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INDIAN INSTITUTE OF ASTROPHYSICS
(An Autonomous Body under Department of Science & Technology,
Government of India),
Koramangala, Bengaluru-560034

Advt.No. IIA/7/2017 dated 20th June, 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 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, Ladakh in Jammu & Kashmir.

India has joined the Thirty Meter Telescope (TMT) project, the next generation astronomical observatory that will be located on Mauna Kea, Hawaii. India's participation in the TMT Project, led by the Indian Institute of Astrophysics (IIAP, Bengaluru, Inter University Centre for Astronomy and Astrophysics (IUCAA), Pune and Aryabhata Research Institute for Observational Sciences (ARIES), Nainital is coordinated by the India TMT Coordination Centre (ITCC) hosted at IIA, Bengaluru. The TMT project is an international partnership between California Institute of Technology (CalTech), Universities of California, Canada, Japan, China and India. More details about the project may be obtained from <http://tmt.iiap.res.in>

The Thirty Meter Telescope (TMT) will be the world's most advanced ground-based observatory that will operate in optical and mid-infrared wavelengths. It will be equipped with the latest innovations in precision control, phased array of mirror segments and laser guide star assisted adaptive optics system. At the heart of the telescope is the segmented mirror, made up of 492 individual hexagonal segments, each 1.44-m in size. Precisely aligned, these segments will work as a single reflective surface of 30-m diameter. India is responsible for providing various critical hardware components and software to the telescope as part of in-kind contribution. Manufacturing of the sub-systems by Indian industry are at various stages.

Online applications are invited from dynamic and highly motivated individuals for the following position to work at the India TMT Co-Ordination Centre:-

Post No.: 07/2017/5

Name of the Post:	Project Scientific Associate-I
No. of post :	Two
Age Limit :	32 years
Remuneration :	Rs. 40,000/- per month (Consolidated)
Place of Posting :	Bengaluru

Educational Qualification: M.Sc (Physics/Optics/Applied Optics) or B.E/B.Tech in Instrumentation/Optics with a minimum of 60% marks from a recognized University/Institution.

Experience in design and analysis in ZEMAX, Python/Matlab packages is desirable.

Job Description: Selected candidates will work with India-TMT instrumentation development team. The work will be related to optical design, development and design analysis of instruments for the thirty meter telescope. The instruments are primarily imaging and spectrographs that operate in wavelength range of 0.31 to 25 microns. Candidates should have proficiency in design and analysis in ZEMAX, Python/Matlab packages. As the work involves astronomical instrumentation basic astronomy understanding is necessary. Job also includes preparing technical documents and reports. Also as the work involves collaboration with international groups, good communication skill is essential.

Terms & Conditions:

1. The appointment is purely on contract basis and does not confer any privilege or benefit applicable to regular employees. 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 project and will co-terminate with the project completion. Continuation of contract appointment is subject to (a) requirements of the Project, and (b) satisfactory performance of the candidate.
3. The remuneration indicated is a consolidated and is inclusive of all allowances.
4. There will be annual increase 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 ITCC/IIA, Bengaluru and are liable to be posted anywhere in India as per the requirement of the Project.
8. Candidates fulfilling the eligibility condition, desiring of applying more than one position, must apply separately for each position.
9. Outstation candidates called for interview will be reimbursed to and from train/bus fare by the shortest route limited to second sleeper class railway fare on production of tickets.

10. 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.
11. Candidates of Indian Nationality only can apply for this post.
12. The Institute reserves the right to cancel the entire recruitment process at any time without assigning any reasons whatsoever.
13. No correspondence will be entertained with the candidates not selected for interview/appointment. Canvassing in any form will be a disqualification.
14. Candidates meeting the above requirements and willing to be considered for the above said position may submit application through online only.
15. 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.
- 16. The last date for receipt of application is 19.07.2017**
17. Important dates to remember
Opening date for on-line registration: 21.06.2017
Closing date for on-line registration: 19.07.2017
18. For registration, please visit: <https://www.iiap.res.in/job.htm>

Senior Administrative Officer