

## Junior Research Fellow

Applications are invited from the citizens of India for Junior Research fellowship (JRF) for the sponsored project undertaken in the **Department of Earth Sciences, IISER-Kolkata**. This temporary position is initially for a period of 12 months and tenable only for the duration of the project subject to satisfactory performance. The requisite qualification, experience, etc. are given below:

<b>Project Title</b>	Understanding the catchment hydrology of an eastern Himalayan River: A stable isotopic approach
<b>Sanction Number</b>	56/14/01/2021-BRNS/10257
<b>Funding Agency</b>	Board of Research in Nuclear Sciences (BRNS)
<b>Temporary Position(s)</b>	Junior Research Scholar (JRF)
<b>Number of vacancies</b>	One
<b>Salary</b>	Rs. 31,000/- p.m. (consolidated; No HRA will be paid)
<b>Coordinator / PI</b>	Prof. Prasanta Sanyal
<b>Department</b>	Department of Earth Sciences
<b>Project and Job description</b>	Stable water isotope ( $\delta^{18}\text{O}$ and $\delta\text{D}$ ), dissolved nitrate isotope ( $\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ ) measurement in water sample.
<b>Qualifications</b>	Essential Qualifications:  a) Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following: a. Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.  Or  The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.  b) Working experience in stable isotope ratio mass spectrometer with expertise in water isotopes ( $\delta^{18}\text{O}$ and $\delta\text{D}$ ) and dissolved nitrate isotope ( $\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ ) measurement.
<b>Age limit</b>	Upper age limit: 32 years as on the day on which the application is made. The upper age limit is relaxable by up to 5 years in case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
<b>Application Fee</b>	Nil
<b>Last Date of the receipt of the application:</b>	December 04, 2022
<b>Application Procedure</b>	Send application along with CV, two recommendation letters and cover letter

to psanyal@iiserkol.ac.in

**More Information**

- (1) No TA/DA will be paid for attending the interview.
  - (2) Only short-listed candidates will be contacted by email.
  - (3) Please bring your resume, self attested photocopy of all mark-sheets and certificates.
  - (4) The date of interview at IISER Kolkata will be notified later.
- For further information, contact: psanyal@iiserkol.ac.in