Inter-University Centre for Astronomy & Astrophysics, Pune,
(An autonomous institution under the University Grants Commission, Govt. Of India)

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ADVERTISEMENT NO. 11/2025

- **Name of Post: Software Engineer (SUIT Project)**
- **No. of Post:** One (**Purely on Contract Basis through Outsourced Agency**)
- **Pay / Remuneration:** Consolidated salary of Rs. 35,000/- p.m (Negotiable based on experience)
- **Duration:** 01 Year (Extendable based on performance and norms of IUCAA)
- **Age Limit:** 35 years.
- **Qualification & Experience:**

Essential: First-Class Degree in Engineering (Electronics, Computer Science, IT or related fields)/ Master's in Physics, Computer Applications, Electronics, or Mathematics.

Experience:

   (i) 03 years of experience in design, development, testing and operation of space instruments for scientific applications.

Skills:

   (i) Proficiency in programming with Python and C/C++ is required for this project. Familiarity with other high-level programming languages like Interactive Data Language (IDL) with Java, web development tools like PHP, Databases and management tools, will be preferred.

- **Duties & Responsibilities:**

The successful candidate will have the following responsibilities (not limited to):

   1. **Mission Operations:**
       - Designing and testing of new programme sequences.
       - Command generation for the instrument to be uploaded to the spacecraft to configure various parameters for onboard intelligence modules based on mission requirements.
       - Coordinating with mission operation and ground segment teams for scheduling and validation of commands and their execution.

   2. **Data Validation:**

       - Cross checking of the acquired science data against uploaded program and instrument configuration.
       - Validation of performance of modules such as flare localization, auto-exposure and onboard calibration sequences.

- **Note: -**
       - The work will be primarily at the SUIT Payload Operations Centre (POC) at IUCAA, Pune. Based on requirements, it may sometimes be necessary to work out of office hours and during weekends and holidays.
       - Occasional travel to various ISRO centres, collaborating institutes and vendors for material transfer, testing, inspection etc. also is expected.
       - The Institute reserves the right to restrict the number of candidates for the recruitment process to a reasonable limit on the basis of the qualifications and experience prescribed in the advertisement.
       - Mere fulfilling the essential and desirable qualifications will not entitle an applicant to be called for the recruitment process.
       - The Institute reserves the right not to fill the post herein advertised. Canvassing in any form shall disqualify the candidate.

Last Date to apply: 31 December 2025

Website: - https://www.iucaa.in/en/opportunities