



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, बेंगलूर BANGALORE -560034

Advt. No. IIA/02/2020 dated 16.01.2020

The 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, 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 which includes, Primary Mirror Segment polishing, Segment Support Assembly (SSA), M1 and M2/M3 Coating chambers, Edge Sensors, Actuators, SCC components, Telescope Control System, Observatory Software, etc. 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 positions to work at the India TMT Coordination Centre:-

Name of the Post	:	Post Doctoral Fellow
No. of post	:	One
Age Limit	:	36 years
Place of posting	:	Bangalore

Qualification: PhD in observational astronomy with good academic record. Candidates who have submitted their thesis in a reputed university may be considered for interview. Research experience in optical/NIR observational astronomy and skills in computer programming for data analysis are essential. Experience in handling large data sets and spectral energy distribution (SED) analysis are desirable.

Fellowship of : Rs 47,000 p.m for a fresh PhD.

Rs. 49,000 pm for those with a minimum of 1-2 years of post-doctoral experience.

Rs. 54,000 pm for those with more than two years experience.

Plus HRA as applicable rates for Bangalore City. Medical facilities for self only.

IIA has limited accommodation for PDFs that will be provided subject to availability

Duration : Initially for one year with scope of extension based on satisfactory performance.

Job Description: The post doctoral fellow will work on various science and instruments work packages of Thirty Meter Telescope (TMT) project which are led by India TMT. In the first year of the position the post doctoral fellow will mainly work on the project "Generation of near Infrared Guide Star Catalog for Thirty Meter Telescope Observations" which is one of the India-TMT work packages. He/She will also contribute to various outreach activities of India TMT.

Terms & Conditions:

1. The fellowship 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 date of determining the upper age limit, qualifications and experience shall be the closing date prescribed for receipt of completed applications.
4. 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.
5. 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.
6. 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.
7. 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.
8. The Institute reserves the right to cancel the entire recruitment process at any time without assigning any reasons whatsoever.

9. No correspondence will be entertained with the candidates not selected for interview/appointment. Canvassing in any form will be a disqualification.
10. **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 scanned Curriculum Vitae (CV), Date of Birth Proof, Educational Qualification, Experience and Community Certificates in the online application.
11. 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.
12. The last date for receipt of online application is 02.03.2020.
13. Important dates to remember:
 - a. **Opening date for on-line application: 17.01.2020.**
 - b. **Closing date for on-line application: 02.03.2020.**
14. For registration, please visit: https://www.iiap.res.in/iaa_jobs/

प्रशासनिक अधिकारी Administrative Officer