



भारतीय खगोलभौतिकी संस्थान / INDIAN INSTITUTE OF ASTROPHYSICS

(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An Autonomous Body under Department of Science & Technology,
Government of India)

कोरमंगला Koramangala, बेंगलुरु Bengaluru - 560034

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Advt. No. IIA/06/2025-26 dated 21.05.2025

Indian Institute of Astrophysics (IIA) is an autonomous academic national institution of the Department of Science & Technology, Government of India, dedicated to research in Astronomy and Astrophysics. The Institute has its main campus in Koramangala, Bengaluru. The Institute also has field stations/campus across the country: 1) Center for Research and Education in Science & Technology (CREST), Hosakote, Bengaluru; 2) Radio Astronomy Field Station, Gauribidanur, Karnataka; 3) Vainu Bappu Observatory (VBO), Kavalur, Tamil Nadu; 4) Kodaikanal Solar Observatory (KSO), Kodaikanal, Tamil Nadu and 5) Indian Astronomical Observatory (IAO), Leh/Hanle, Union Territory of Ladakh.

Indian Institute of Astrophysics (IIA) has initiated a comprehensive education and outreach program through Cosmology Education and Research Training Centre (COSMOS) an upcoming LED Dome planetarium and a research training centre at Mysuru, Karnataka and online applications are invited from young, bright and highly motivated individuals for the following regular posts at Mysuru, Karnataka. The details of the post, Upper Age Limit, Essential qualifications and experience are as follows:

1. Job ID: IIA/06/2025-26/1

Name of the post	Scientific Officer
No. of post & Category	01(One) - Unreserved
Pay Scale	Level -10 (Rs.56100-177500) of VII CPC.
Essential Qualification and Experience	Master's degree in Physics/Mathematics/Space sciences or related areas from a recognized University or Institute with 03 years relevant experience in Science Communication (Verbal/Written) in Astronomy, Physics and General Science to the public. OR PhD degree in Physics/ Mathematics/ Space Sciences or related areas with good research contributions.
Desirable	1. Proficiency in English and Kannada. 2. Good communication skills and good record of working with teams. 3. Hands on experience with data analysis tools and techniques apart from science communication and outreach activities
Age Limit	35 Years
Job description	To lead educational, training and research activities at COSMOS and to perform any other duties as assigned by Controlling Officer / Reporting Officer from time to time.
Place of posting	Mysuru, Karnataka

2. Job ID: IIA/06/2025-26/2

Name of the post	Scientific Assistant
No. of post & Category	02(Two) - Unreserved
Pay Scale	Level -07 (Rs.44900-142400) of VII CPC.
Essential Qualification and Experience	Full time Bachelor's degree in Physics/ Mathematics from a recognized University or Institute with 02 years relevant experience in Science Communication (Verbal/Written) in Astronomy, Physics and General Science to the public.
Desirable Qualification	1. Master's Degree in Physics/ Mathematics/ Space Science or related areas. 2. Proficiency in English and Kannada. Good communication skills and good record of working with teams. 3. Hands on experience with data analysis tools and techniques apart from science communication and outreach activities.
Age Limit	30 Years
Job description	To support educational, training and research activities at COSMOS and to perform any other duties as assigned by Controlling Officer / Reporting Officer from time to time.
Place of posting	Mysuru, Karnataka

3. Job ID: IIA/06/2025-26/3(i)

Name of the post	Junior Technical Officer
No. of post & Category	01 (One) –Unreserved
Pay Scale	Level -07 (Rs.44900-142400) of VII CPC
Essential Qualification and Experience	<u>Qualification:</u> Diploma in Electrical and Electronics Engineering (DEE) or equivalent from AICTE recognized institutes/ polytechnics. <u>Experience:</u> 3 years' experience in the following fields: a) LED display systems operations, maintenance and trouble shooting. b) Electrical power systems operation and maintenance. c) Experience in Development, maintenance and upgrading of general electrical and electronics systems. d) Maintenance of building management system, access control, CCTV and fire alarm suppression systems. e) Proficiency in RCAD, Populating components on PCS, soldering. f) Ability to work at heights of confined places such as DOME's CATWALKS etc. g) Proficiency in developing and maintaining technical documentation, drawings and manuals.
Desirable	Strong understanding of electrical and digital electronics systems, specialized expertise in LED display systems. Operation, Maintenance and troubleshooting of Electrical power systems both HT and LT sides. Experience in power distribution systems.
Age Limit	30 years
Place of posting	Mysuru, Karnataka
Job description	Maintenance and operation of LED display systems, CCTV systems situated at heights, CATWALKS, building management systems Operation, maintenance, upgrading and troubleshooting of electrical powers systems. Preparation and maintenance of technical documents and records. Also to perform any other duties as assigned by Controlling Officer / Reporting Officer from time to time.

4. Job ID: IIA/06/2025-26/3(ii)

Name of the Post	Junior Technical Officer
No. of post & category	01 (One) –Unreserved
Pay Scale	Level -07 (Rs.44900-142400) of VII CPC
Essential Qualification and Experience	<p><u>Qualification:</u> Diploma in Mechanical Engineering (DME) or equivalent from AICTE recognized institutes/ polytechnics.</p> <p><u>Experience:</u> 3 years' experience in the following fields: a) HVAC systems operations, maintenance and trouble shooting. b) Experience in Development, maintenance and upgrading of mechanical systems. c) Maintenance of building management system, access control, CCTV and fire alarm suppression systems. d) Proficiency in CAD systems such as AUTODESK INVENTOR/ SOLID WORKS. e) Ability to work at heights of confined places such as DOME's CATWALKS etc. f) Proficiency in developing and maintaining technical documentation, drawings and manuals.</p>
Desirable	Strong understanding of mechanical systems including structural, thermal and digital systems. Mechanical components/systems design analysis, fabrication and installations. Experience in material handling and storage. Experience in VRF systems.
Age Limit	30 years
Place of posting	Mysuru, Karnataka
Job description	Maintenance and troubleshooting of HVAC, VRF, CCTV systems and other general mechanical systems. Execution/supervision and co-ordinating mechanical systems design/fabrication drawing (2D/3D CAD), fabrication, installations, material handling and storage. Preparation and maintenance of technical documents and records. Also to perform any other duties as assigned by Controlling Officer / Reporting Officer from time to time..

A. How to apply:

- 1) Eligible candidates should **apply online** through Institute website https://www.iiap.res.in/iiap_jobs/. Candidates are required to upload their scanned recent photograph, date of birth certificate, educational/technical qualification certificates, Degree certificate, experience certificates, valid caste certificate etc declared in the application form and also Curriculum Vitae (CV). Educational/technical certificates and experience certificates should be uploaded separately in a single scanned pdf file. Experience certificate from the concerned employer including present employer in their letter head along with authorized signature and seal only will be considered as proof of experience. Offer letter, joining letter, pay slip etc., will not be considered as experience proof.
- 2) Applicants should keep ready all scanned documents before submission of application. The uploaded documents should be visible/ readable.
- 3) Online application without uploading all the required above stated documents will be summarily rejected and the uploaded documents which are not visible/readable will also not be considered. No further correspondences with the candidates in this regard will be made.

- 4) Candidates are requested to first register themselves by entering their name and e-mail address in the appropriate fields after clicking the "Register/Create New Account" button. An e-mail will be sent to the candidate's e-mail address which contains all the details of creating a password or one-time password (OTP) for initial logging-in. Later you can reset your password by editing your 'Account'. After successful registration, candidates can fill up the application form by logging in using the user name and password. Upon registration, candidates will be provided with an on-line Registration Number, which should be carefully preserved for future reference. After successful uploading of application form, applicants will receive an acknowledgement of application to their e-mail ID given in the application. Applicants are required to take out the print out of the online application and keep with them for future reference.
- 5) E-mail ID of the applicant will have to be provided in the application correctly and compulsorily for communication purpose.
- 6) Candidates already employed in Central Government / State Government/ Government Autonomous Institutions / Semi Government Institutions/ PSU's/ Public Sector Banks etc., should compulsorily forward their application through proper channel after successful registration of online application. The forwarding letter along with copy of online application and relevant supporting documents (self-attested) with respect to Education and experience claimed with recent passport size photo pasted should be sent to **The Administrative Officer, Indian Institute of Astrophysics, Department of Science and Technology, Sarjapura Road, 2nd Block, Koramangala, Bengaluru – 560 034 superscribing “Application for the post offorwarding through proper channel ”** within a month from the closing date of online application failing which such application will not be considered.
- 7) All details furnished in the online application will be treated as final and no changes shall be entertained later at any stage. Applicant will be solely responsible for the entries made in the application form.
- 8) In case of any difficulties in filling application form, please contact: webmaster@iiap.res.in.

B. Selection Process:

1. Selection to the post of Scientific Officer at Sl No. 1 Job ID: IIA/06/2025-26/1 will be on the basis of personal interview &/or written test. For all other posts the selection will be based on written test &/or skill test.
2. Initial Screening of applications will be conducted based on the essential qualification and experience. However, where the number of applications received in response to the Advertisement is large and it will not be convenient or possible for the IIA to conduct interview &/or written test/skill test to all those candidates and the institute has the right to limit the candidates to be called for interview &/or written test/skill test on the basis of qualifications and experience higher than the minimum prescribed in the Advertisement.

3. The Syllabus for Written test &/or skill test for the posts is as follows:

SL No.	Name of the Post	Syllabus for written test &/or skill test
01.	Scientific Assistant (Job ID: IIA/06/2025-26/2)	
	(a) Written Test	<p>General English, general awareness, Quantitative aptitude, logical reasoning and subject/domain knowledge from the following:</p> <p>1. Physics</p> <p>a) Basics: Units of measurement and dimensions.</p> <p>b) Optics: Basics of optics, working of telescopes, spectrometers.</p> <p>c) Classical mechanics: Central force, Newtonian gravity, orbits of planets, Keplers Laws, two body problem.</p> <p>d) Quantum mechanics: Basic principles, Bohr atomic model, nuclear fusion and fission.</p> <p>e) Atomic and molecular physics: Constituents of an atom, periodic table of elements, simple molecules, spectral lines.</p> <p>f) Electromagnetism: Basics of electrostatics, currents, magnetic field, force on charged particle in electromagnetic field, photons, electromagnetic spectrum.</p> <p>g) Waves: interference, diffraction, resolution of aperture.</p> <p>h) Thermodynamics: kinetic theory of gases, ideal gas, specific heat, isothermal and adiabatic processes.</p> <p>i) Mathematical physics: mean, median, probability distribution functions, trigonometry</p> <p>2. Astronomy</p> <p>a) Positional astronomy: Celestial sphere, directions, ecliptic, RA & Declination coordinate systems, motion of Sun, and planets, geocentric vs heliocentric model.</p> <p>b) Earth: coordinate systems, axial tilt, seasons, precession, shape of earth, atmosphere.</p> <p>c) Solar system: formation, constituents and their scales and sizes, cometary tails, impact craters.</p> <p>d) Stars and galaxies: Colours and brightness of stars, classification, HR diagram, evolution and death of stars, origin of elements, size and shape of galaxies, constituents of galaxies.</p> <p>e) Cosmology: Big Bang theory, history of Universe.</p> <p>f) Observational astronomy: Types of telescopes, Indian telescopes, resolution and sensitivity.</p>
	(b) Skill Test	Professional Competence / skill test.

02.	Junior Technical Officer (Job ID: IIA/06/2025-26/3(i))	
	(a) Written Test	General English, general awareness, Quantitative aptitude, logical reasoning and technical subject/domain knowledge from the Electrical and Electronics Engineering. Skill Test will be practical in nature to test the hands on skill in the Electrical and Electronics engineering domain.
	(b) Skill Test	Professional Competence / skill test.
03.	Junior Technical Officer (Job ID: IIA/06/2025-26/3(ii))	
	(a) Written Test	General English, General awareness, Quantitative aptitude, logical reasoning and technical subject/domain knowledge from the Mechanical Engineering. Skill Test will be practical in nature to test the hands on skill in the mechanical engineering domain.
	(b) Skill Test	Professional Competence / skill test.

The applicants may please note that the syllabus mentioned above is only indicative in nature and not exhaustive.

4. The candidates applying for the posts should ensure that they fulfil all the eligibility conditions for the post. Their admission to any stage of the selection process will be purely provisional subject to confirmation that they satisfy the prescribed eligibility conditions. Mere issue of call letter to the candidate will not imply that his/her candidature has been found eligible.
5. No correspondence whatsoever will be entertained from candidates regarding conduct and result of interview&/or written test/skill test and reasons for not being called for interview&/or written test/skill test.
6. Qualification and experience prescribed as the minimum requirement does not automatically make candidates eligible for interview&/or written test/skill test. Admission card for Written &/or skill test will be sent only through registered E-mail ID.
7. Interview / Written test &/or skill test for the all posts will be held at Bengaluru only.
8. Candidates applying for more than one post should submit separate application form for each post.
9. After successful online submission of the application, a printout of the application form must be obtained and submitted by the candidate when called for interview&/or written test/skill test. The Hard copy of the application is NOT to be sent to the Institute except for the candidates applying through proper channel as mentioned in Para No.A(6).
10. Final list of selected candidates will be notified in the Institute website.

C. Other Terms & Conditions

1. The above posts will carry pay and allowances as per Central Government Rules applicable to the Institute. Selected candidate will be on probation for a period of two years and will be confirmed in the post only on satisfactory completion of probation period.
2. All the appointees shall be governed by the National Pension System (NPS) introduced by the Government of India notified vide Ministry of Finance (Department of Economic Affairs) Notification No. 5/7/2003-ECB & PR dated 22nd December, 2003 as amended from time to time.
3. The appointees are liable to be posted anywhere in India and in any of the Institute's field stations and locations.
4. Incomplete application, application without requisite attachments will be summarily rejected.
5. Age relaxation is permissible as notified by Govt. of India from time to time.
6. The crucial date for determining the upper age limit, qualifications and experience shall be the prescribed closing date for submission of online application.
7. Outstation candidates called for interview for the post of Scientific Officer in Sl. No. 1 Job ID: IIA/06/2025-26/1 will be reimbursed to and fro train/bus fare by the shortest route limited to III AC railway fare on production of original tickets.
8. No correspondence will be entertained with the candidates not screened for interview&/or written test/skill test.
9. Canvassing in any form or influencing any official related to the recruitment/selection process would result in immediate disqualification of the candidate.
10. The Institute reserves the right to recruit, re-advertise or cancel the entire recruitment process for any or all the posts at any time without assigning any reasons whatsoever.
11. The Institute reserves the right to increase or decrease the number of posts advertised.
12. Action Against Candidates found guilty of misconduct:
 - 12.1. Candidates are advised in their own interest that they should not furnish any particulars that are false, tampered with or fabricated and should not suppress any material information while submitting online application.
 - 12.2. At the time of examination, interview or in a subsequent selection procedure, if a candidate is (or has been) found guilty of:
 - 12.2.1. Using unfair means; or
 - 12.2.2. Impersonating or procuring impersonation by any person; or

- 12.2.3. Misbehaving in the examination/Interview hall or disclosing, publishing, reproducing, transmitting, storing or facilitating transmission and storage of contents of the test (s) or any information therein in whole or part thereof in any form or by any means, verbal or written, electronically or mechanically for any purpose; or
- 12.2.4. Resorting to any irregular or improper means in connection with his/her candidature; or
- 12.2.5. Obtaining support for his/her candidature by any unfair means; or
- 12.2.6. The use of any mobile phone (even in switched off mode), pager or any electronic equipment or programmable device or storage media like pen drive, smart watches etc. or camera or Bluetooth devices or any other equipment or related accessories either in working or switched off mode capable of being used as a candidate may in addition to rendering himself/herself liable to criminal prosecution, be liable;
- (i) To be disqualified from the examination for which he/she is a candidate.
- (ii) To be debarred, either permanently or for a specified period, from any examination conducted by IIA, Bengaluru.
- (iii) Termination of service, if he/she has already joined IIA, Bengaluru.

13. 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.

14. Closing date for on-line application is **07.07.2025** at 17:30 hours.

15. For registration, please visit: https://www.iiap.res.in/iiap_jobs/

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प्रशासनिक अधिकारी **Administrative Officer**