Dr. Sagar Rohidas Chavan

Principal Investigator

Assistant Professor,

Department of Civil Engineering,

Indian Institute of Technology Ropar

Nangal Road, Rupnagar, Punjab 140001, India

Email: sagar@iitrpr.ac.in

Application form for the post of Junior Research Fellow in SERB Sponsored Project

Personal Details

Recent Photograph

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.							

6.							
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**[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/Digital Content Creation), if any

Name of Organization	Designation	Nature of Work	From	To

Any other information you wish to bring into the notice:

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 the post, 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 the post and assignment to a particular 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