



Mahatma Jyotiba Phule Rohilkhand University, Bareilly
Pilibhit Bypass Road, Bareilly-243006, Uttar Pradesh
Department of Electronics and Communication Engineering

**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. Hari Kumar Singh (PI)** in Department of Electronics and Communication Engineering, MJP Rohilkhand University, Bareilly

Title of the project: Monitoring of Sustainable Agriculture of Small Farms Wielding Image Processing Integrating with Sensor Antenna and Machine Learning for Improving Socio Economic Status of Farmers.

Project Code: SUR/2022/00940

Duration of the project: 3 years (till 4th 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 Post: 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 Electronics Engineering/ Electronics and Communication Engineering/ Electrical and Electronics or equivalent branch are eligible to apply.
- (2) GATE/NET is not mandatory for the candidates who have obtained first class ME/MTech/MS in Electronics Engineering/ Electronics and Communication Engineering/ Electrical and Electronics or equivalent 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, Prior basic knowledge of Antenna/Artificial Intelligence/ Sensors etc. Published paper(s) in journals/Conferences.

Age Limit: Preferably up to 28 years as on closing date of advertisement (relaxation for SC/ST/OBC/ Physically Handicapped /Female candidates/ PhD candidates as per GoI rules).

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

- I. Development of working greenhouse model for Agriculture
- II. Integration with Sensor Antenna
- III. Machine Learning Models
- IV. Socio-Economic Analysis
- V. Analysis of experimental results.

Interested candidates fulfilling the above-mentioned qualifications and criteria can send the applications in the given format with latest resume latest by 12-March-2024 to the

Principal Investigator
Dr. Hari Kumar Singh



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HOW TO APPLY:

1. Interested candidates should send the application in prescribed format along with latest resume in a single PDF file by email hari.singh@mjpru.ac.in on or before the last date i.e. **5.00 P.M. on 12th March, 2024**. Please use subject line: Application for JRF position.
Note: (Sending only resumes/CV by email will not be considered as complete application).
2. 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.
3. 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.
4. The applicant will be responsible for the authenticity of information submitted / documents 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.
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 entitled 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. Hari Kumar Singh
(Principal Investigator)
Assistant Professor Department of Electronics and Communication
MJP Rohilkhand University Bareilly-243006,
Uttar Pradesh Email: hari.singh@mjpru.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 (10th 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.)

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.

- (i)
- (ii)
- (iii)



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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.

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)