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## **INDIAN INSTITUTE OF ASTROPHYSICS**

(An Autonomous Body Under Department of Science & Technology,  
Government of India)  
Koramangala, BANGALORE -560034

**Advt. No. IIA/5/2017 dated 03-04-2017**

The Indian Institute of Astrophysics (IIA) is an autonomous academic national institution of the 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 position to work in the Aditya Project:

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

**No. of position:** One

**Remuneration:** Rs. 50,000/- per month (Consolidated)

**Age:** Below 32 years

**Place of posting:** Bangalore

**Educational Qualification:** Full time graduate degree in BE/B.Tech in Mechanical Engineering with a minimum of 60% marks in the aggregate or equivalent grade from a recognised University/ Institution.

**Work Experience: (a) Essential:** 2 years of experience of working in a reputed Research Organization. Having hands on experience in CAD and FE tools (like NX Nastran, Hyperworks) to generate solid and FE models, assemblies and to carry out simulations for dynamic load spectrums. Hands on experience in Thermo elastic analysis, non linear and transient thermal dynamics. Proficiency in interpreting fabrication drawings, inspection reports.

**(b) Desirable:** Proficiency in design of aerospace components and systems, especially opto-mechanical systems for dynamic and thermal loads. Knowledge of environmental tests and protocols. Design and Analysis of Optical instruments/ Payloads for Space applications using CAD tools like NS NASTRAN are an advantage. Operational knowledge of the Mechanical Engineering drafting software like Auto CAD and also Microsoft Office software is an advantage. Vendor development for fabrication and metrology. Flair for system integration and testing is an advantage.

**Job description:** The job involves, carrying out design, modelling and analysis of opto-mechanical components/systems, preparation of fabrication drawings, vendor development for fabrication and playing front end role in system integration and testing.

## 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 last till the duration of the project and will co-terminate 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. 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.
8. 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.
9. Candidates of Indian Nationality only can apply for this post.
10. The Institute reserves the right to cancel the entire recruitment process at any time without assigning any reasons whatsoever.
11. No correspondence will be entertained with the candidates not selected for interview/appointment. Canvassing in any form will be a disqualification.
12. Candidates meeting the above requirements and willing to be considered for the above said position may submit application through online only.
13. 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.
14. **The last date for receipt of application is 02.05.2017.**
15. Important dates to remember
  - a. **Opening date for on-line registration: 03.04.2017.**
  - b. **Closing date for on-line registration: 02.05.2017.**
16. For registration, please visit: [www.iiap.res.in/jobs](http://www.iiap.res.in/jobs)