

Center of Excellence in Space Sciences India

<http://cessi.iiserkol.ac.in> , www.cessi.in

Call for Applications: Project Scientist (Sunanda and Santimay Basu Fellow) in Space Weather

A Project Scientist position is available at the Center of Excellence in Space Sciences India (CESSI) – a multi-institutional Center of Excellence established by the Ministry of Human Resource Development, Government of India. CESSI is located at the Indian Institute of Science Education and Research (IISER) Kolkata and involves collaborating faculty from various institutes. The primary aims of CESSI are to explore fundamental aspects of solar and stellar magnetic activity and star-planet interactions, develop the understanding necessary for space weather forecasting, gravitational wave astronomy, support national missions such as the Aditya-L1 space mission and the LIGO-India project, and pursue capacity building activities and public private partnerships in the space sciences. For more information, refer to: www.cessi.in.

This Project Scientist position, with equivalent pay to DST Project Scientist (I), is supported by a private grant to CESSI for space weather research and shall be named “Sunanda and Santimay Basu Fellow”.

The position is intended for research and development of space weather forecasting capabilities. Selected candidate will be encouraged to consult with private industries and/or start-ups – in order to facilitate private-public partnerships and transfer of knowledge.

Eligibility

We are seeking a candidate whose research skills are directly relevant for space weather studies, with demonstrated experience in satellite data analysis and/or computational modelling of solar phenomena that impact our space environment. Expertise in development of space weather forecasting tools is essential. Applicants must have a PhD (within the last 3 years) with a thesis topic focusing on space weather research. The position is open for hire as soon as possible and therefore candidates who have received their PhD degree should apply.

Selection Procedure

All applications received by the following deadline will be considered: **10 February, 2024**.

Only candidates meeting the relevant eligibility criteria will be short-listed by a committee. A final selection may involve an interview if more than one competitive candidate has been shortlisted. The position will remain open until a hire is made.

Shortlisted/selected candidates will be informed by email.

Emoluments and Tenure

Emoluments shall be at the same level as DST Project Scientist (I) with a monthly salary of ₹56,000 plus House Rent Allowance (HRA). Contingency for travel and research related expenditures of up to ₹100,000 per year would be made available to the candidate.

Initial appointment would be for one year and may be extended based on performance and availability of funding from any source.

Required Documentation and Instructions for Emailing Applications

1. You will need a functional (personal) email-id for your application.
2. Please have your picture (soft copy, preferably in JPG format) ready.
3. Please read the eligibility criteria above carefully.
4. Application package: A CV in PDF format with at least the following information: 1) complete contact details, 2) embedded photograph, 3) date of birth, 4) educational qualification and performance (including year of degree, institution) starting with your BSc or equivalent examinations until your highest degree, 5) complete list of publications, 6) brief summary of your thesis research highlighting how it aligns with the advertised position (within 500 words), 7) list of two professional referees and their complete contact details including official email who may be contacted if deemed necessary, 8) list of technical or professional skills, 9) any other information that you may like to bring to the selection committee's attention. You must send in a complete application as a single (PDF) file. Incomplete applications will be rejected.

5) Email your application file (named surname_firstname.pdf) with the subject "Project Scientist Application: SURNAME FIRSTNAME" to:

cessi AT iiserkol DOT ac DOT in

Replace the ATs and DOTs with appropriate symbols.

Note: Please check www.cessi.in often for updates and notifications.