

## Advertisement for the post of JRF in a DST 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:

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- **Title of the project:**

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

**PI:** Dr. Deepshika, Asst. Professor, Dept. of Chemistry, BIT, Mesra  
([deepshikha@bitmesra.ac.in](mailto:deepshikha@bitmesra.ac.in))

**Co-PI:** Dr. S.K. Sinha, Prof & Head, Dept. of Physics, BIT, Mesra.  
([sksinha@bitmesra.ac.in](mailto:sksinha@bitmesra.ac.in))

- **Name of the position :** Junior Research Fellow (JRF)
- **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 related areas) 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.
- **Age limit :** 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 3 years.

- **How to apply :** Interested candidates must apply through email/speed post to PI/Co-PI on the application form attached with this advertisement. Send bio data through email.

Duly completed application form along with candidate's resume must be mailed or emailed to the PI/Co-PI so as to reach by **7th June 2022**. Only shortlisted candidates will be called for the interview. The positions are available immediately.

Interview will be held on **8th June 2022 at 11.00AM online** through Google meet link. Link will be sent before the interview.

- **Last date :** The application must reach the PI/Co-PI by Monday, **7th June 2022**.
- **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.