



**Mahatma Jyotiba Phule Rohilkhand University, Bareilly**  
Pilibhit Bypass Road, Bareilly-243006, Uttar Pradesh

**Department of Computer Science & Information Technology**

**Advertisement for the post of JRF under SERB-funded Research Project**

Applications are invited from Indian nationals for the post of Junior Research Fellow (JRF) **purely on contract basis** to work on the research project sponsored by SERB (a statutory body of DST, Government of India), under the supervision of **Dr. Brajesh Kumar (PI)** in the Department of Computer Science & Information Technology, MJP Rohilkhand University, Bareilly.

**Title of the Project:** **HyImC: A python-based software package for hyperspectral image classification using deep learning frameworks.**

**Project Code:** SUR/2022/003041

**Duration of the Project:** 3 years (till 4<sup>th</sup> January 2027). Initial appointment (purely on contract basis) is for six months, which is extendable up to three years or project durations whichever is earlier based on the performance. The position is **purely temporary** and co-terminus with the project.

**Project Position:** Junior Research Fellow (JRF)

**Number of Positions:** 01

**Fellowship Amount:** Rs. 31,000/- for first two years and 35,000/- for third year + HRA as per university/project norms.

**Eligibility Requirements:**

- (1) GATE/NET qualified candidates with first class ME/MTech/MS in Computer Science & Engineering or allied branch are eligible to apply.
- (2) GATE/NET is not mandatory for the candidates who have obtained first class ME/MTech/MS in Computer Science & Engineering or allied branch through a national level examination for admission conducted by central government institutes or its agencies such as IITs, IISc, IISERs, DRDO, DST, and DAE, etc.
- (3) In case class/division is not available, the candidates must have obtained CGPA 6.5 or above in ME/MTech/MS.

**Desirable Knowledge:** Good programming skills in Python, Digital Image Processing, Remote Sensing, Knowledge of software development.

**Age Limit:** Preferably up to 28 years as on closing date of advertisement. Age relaxation to SC/ST/OBC(NCL) is admissible as per government norms. Age relaxation may also be given to experienced, exceptional, or PhD candidates.



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**Job Profile:** In this project, selected candidate will be working on:

- I. Design and development of algorithms for hyperspectral image classification.
- II. Development of feature extraction techniques for hyperspectral images.
- III. Development of a software for hyperspectral image classification.
- IV. Experimentation and optimization of feature extraction and classification methods/algorithms.
- V. Analysis of experimental results.

Interested candidates fulfilling the above-mentioned qualifications and criteria can send their applications in given format with latest resume by email to the **Principal Investigator, Dr. Brajesh Kumar** latest by 12-March-2024.

### HOW TO APPLY:

1. Interested candidates should send the application in prescribed format along with latest resume in a single PDF file to **bk@mjprudor.ac.in** on or before the last date i.e. **12th March, 2024**. Please use subject line: Application for JRF position.
2. Note: (Sending only resumes/CV by email will not be considered as complete application).
3. List of shortlisted candidates for further selection process will be notified through email only. Therefore, please mention active Mobile Number and Email ID in the application form.
4. Recent passport size photograph and photocopies of relevant certificates and other testimonials in support of age, qualification, experience etc. will be collected at an appropriate stage.
5. The applicant will be responsible for the authenticity of information/documents submitted and photograph. It is the responsibility of the candidate to assess his/her own eligibility to the post(s) for which he / she is appearing in accordance to this advertisement. If it is detected at any time in future, during the process of selection or even after appointment that the candidate was not eligible as per the prescribed eligibility criteria in this advertisement, which could not be detected at the time of selection for whatsoever reason, his/her candidature/appointment shall be liable to be cancelled/terminated immediately.

### GENERAL INFORMATION/DETAILS ABOUT THE POST:

1. The appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the research project.



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2. The appointed person shall have no claim of appointment / absorption in Funding Agency or in MJP Rohilkhand University, Bareilly.
3. Appointment of the applicant will be governed by the terms and conditions of the funding agency particularly applicable to the said project.
4. The prescribed qualification should have been obtained from recognized Universities/ Institutions only.
5. The prescribed educational qualifications are the bare minimum and mere possession of same does not entitle candidates to be called for interview. Where number of applications received in response to this advertisement is large, it will not be convenient or possible to interview all the candidates. Based on the number of candidates for the interview to a reasonable limit after taking into consideration the qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the relevant field at the time of applying.
6. No TA/DA will be admissible for appearing for the interview.
7. Selected candidates will have to join duty immediately on receipt of the offer.
8. No interim enquiries/correspondence/communication of any sort will be entertained on the matter.
9. Canvassing in any form and/ or bringing any influence, political, or otherwise, will be treated as a disqualification for the post applied for.
10. Candidates selected for this position can also apply for the regular PhD program of MJP Rohilkhand University, Bareilly, provided they satisfy eligibility criteria.

**Dr. Brajesh Kumar**  
**(Principal Investigator)**  
Associate Professor  
Department of Computer Sc. & IT  
MJP Rohilkhand University  
Bareilly-243006, Uttar Pradesh  
Email: [bk@mjprudor.ac.in](mailto:bk@mjprudor.ac.in)  
Mobile: +91 9760018477



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**Application for the post of Junior Research Fellow (JRF)**

1. **Name:**
2. **Date of Birth (DD/MM/YYYY):**
3. **Father Name:**
4. **Nationality:**
5. **Category (SC/ST/GEN/OBC):**
6. **Gender:**
7. **Father Name:**
8. **Mother Name:**
9. **Email:**
10. **Mobile Number:**
11. **Address for Communication:**

Recent Passport Size  
Photograph

C/O (optional): .....  
House/Flat No.: .....  
Street: .....  
City: .....  
District: .....  
Pin Code: .....  
State: .....

**12. Permanent Address:**

C/O (optional): .....  
House/Flat No.: .....  
Street: .....  
City: .....  
District: .....  
Pin Code: .....  
State: .....

**13. Educational Qualifications (10<sup>th</sup> onwards)**

Examination/Degree Passed	Subject/Area of Specialization	University/ Institute	Year of Passing	Percentage of marks obtained/ CGPA	Division



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**14. Additional Qualifications (NET/GATE/etc.)**

Name of Examination	Year	Rank/Score

**15. Experience (if any)**

Name of Organization	Designation	From	To	Nature of Work

**16. Research project/ Internship:**

(Please explain the research work done (if any) in 200 words, also mention research publications from the work, if any.)



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**17. In about 200 words, please write why you are interested in the proposed research area.**

**18. References: Please provide us details (Name, Affiliations, Institute, email id) of at least two referees who will be able to write a reference letter for you.**

- 1.
- 2.
- 3.

**DECLARATION**

I hereby declare that I have carefully read the instructions and the particulars supplied to me. I understand that the position is temporary and co-terminus with the project. The entries made by me in this application form are correct and true to the best of my knowledge and belief.

**Place:**

**Signature of the Applicant**

**Date:**

(The duly filled application form should be sent to us by email. The hard copy of this application form signed and dated by the applicant along with recent passport size photograph and photocopies of relevant certificates and other testimonials in support of age, qualification, experience etc. will be collected at the time of joining. Applicant has to bring all the original certificates at the time of joining for the purpose of verification, along with one set of photocopies)