भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद
Indian Institute of Information Technology, Allahabad
An Institute of National Importance by Act of Parliament
Deoghat, Jhalwa, Allahabad-211015 (U.P.) INDIA

Ph.: 0532-2922025, 2922067, Fax : 0532-2430006, Web : www.iiita.ac.in, E-mail : contact@iiita.ac.in

Advt. No. IIITA/PROJ/SERB-EEQ/ADV/JRF/2022/03   **Dated: 21st March, 2022**

Advertisement for the Post of Junior Research Fellow (JRF) under the DST-SERB sponsored research project

Applications are invited for the post of Junior Research Fellow (JRF) (on contract) in the research project entitled "**Development of novel and cost-effective layered perovskite oxide ceramics for wireless communication applications**" in reference to the sanction letter / grant no.: **SERB/EEQ/2021/000132**, dated: 17 March 2022.

Title of the Project: Development of novel and cost-effective layered perovskite oxide ceramics for wireless communication applications.

Name of the Position: Junior Research Fellow (JRF) (on contract)

Number of Position: 01 (One)

Project Duration: Three (03) Years

Age Limit: The upper age limit (as of the last date of application) is 30 Years (SC/ST/OBC/WOMEN/PWD candidates will get relaxation as per Govt. of India Rules).

Essential Qualifications: Candidate must have following essential qualifications:

➢ B.Tech/M.Sc./M.Tech or equivalent degree in Physics/Materials Science/Engineering Physics/Ceramic Engineering/Electronics Engineering with 60% marks for (General/OBC/EWS) and 55% marks for (SC/ST) with a valid GATE/NET or similar other national level ranking.

Nature of the work: Selected candidate has to perform synthesis, characterization and fabrication of dielectric resonator antenna (DRA). Good writing skill of research papers in journal/conference and knowledge of basic characterization techniques is desirable.

Fellowship: 31,000/- pm (1st Year, 2nd Year) & 35000/- pm (3rd Year) + HRA (as per SERB rule).

How to Apply: The duly completed application on prescribed format (Annexure - I) along with copies of supporting documents should be sent to PI through Email (upendrakumar@iiita.ac.in) with subject, "**Advt. No. IIITA/PROJ/SERB-EEQ/ADV/JRF/2022/03**".

Mode of Interview: Hybrid (Online + Offline) or intimate through email.

Last date of Application: 20/04/2022 (Wednesday).

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Note(s)

1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.

2. Qualification and experience may be relaxed at any point of time for exceptional candidates.

3. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted on the basis of merit and need of the project.

4. Shortlisted Candidates will be informed by e-mail about the interview date. So, the candidate must provide valid E-mail IDs in their applications.

5. Shortlisted candidates have to present themselves for the interview on the interview date with updated CV and original and attested photocopies of mark sheets/certificates in support of their academic qualifications.

6. Applicants in employment (private, government or any other organization) are required to submit a "**No Objection Certificate**" from the employer at the time of interview.

7. No TA/DA will be paid for appearing in the interview.

8. The association between Investigators 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 candidate to the PI of the project.

9. Candidate selected for this position can also apply for the regular PhD program in Applied Sciences Department, provided they satisfy the eligibility criterion followed by selection process laid down by the institute.

10. This appointment will be purely contractual. Initially appointment will be for first one year. It will be renewed for another year or till the end of project whichever is earlier based on the performance of the candidate and recommendation of the selection/review committee.

11. Hostel accommodation may be provided as per Institute rules.

12. **Last date of application: 20/04/2022 (Wednesday).**

Dr. Upendra Kumar
Principal Investigator (PI)
Office: CC-III, Room No.5020
Phone: 05322922525
Email: upendrakumar@iiita.ac.in

<u>**Annexure - I**</u>

Advt. No. IIITA/PROJ/SERB-EEQ/ADV/JRF/2022/03

For office use only

Application No…………….

APPLICATION FORM

Date…………………

Research Project Entitled: Development of novel and cost-effective layered perovskite oxide ceramics for wireless communication applications.

File No.: IIITA/PROJ/SERB-EEQ/ADV/JRF/2022/03

Funding Agency: DST-SERB

Name of Principal Investigator: Dr. Upendra Kumar

Name of position: Junior Research Fellow (JRF) (on contract).

1. Name of the Candidate (In Capital):

2. Gender (Male/Female):

3. Marital Status (Married/Unmarried):

4. Date of Birth:

5. Age (as on last date of application): _____Years_____ Months_____ Days

6. Father's/Husband's Name:

7. Present/Contact Address:

8. Permanent Address:

9. Mobile No:

10. E-mail:

11. Nationality:

12. Category Gen/SC/ST/OBC/PH:

13. GATE/NET

Branch	Year	Valid up to	Percentile (& Score)	All India Rank

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14. Educational Qualification (10th onward):

Qualification	Subject/Discipline	Board/Institute/Univ.	Year of passing	% of marks	Division

15. Summary of B.Tech/M.Sc/M.Tech Thesis (Maximum 150 words): *Enclose a separate sheet*

16. Research Publications (Maximum Best 5): *Enclose a separate sheet*

17. Details of Experience in chronological order. *Enclose a separate sheet*

18. Any other information: *Enclose a separate sheet*

19. Indicate whether you propose to register for higher degree at IIITA, Allahabad: Yes/No

   (Name of higher degree is Ph.D.)

DECLARATION

I hereby declare that all the statements made in this application are true and complete and nothing has been concealed/ distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place: Signature of the Applicant

Date:

Checklist

1. Self-attested copy of documents

2. Proof of Date of Birth

3. Mark sheets & certificates of all the examination passed

4. Category Certificate, if applicable

5. GATE/NET score card, if passed

6. Experience certificate, if any