



दूरभाष Ph : 91-80-25530672-76

## भारतीय ताराभौतिकी संस्थान **INDIAN INSTITUTE OF ASTROPHYSICS**

(विज्ञान व प्रौद्योगिकी विभाग, भारत सरकार के अधीन स्वायत्त संस्थान)

(An Autonomous Body under Department of Science & Technology, Government of India)

कोरमंगला Koramangala, बेंगलूरु BENGALURU -560034

**Advt. No. IIA/09/2020 dated 17<sup>th</sup> December, 2020**

### **This Recruitment is a special drive for Ladakh Region**

Indian Institute of Astrophysics (IIA) is an autonomous academic national institution under Department of Science & Technology, Govt. of India dedicated to research in Astronomy, Astrophysics and Allied Sciences & Technology. The Institute has its main campus in Koramangala, Bengaluru and CREST campus at Hosakote, Bengaluru. It operates field stations at Kavalur & Kodaikanal in Tamil Nadu, Gauribidanur in Karnataka, and Leh/Hanle, Union Territory of Ladakh.

Indian Astronomical Observatory, high-altitude station of IIA is situated at an altitude of 4500 meters above mean sea level to the north of Western Himalayas. The site is a dry, cold desert with sparse human population. The cloudless skies and low atmospheric water vapour make it one of the best sites in the world for optical, infrared, sub-millimeter and millimetre wavelengths.

Apart from maintenance, calibration and synchronization works, there are various developmental works ongoing at IAO, specifically: 50cm equatorial telescope motion control system and high level control software development, Multi-Aperture Scintillation Sensor (MASS)-Differential Image Motion Monitor (DIMM) Alt-Az telescope motion control system and control software development, augmentation of dome automation and its control software, code checks and tests in co-ordination with IITB-IIA for robotic GROWTH India telescope (Global Relay of Observatories Watching Transients Happen) etc.

Online applications are invited from young, dynamic and highly motivated individuals for the following position to work for National Large Optical Telescope (NLOT) project at Indian Astronomical Observatory, Hanle/Leh.

<b>Name of the Position</b>	:	<b>PROJECT ENGINEER (SOFTWARE)</b>
<b>Remuneration</b>	:	Rs. 50,000/- per month (Consolidated)
<b>No. of position</b>	:	One
<b>Place of Posting</b>	:	Indian Astronomical Observatory, Hanle/Leh, Union Territory of Ladakh (15000ft amsl)
<b>Age Limit</b>	:	32 years
<b>Qualification</b>	:	B.E/B.Tech in Computer Science or equivalent with at least 60% marks in the aggregate from a recognized University/Institution.

## **Experience:**

**Essential:** Minimum two years experience in software industry/public sector/government establishments after graduation/post-graduation, involvement in cross-platform GUI software development based on Java/Python/C/C++/.Net, software testing and integration, using data analysis tool and web development with latest technologies. Should have proficiency in unix/linux operating system, network management and security.

**Desirable:** Higher educational qualification with expertise in embedded system, precision control system, and exposure to embedded C programming. Working experiences at high altitude above 11000ft msl will be highly desirable.

## **Job Description:**

The selected candidate will be associated with various development works at IAO field station, Hanle. Sole responsibility will be handling all sort of software related activity. Should be proficient in writing embedded program for telescope control system as well as robust user interface software and web application. **Candidate will have to conduct telescope controls test and observation work at high altitude field station “Indian Astronomical Observatory, Changthang, Hanle, Ladakh” 15000ft amsl, under sub-zero temperature.**

## **Terms & Conditions:**

1. The appointment is purely temporary on contract basis and does not confer any privilege or benefit applicable to regular employment. No claim whatsoever for regular employment in the Institute shall be entertained.
2. The tenure of appointment is initially for one year, may continue till the duration of the project and will co-terminus with the project completion. Continuation of contract of appointment is subject to satisfactory performance of the candidate and requirement of the project as assessed by the Institute on annual basis.
3. The remuneration indicated is a consolidated and is inclusive of all allowances.
4. There will be annual increase in the remuneration based on satisfactory performance.
5. The date of determining the upper age limit, qualifications and experience shall be the closing date prescribed for receipt of completed applications.
6. Age relaxation is permissible to SC, ST & OBC candidates and also to physically handicapped candidate as notified by Government of India from time to time.
7. The candidates selected will be posted to work in Indian Astronomical Observatory, IIA, Leh/Hanle, Ladakh and are liable to be posted anywhere in India as per the requirement of the Project.
8. Outstation candidates called for interview will be reimbursed to and fro train/bus fare by the shortest route limited to second sleeper class railway fare on production of tickets.
9. The prescribed educational qualifications are minimum required and mere possession of the same does not entitle candidates to be called for interview. Where the number of applications received in response to the advertisement is large and it will not be convenient or possible for the Institute to interview all those candidates, the Institute reserves the right to limit number of candidates to be called for interview on the basis of qualifications and experience higher than the minimum prescribed in the advertisement and also conducting written test.

10. Candidates of Indian Nationality only can apply for this position.
11. The Institute reserves the right to cancel the entire recruitment process at any time without assigning any reasons whatsoever.
12. No correspondence will be entertained with the candidates not selected for interview/appointment. Canvassing in any form will be a disqualification.
13. **Candidates meeting the above requirements and willing to be considered for the above said position may submit application through online only.** Candidates are required to upload their latest passport size photograph, scanned documents such as Curriculum Vitae (CV), Date of Birth Proof, Educational Qualification Certificates, Experience and Community Certificates in the online application.
14. Misrepresentation or falsification of facts detected at any stage of the selection process or instances of misconduct/misbehavior at any stage during selection process shall result in cancellation of candidature without any notice and no correspondence in this regard shall be entertained.
15. The last date for receipt of online application is **20.01.2021**.
16. For registration, please visit: **[https://www.iiap.res.in/iaa\\_jobs/](https://www.iiap.res.in/iaa_jobs/)**

**प्रशासनिक अधिकारी Administrative Officer**