



R&D AD-01

Advertisement for JRF Postion in DST Sponsored Project

Applications are invited from suitable candidates for the position of **Junior Research Fellow (JRF)** to work on the DST sponsored project (DST/IC/SL/P-15/2026) entitled “**A Geo-AI Approach to Optimize Sugarcane Yield Estimation Integrating Surveillance, Forecasting, and Policy Reform in India and Sri Lanka**”. project under the supervision of the PI of the project at IIT Ropar. The detailed information is given below:

Description	Details
Principal Investigator (PI)	Dr. Shray Pathak
Name of Position	JRF
No. of Position	One(1)
Essential Qualification	M.Tech/M.E./M.Sc. in Geomatics/GIS/Remote Sensing/Agricultural Science/Engineering, and GATE/CSIR-UGC NET Qualified
Nature of work	Data collection and crop yield modeling by integrating artificial intelligence and machine learning with high quality geospatial data and GIS.
Tenure of Post	One year (May extend on the basis of performance)
Fellowship per month	Rs. 37000 + 10% HRA
Last date to apply	07/08/2026
How to apply	Submit the completely filled form along with the required documents in a single PDF through this google form link

Note:

- Only shortlisted candidates will be communicated through Email to appear for an online interview.
- The date of the online interview will be notified.
- No TA/DA will be given to the candidates for attending the interview.
- The position is available immediately, so the selected candidate is expected to join immediately.

Address of Principal Investigator

Dr. Shray Pathak

Assistant Professor,

Department of Civil Engineering

Indian Institute of Technology Ropar

Rupnagar, Punjab 140001, India

Email: shray.pathak@iitrpr.ac.in



Application No

(For office use only)

Application Form for JRF Position in DST Project

1. Personal Details:

				Passport size photo
Name:				
Father's Name:				
Date of Birth: (DD/MM/YYYY)		Category (SC/ST/OBC)		
Marital Status:		Gender		
Nationality		Mobile/Phone no.		
E-mail				
Present Address		Permanent Address		

2. Educational Qualifications:

Degree	Board/University/College	Subject/Discipline	Year	%Mark/CG PA	Division
10 th or equivalent					
12th or equivalent					
Diploma if any					
B.Tech/B.E./B.Sc.					
M.Tech/M.E./M.Sc.					



3. Additional qualifying examination (GSTE/CSIR/UGC/NET/Others):

Qualifying Examination	Branch	Year	Valid up to	Percentile	All India Rank

*Title of M.Tech/M.E./MSc. Thesis:.....
.....
.....
.....

4. Professional Experience In Chronological Order:

Name of the organization	Designation	Duration		Nature of work
		From	To	



3. Number of research publications (attach list): SCI-.....Non-SCI:.....

4. Time required to join this position:

5. 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 will 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 will be final.

Date:

Place:

Signature of the applicant

Encloser: Self-attested copy of documents

1. Proof of Date of Birth
2. Marks sheets & Certificates of all Educations
3. GATE/NET score card
5. Category certificate, if applicable
6. List of Publications