Maulana Azad National Institute of Technology Bhopal
Department of Mathematics, Bioinformatics & Computer Applications

Advertisement for the Post of Junior Research Fellow (JRF) Position

Applications are invited from the Indian nationals, giving full details of educational qualifications and experience for the following position as details given below under the research project titled **"Development of Fractional Order Regularization Optical Flow Model Based Smoke Detection System in Surveillance Videos",** funded by **National Board for Higher Mathematics (NBHM), Department of Atomic Energy (DAE), Govt. of India** under the supervision of **Dr. Pushpendra Kumar,** Assistant Professor, Department of Mathematics, Bioinformatics & Computer Applications, MANIT-Bhopal-462003. *The initial appointment is for a limited period of six months from the date of the joining and it may be extended for a further period of six months or the completion of the project subjected to the requirement and performance of the individual.*

The details of the position are given below:

JRF: 01(ONE)
Emoluments: Rs. 31,000/- per month for first two years and Rs. 35,000/- per month for third year
Duration: 3 Years

Eligibility
Essential Qualification:
M.Sc.(Mathematics)/M.Tech./M.E. or Equivalent degree in Computer Science & Engineering/ Electronics/ Electrical Engineering/IT. Preference will be given to the GATE/NET qualified candidates.

Desirable:
The applicants are desired to know the computer programming (preferably MATLAB/Python) and basic concepts of Mathematics and Image Processing. Preference will be given to the candidates who published papers in SCI/SCIE/SCOPUS indexed journals.

How to Apply

The candidates should fill the application form in the prescribed format available on the institute website (www.manit.ac.in). Advance copy of application form along with resume and attested photocopies of the relevant certificates/documents from the 10th standard onwards must be emailed to pkumarfma@manit.ac.in or pushpendra2a@gmail.com on or before 15th **September** 2021 up to 5:00 PM. The shortlisted candidates will be informed by email for online interview procedure.

Selection Process

The selection process will be based on the basis of interview through web-based video conference over internet. The interview date and time will be communicated to the shortlisted candidates after scrutiny. The appointment will be purely on contract basis, the post has been created for the execution of the research project and selected candidate shall not be an employee and should not have any claim of any benefit on that account.

13-08-2021

Dr. Pushpendra Kumar
(Principal Investigator)
Tel: 0755-4051559, Mob-09759720891

Maulana Azad National Institute of Technology Bhopal
Department of Mathematics, Bioinformatics & Computer Applications

Application for JRF

Post Applied for: ----------

1. **Name in Full:**
2. **Gender:**
3. **Date of Birth:**
4. **Place of Birth:**
5. **Nationality:**
6. **Domicile state:**
7. **Mother's Name:**
8. **Father/Husband's Name:**
9. **Address for Correspondence:**
10. **Permanent Address:**
11. **Telephone (with STD code)**
12. **Mobile:**
13. **Email Address (Compulsory):**
14. **Specific Category:**
15. **Educational Qualification:**

S. No	Examination Passed	University/Board	Year of Passing	Division/ grade	% Marks	Subject taken

Percent conversion of grade should be specified and the proof of conversion factor should be shown at the time of interview

16. **Details of Previous Experience:**

S.No	Name of the Employer with full address	Salary Drawn	Period of service	Nature of Duties

If selected, minimum time required to join the post..... days.

17. **References (minimum two), Name, Designation, Institute address, Mobile/Tel no and Email id**

1. ---------- 2. ----------
---------- ----------
---------- ----------
---------- ----------
---------- ----------

18. Any other relevant information:

_____

_____

_____

Declaration by the candidate:

I affirm that the information given in this application is true and correct. I also fully understand that if at any stage, it is discovered that an attempt has been made by me to wilfully conceal or misrepresent the facts, my candidature may be summarily rejected, or my employment terminated with immediate effect. I agree to the terms & Conditions.

(Candidate Name & Signature)

Terms & Conditions:

1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
2. The association between PI and the candidate can be discontinued at any time by giving one month's notice in writing either by the PI of the project to candidate or by the candidate to PI of the project.
3. Candidate selected for this position can also apply for the regular Ph.D program in MANIT Bhopal, provided they satisfy the eligibility criterion followed by selection process laid down by the institute.
4. After qualifying the Ph.D admission/ selection test the candidate will be registered as a regular Ph.D scholar and eligible to draw the fellowship and other allowances as per the Institute rules.