



INDIAN INSTITUTE OF ASTROPHYSICS
(An Autonomous Body under Department of Science and Technology, Govt. of India)
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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 for the following position from the eligible candidates to work in the India TMT project on optics and instrumentation:

- Name of the position** : **POST DOCTORAL FELLOW**
- No. of position** : One
- Educational Qualification** : Ph.D in the area of Optics or/and instrumentation from a recognized University / Institution.
- Age:** : Below 36 years
- Fellowship** : Rs..40,000/- per month + admissible HRA
- Tenure** : Initially for a period of one year and extendable for two more years based on the performance of the candidate and availability of funds.

Place of work : The position is primarily at IIA, Bangalore , but may require visits to other India-TMT principal institutes. Job may require travels abroad.

Scope of the work: Selected candidate will be associated with instrument related activities of India TMT project, in particular work related to TMT-WFOS, TMT-HRS design, simulation, metrology. Skills in computer programming and design software tools are desirable qualifications.

Terms & Conditions :

- 1) The appointment is purely on temporary basis and does not entitle any privileges or benefits of regular employment.
- 2) The date for determining the upper age limit, qualifications and experience shall be based on the receipt of completed applications.
- 3) Age relaxation is permissible to SC, ST & OBC candidates and also to physically handicapped candidates as notified by Govt. of India from time to time.
- 4) 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 has the right to limit the candidates to be called for written test/interview on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
- 5) Outstation candidates called for written- test/interview will be reimbursed to and fro train / bus fare by the shortest route limited to 3 AC railway fare on production of original tickets.
- 6) The Institute reserves the right to cancel the entire recruitment process at any time without assigning any reasons whatsoever.
- 7) No correspondence will be entertained with the candidates not selected for interview / appointment. Canvassing in any form will be a disqualification.
- 8) Candidates meeting the above requirements and willing to apply for the position may submit application **through online only**.
- 9) 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.
- 10) **The last date for receipt of application is 2-12-2016.**
- 11) For registration, please visit: www.iiap.res.in/jobs/

Senior Administrative Officer