



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/16/2023 Dated:13.09.2023**

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 Tamil Nadu, Gauribidanur in Karnataka, and Leh/Hanle in Union Territory of Ladakh.

Online Applications are invited from Indian nationals for one Research Associate (RA) or Research Fellow position to work on the Franco-Indian on-going research program- 'Gas Interaction and Non-thermal emission in galaxies and clusters' project, funded by the CEFIPRA. The position is for a period of one year. The program combines data analysis from ground-based radio/optical/IR telescopes. This project is in line with the SKA phase 1 and MSE users case led by the collaborators from France and India.

<b>01.</b>	<b>Name of the position</b>	<b><u>A. Research Associate</u></b>
<b>02.</b>	<b>Essential Education Qualifications and Experience, Emoluments and Age.</b>	<b><u>i. Research Associate-I : Rs.47,000/- + HRA Admissible- Age-40 Years</u> :A Ph.D. in Physics or a closely related field of Galaxy astronomy using optical /IR and/or Radio observations. Experience in astronomical observing, data analysis, and/or modeling leading to publications in referred journals.</b> <b>OR</b> <b><u>ii. Research Associate-II : Rs.49,000/- + HRA Admissible- Age-45 Years</u> :A Ph.D. in Physics or a closely related field of Galaxy astronomy using optical /IR and/or Radio observations with <b>1-2</b> years of experience in astronomical observing, data analysis, and/or modeling leading to publications in refereed journals.</b> <b>OR</b> <b><u>iii. Research Associate-III : Rs.54,000/- + HRA Admissible- Age-45 Years</u> :A Ph.D. in Physics or a closely related field of Galaxy astronomy using optical /IR and/or Radio observations with <b>more than 2</b> years of experience in astronomical observing, data analysis,</b>

		and/or modeling leading to publications in refereed journals.
		<b>OR</b>
		<b><u>B. Research Fellow</u></b>
	<b>Essential Education Qualifications and Experience, Emoluments and Age.</b>	i) <b><u>Rs. 35,000/- +HRA Admissible</u></b> : –Age-40 years for candidates who have submitted PhD thesis in Physics or a closely related field of Galaxy astronomy using optical/IR and/or Radio observations but expecting their defence . <b>Note:</b> The post will be upgraded to Research Associate-I as soon as they clear the defence and upon satisfactory internal project evaluation.
<b>03.</b>	<b>Desirable Qualification for all the above posts</b>	Familiarity with programming (Python/C/Fortran), astronomical image processing packages (IRAF/CASA/AIPS/MIRIAD, etc.) will be preferred.
<b>04.</b>	<b>Desirable experience and skills for all the above posts</b>	Experience in Radio/optical/IR observations is highly desirable.
<b>05.</b>	<b>No. of Post</b>	One (01). <b>Please note that the final selection will be for only one post of either Research Fellow or RA-I or RA-II or RA-III.</b>
<b>06.</b>	<b>Place of posting</b>	IIA, Bengaluru
<b>07.</b>	<b>Duration</b>	Initially for a period of one year and may be continued based on their satisfactory performance and requirement of the project.

### **Job Description:**

1. Selected candidates will use data from VBT, HCT, DOT and GMRT and also will be encouraged to develop tools for automated data analysis.
2. Selected candidates may spend up to 20% of their time submitting proposals, 70% analyzing data, planning, and scheduling observations, writing publications, 10% presenting results at conferences and workshops, etc.

### **Terms & Conditions :**

1. The appointment 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 a period of 1 year and extendable for one more year on satisfactory performance and requirement of the project or may be co-terminus with completion of the project whichever is earlier.
3. The date of determining the upper age limit, qualifications and experience shall be the closing date prescribed for receipt of completed applications.
4. It is open to the Institute to conduct written test to shortlist the candidates for interview in case the attendance of candidates is more.
5. 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.

6. The candidate selected will be posted to work in **IIA, Bengaluru** and is liable to be posted anywhere in India as per the requirement of the Institute/Project.
7. NO TA/DA will be reimbursed to the shortlisted candidates for attending Interview/Skill Test.
8. No correspondence will be entertained with the candidates not selected for interview/appointment. Canvassing in any form will be a disqualification.
9. Candidates of Indian Nationality only can apply for this post.
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. The Institute reserves the right to cancel the entire recruitment process at any time without assigning any reasons whatsoever.
12. **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 failing which they will not be considered for further stages of scrutiny/recruitment process.
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. The last date for receipt of online application is **13.10.2023** at 17:30 hours.
15. For registration, please visit: [https://www.iiap.res.in/iaa\\_jobs/](https://www.iiap.res.in/iaa_jobs/)

प्रशासनिक अधिकारी/ **Administrative Officer**