

Advertisement for the post of **Junior Research Fellow under MoE-STARS Project**

(Center for Climate and Environmental Studies, IISER Kolkata)

Dated: 09/07/2024

A position for a **Junior Research Fellow (JRF)** is available in the research group of Dr. Kajaljyoti Borah, Associate Professor, Department of Earth Sciences & Center for Climate and Environmental Studies, IISER Kolkata.

The research work would be focused on 1) Imaging 3-D shear velocity crust-upper mantle structure beneath Indo-Burma ranges and the adjoining regions, 2) Detection and location of small-to-moderate seismicity using the 3-D shear velocity structure, and 3) Estimation of radial and azimuthal anisotropy.

1. Title of project: Crust and upper mantle shear velocity anisotropic structure in the Indo Burma Ranges and its geodynamic implication

2. Funding agency: MoE-STARS

3. Principal investigator: Dr. Kajaljyoti Borah (<https://www.iiserkol.ac.in/~kajal.borah/>), Associate Professor, Department of Earth Sciences & Center for Climate and Environmental Studies, IISER Kolkata

4. Remuneration: A maximum amount of Rs. 31,000 per month + HRA

5. Tenure: 12 months, with possibility of renewal upon satisfactory performance

6. Basic Eligibility Criteria:

M.Sc or equivalent degree, in either Geology, Geophysics, Applied Geology, Applied Geophysics, Physics, or Mathematics, with minimum 65% marks, or minimum CGPA/CPI of 7.0 on a 10-point scale.

Qualification in at least one of these exams: CSIR-UGC NET (incl. LS); GATE; national-level exams conducted by DST/DBT/DAE/DOS/DRDO/MHRD/ICAR/ICMR/IIT/IISc/IISER.

7. Additional experience: Sound understanding of seismology and experience in handling of seismological data; Experience in computer programming.

8. Age limit: Not more than 30 years as on 24th July, 2024, which is relaxable for certain reserved categories as per rules of Government of India.

9. How to apply: Eligible candidates should send their detailed *Curriculum Vitae (CV)*, a *one-page (max.) statement of purpose detailing the motivation for working in the Research Project*, and *two recommendation letters* to kajal.borah@iiserkol.ac.in latest by 24th July 2024. The full contact information (address, mobile number, landline number if any) should be provided with the CV.

10. Last date for receiving applications: 24th July, 2024

11. Interview: The date of the online oral interview will be shared only with the shortlisted candidates via email. The interview will be held between **29th March to 31st July 2024**.

12. Conditions: The candidate has to make logistics provision for the online interviews. The decision of the selection committee will be final. The selected candidate will have to join duty immediately on receipt of the offer. The selected candidate may be terminated with a 30-day notice before completion of tenure, if performance till date is not deemed satisfactory.