

ADVERTISEMENT
JUNIOR RESEARCH FELLOW IN ENVIRONMENTAL SCIENCES
(Dept. of Earth Sciences, IISER Kolkata)

A position for a Junior Research Fellow (JRF) is available in the research group of Dr. Gopala Krishna Darbha, Associate Professor, Dept. of Earth Sciences, IISER Kolkata.

- 1 **Title of the project:** Study of coastal carbon dynamics of Sundarbans estuary
- 2 **Funding agency:** National Remote Sensing Agency, ISRO
- 3 **Principal Investigator:** Dr. Gopala Krishna Darbha, Associate Professor, Dept. of Earth Sciences
- 4 **Remuneration:** A maximum amount of Rs 37,700 + HRA
- 5 **Tenure:** The appointment will be for a period of 1 year and is tenable only for the duration of the project.
- 6 **Basic Eligibility Criteria:** a) M.Sc./M.Phil/M.Tech or equivalent degree, in either Marine Science, Chemistry, Environmental Science or closely related subject with minimum 60% marks, or minimum CGPA of 7.5.
b) Candidates must have qualified in one of the following examinations: GATE, UGC/CSIR NET-LS, INSPIRE, other equivalent examination.
- 7 **Additional experience:** Exposure to research at the Master's level or higher / work experience in (desirable) an academic institution.
- 8 **Application procedure:** The walk-in interview will be conducted via an offline (in-person) process on August 28, 2025, at 10:30 AM. Venue: Teaching and Research Complex, Room No. 119, IISER Kolkata, Mohanpur, Nadia, WB, Pin- 741246.
- 9 **Project and job description:** Collection of water and sediment samples from Sundarbans Mangrove and Hooghly estuary and their physiochemical analysis. Investigate the factors impacting CO₂ sequestration in the Sundarbans Mangrove using field-based data and remote sensing tools.
- 10 **Conditions:** No TA /DA will be provided to the candidate for the interview. The decision of the selection committee will be final. The selected candidate may be terminated with a 30-day notice before completion of the tenure if performance to date is not deemed satisfactory.
- 11 **Start date of the project:** 1st September 2025