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, बेंगलूर BANGALORE -560034

Advt. No. IIA/05/2019 dated 25th March, 2019.

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 Physics. The Institute has its main campus in Koramangala, Bangalore and CREST Campus at Hosakote, Bangalore. It operates field stations at Kavalur & Kodaikanal in Tamil Nadu, Gauribidanur in Karnataka, and Leh/Hanle in Jammu & Kashmir. The Institute has taken up the responsibility of building space-based Visible Emission Line Coronagraph (VELC) on Aditya-L1 mission along with Indian Space Research Organisation.

Online applications are invited from dynamic and highly motivated individuals for the following positions to work in the Aditya Project:

Name of the position : **PROJECT ENGINEER – I (Instrumentation)**

No. of position : One

Remuneration : Rs. 75,000/- per month (Consolidated)

Age : Below 32 years

Place of posting : Bangalore

Educational Qualification: M.Tech (Optical Engineering/Astronomy Instrumentation/Optics) from a reputed Institution or University.

Work Experience: (a) Essential: Candidates should have two or more years of experience in activities related to design/build/test/calibration of optical instruments or worked in the area of adaptive optics in reputed institutions.

(b) Desirable: Knowledge of hardware design, development of closed loop control software, image processing, testing and troubleshooting are essential. Must be proficient in ZEMZAX, LabVIEW, Python, Matlab and C/C++. Must be familiar with Unix/Linux platform and windows platform.

Job description: Selected candidate will be involved in the following activities:

1. Design and Develop experimental setups for component and system level testing of VELC, data acquisition and analysis.
2. To take part in VELC sub-system level tests & calibration, pay-load integration and system level calibration.
3. Develop codes for analyzing the data obtained from various experiments.

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 and extendable 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 judged 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 the project at IIA, Bengaluru 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.

10. Candidates of Indian Nationality only can apply for this post.

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 <u>submit application through online only</u>**. Candidates are required to upload their scanned Curriculum Vitae (CV), Date of Birth Proof, Educational Qualification, 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/misbehaviour 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 application is <u>06.05.2019</u>.**

16. Important dates to remember:

a. **Opening date for on-line registration: 26.03.2019.**
b. **Closing date for on-line application : 06.05.2019.**

17. For registration, please visit: https://www.iiap.res.in/iia_jobs/

प्रशासनिक अधिकारी **Administrative Officer**