



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, बेंगलूरु BENGALURU -560034

Advt.No.IIA/20/2021 dated 27.12.2021

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, Bangalore and CREST Campus at Hosakote, Bangalore. It operates field stations at Kavalur & Kodaikanal in Tamilnadu, Gauribidanur in Karnataka, and Leh/Hanle in Union Territory of Ladakh.

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 (IIA), 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 can be found at <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:

Name of the position	:	SENIOR CONSULTANT (Mechanical) (Quality Control and Assurance)
No. of position	:	One
Place of Posting	:	Bengaluru

Educational Qualification & Experience:

Graduate degree in Mechanical/ Production/Industrial Engineering or with minimum of 60% marks in the aggregate or equivalent grade from a reputed and recognized University/Institution under UGC or Central or State Governments.

or

M.Tech in Mechanical/ Production/Industrial Engineering/ Quality Management with minimum of 60% marks in the aggregate or equivalent grade from a reputed and recognized University/Institution.

- a) Retired Govt. Servants with age 63 years and below / Govt. servants retiring as on 31.12.2021 from Central Government/Central Autonomous Institutions in the pay level of 12 or 13 for having worked at least 10 years experience in the area of Quality Control/Quality Assurance in Mechanical manufacturing and assembly area are eligible to apply for the post. Should have Knowledge of CMM inspection, GD&T drawing reading, measuring instruments & methods. Good in documentation, MS office and good communication skills, Production methods, CAD modeling and drawing, Surface treatments, NDT methods, knowledge of welding technology and defects.
- b) The candidates working in reputed private industry having similar experience as mentioned above with age 60 years and below can also apply.

Remuneration

- For Retired Government Employees: Fixed monthly remuneration will be at the rate of Last Basic Pay Drawn minus Basic Pension plus Transport Allowance not exceeding the rate applicable at the time of retirement.
- For Private Sector Employees: Consolidated monthly remuneration of Rs. 75,000/- (inclusive of all).

Nature of Job:

The selected candidate will be a member of India-TMT Team in Bengaluru and will participate in the activities of the team in production and supply of India's share of TMT hardware the main roll being:

- Review and Implement methods to inspect with required precision, reliability and accuracy of processes of the production parts and assemblies as per ASME Y14.5 2009 standards.
- Develop and establish quality procedures and systems for inspecting plans, quality trends, statistical plan price estimates and technical quality proposal plans. Analyze quality performance using statistical and analytical tools and methods.
- Review of manufacturer process control and quality control documents adhere to the set requirements.
- Processing of non-conformances by involving in failure analysis and corrective actions review and disposition suggestion.
- Coordinate with suppliers and Project TMT team relating to quality trends, performance and corrective action and organizing meetings with the team to understand and resolve the issues.
- Verify conformance and productivity of quality engineering system through supplier audits and surveys.

- Review all production quality aspects like planning, manufacturing methods and process specifications, obtain and review FMEA process.
- Interact with multiple manufacturing industries to optimize documentation related to quality and inspection checks.
- Review, clear and upload EIDPs from the manufacturing industry for all parts and assemblies.
- Interact with the India TMT team in all the above, guide and lead the junior team members in all of the above.

The job requires to work/attend the reviews/meetings outside the office hours and candidate should be willing work outside the office hours.

A positive performance in this role will lead to increased responsibilities and an opportunity to grow within the project. Job may require frequent travels within the city and outstation.

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. Continuation of contract appointment as per consultant norms and 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 India TMT Coordination Centre (ITCC)/IIA, Bengaluru and are liable to be posted anywhere in India as per the requirement of the Project.
8. Interview can be online or in person. Outstation candidates called for interview in person 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 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.
14. 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.
15. **The last date for receipt of online application is thirty days from the date of publishing in IIA website.**
16. For registration, please visit: https://www.iiap.res.in/iiap_jobs/

प्रशासनिक अधिकारी **Administrative Officer**