

Birla Institute of Technology Mesra

Ranchi - 835215

DEPARTMENT OF CHEMISTRY

Advertisement for the post of Project Associate-I in a SERB-funded Research Project

Applications are invited from Indian nationals for the position Junior Research Fellow (JRF) in a SERB funded research project with following details:

- **Title of the project:**

Biocompatibility and mechanical studies of nanostructured HAP, metal doped nanostructured HAP on alumina by RF Magnetron Sputtering.

- **Principal Investigator (PI):**

Dr. (Mrs.) Deep Shikha, Assistant Professor

Department of Chemistry

Birla Institute of Technology, Mesra

Ranchi - 835215, Jharkhand, India

email: deepshikha@bitmesra.ac.in, deepshikha1011@gmail.com

Tel.: +91 651 2275444/896 ext. 476., Fax: +91 651 2275401.

Mobile: 9955989189

- **Co-Principal Investigation (Co-PI)**

Dr. S. K. Sinha

Professor and Head

Department of Physics

BIT Mesra, Ranchi

email: sksinha@bitmesra.ac.in

Tel.: +91 651 2275444/896 ext. 476., Fax: +91 651 2275401.

Mobile: 9430195009

Name of the position : : Project Associate-I

- **Number of Positions : 01**

- **Essential qualifications** : MSc (Chemistry, Physics, Biology or equivalent), M. Tech. /M.E. in Metallurgical Engineering/ Material Science/ Ceramic Engineering/ Nanoscience and Nanotechnology, Chemical Engineering or equivalent) from a recognized Institute/University or statutory body OR equivalent degree with a minimum of 60% aggregate score; For SC/ST category, the candidate must have secured a minimum of 55% aggregate score.
- **Desirable** : Preference will be given to candidates having CSIR/UGC JRF-NET/GATE and working experience relevant to the project topic or have qualified PhD. Entrance test of BIT Mesra, Ranchi.
- **Age limit** : below or equal to 28 years
- **Salary** : For the **first two years** Rs. 31,000 + 16% HRA and for the **third** year Rs. 35,000 +16% HRA for those (i) who have qualified CSIR-UGC NET including Lectureship or GATE or qualified through National Examination of Government Departments and Agencies. (ii) 25,000/- + HRA for others who do not fall under the above category.
- **Duration** : Up to the termination of project, subject to annual performance review. Project is for 2 years one month.
- **How to apply** : **Interested candidates must apply through email/speed post to PI** with a copy to : **ar.src@bitmesra.ac.in** on the application form attached with this advertisement along with photo copy of all the certificates through email.

Duly completed application form along with candidate's resume must be mailed or emailed to the PI so as to reach by **1st February 2023**. Only shortlisted candidates will be called for the interview. The positions are available immediately.

Interview will be held on **2nd February 2023 at 11.30AM online through Google meet link**. Link will be sent before the interview. Students should present his/her original certificates at the time of interview.
- **Last date** : The application must reach the PI/Co-PI by Monday, **1st February 2023**.
- **Note** : The candidate selected for the position of JRF will have the option to register for **PhD** program at BIT Mesra, Ranchi in the appropriate department. However, for admission to PhD program at BIT Mesra, the candidate must meet certain eligibility requirements and also qualify the written examination and interview.

- **Conditions:**

i) The PI shall not be responsible for postal / courier delay, if any, or any other reason for non-receipt of the document at the specified time and will result in disqualification/rejection of the application.

ii) The decision of the selection committee will be final.

iii) If the number of shortlisted candidates called for the interview is large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement.

iv) The appointment of the candidate will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required.

v) The selected candidate will have to join duty immediately on receipt of the offer.

vi) The fellowship may be terminated with a 30-day notice before completion of the tenure, if performance till date is not deemed satisfactory.

Registrar

APPLICATION FORM FOR JRF

1. Full Name: Passport Size PHOTO
2. Date of Birth
3. Affiliation:
4. Sex M/F:
5. Marital Status:
6. Nationality:
7. Physically handicapped: Y/N
8. Father's Name:
9. Permanent Address:
10. Address of Correspondence:

Mobile No & Email:

11. Qualifications:

Examination	Name of School, College, University /Institute	Year of passing	Subjects	% of marks	Distinction /Division
SSC					
HSC					
BSc.					
MSc/MTech.					

12. Academic Records:

- a. GATE/CSIR/UGC National Exam Qualification details with Percent marks/Rank, year of qualifying, etc.
- b. Details of the UG/PG projects carried out with duration, place of work, area worked on, mentor/guide's name, Abstract of the project, and contribution to the project

- c. Attach a list of publications (National and International separate) with a clear mention of impact factor(if any):
 - d. Working experience (if any):
 - e. Whether currently employed:
 - f. Time required to join this position:
13. Names and addresses of two referees along with phone number and e-mail address.

Declaration

I hereby declare that all the entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Signature

Place:

Date: