

# Recruitment of Junior Research Fellow in Ceramic Engineering

Project Reference No: R&D/SERB/Cer/17-18/05

Applications are invited from Indian nationals for the following position for the research project titled “**Development of rare earth free ceramic magnet with high energy and curie temperature for motor applications**” sponsored by Department of Science & Technology (DST)-SERB, Government of India, New Delhi for a period of three years.

<b>Name of the position</b>	Junior Research Fellow*
<b>Number of positions</b>	1
<b>Last date of Application</b>	Applicants should apply within 45 days of this advertisement.
<b>Duration of Position</b>	One year. Extendable up to 3 years depending on performance.
<b>Emoluments (p.m.)</b>	Rs. 25,000/- (Consolidated, for first 2 years), Rs. 28,000/- (Consolidated, for 3 <sup>rd</sup> Year)
<b>Educational qualification</b>	<b>Essential</b> Graduate or Master Degree in Sciences or Engineering (from any branch), with GATE or NET score. Minimum 55% or equivalent CGPA in preceding degree. <b>Desirable</b> Experience in nanoparticle synthesis through wet chemical route and knowledge of materials characterization techniques such as XRD, SEM etc. Demonstrated experience in magnetic materials synthesis, MPMS, spin coating etc. would be an added advantage.
<b>Age</b>	28 years. Age relaxation applicable as per Government of India (GoI) rules.

\*Note: Candidates interested to extend their JRF to Ph.D. will be preferred

## General Terms and Conditions:

1. The position is purely temporary and is coterminous with the project.
2. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
4. The candidate is expected to join immediately, if selected.
5. No TA/DA will be paid for attending the interview.

Application on Plain paper giving **name, permanent and correspondence address, names of the father and mother, telephone number and e-mail address, details of educational career (starting from high school or equivalent) along with the self-attested copies of all mark-sheets & certificates and details of any research or other experience** etc., if any, should reach the Principal Investigator at following address by **25.10.2017**:

**Dr. Pradip Kumar Roy**  
**Department of Ceramic Engineering,**  
**Indian Institute of Technology (BHU)**  
**Varanasi - 221005, (U.P.), India**

Applicants can also send their applications and scanned copies of certificates, documents by email to the principal Investigator at: **pkroy.cer@iitbhu.ac.in**