

**RAMAN RESEARCH INSTITUTE**  
**BANGALORE 560080**  
**Advt. No. 7/2024**

The Raman Research Institute, funded by the Government of India, is a premier institute engaged in research in basic sciences. More information about the Institute, the fields of research, and other details can be viewed at its website [www.rii.res.in](http://www.rii.res.in)

Applications are invited for TWO POSTs of RESEARCH ASSISTANTS on a temporary basis for the Payload Operation Centre of XPoSat-POLIX at the Raman Research Institute. XPoSat is a small satellite astronomy mission from India that was launched on 1<sup>st</sup> January 2024. The POLIX payload was designed and developed at the Raman Research Institute. We seek motivated individuals with good academic background with an aptitude to explore and master data processing from space astronomical instruments. The details of the required qualifications and experience are given below.

The appointee would work towards processing of raw data from the POLIX payload, data archiving and further software development.

The appointment would be for a period of one year, extendable to a second year, subject to satisfactory performance and project status. We seek motivated individuals, with good academic background, proficiency and aptitude for software development and data processing in astronomy. Ability to work with a team is essential. The details of the required qualifications and experience are given below.

**Job Description:**

Carry out data reduction and data archiving of the POLIX payload of XPoSat and develop software for the same.

**Remuneration:** A consolidated remuneration of Rs. 31,000/- plus admissible HRA per month will be paid to the selected candidates.

**Essential Qualification:** (it is mandatory that the candidate fulfils everything written here)

BE/BTech degree in Computer Science, with at least 70% marks or 7.0 CGPA in the qualifying examination.

**Desirable:** (these are expected additional qualifications and skill sets)

Good familiarity with UNIX environment and programming skill in Fortran/C++ / Python. Some prior experience in astronomical data handling is preferred.

**The last date for receipt of applications is 26.07.2024.** All applications received till the due date would be given due consideration. If no suitable candidate is subsequently selected by the screening and interview process, the position would be kept open on the Institute website till filled.

**Upper Age Limit:** The upper age limit is 30 years as on the last date of application. Applicants above 30 years may be considered if accompanied by commensurate experience and competency.

**General Information:**

1. Age relaxation will be applicable as per Govt. of India rules for the candidates belonging to SC/ST/OBC/PWD categories.
2. The Institute reserves the right to restrict the number of candidates for test/ interview to a reasonable limit, on the basis of relevant qualification and experience higher than the minimum prescribed in the advertisement.
3. Mere fulfilling the essential and desired qualifications will not entitle an applicant to be called for an interview.
4. The Institute reserves the right to relax any of the above requirements in exceptional cases.
5. The Institute reserves the right not to fill the post herein advertised.
6. Canvassing in any form shall disqualify the candidate.

**How to apply:**

Interested candidates can apply by filling up an online form, and uploading all the relevant documents/images, including:

1. Scanned colour copies of educational certificates and marksheets,
2. Curriculum Vitae (1-2 page),
3. A recent passport size photograph and signature

In case of any queries/help, please contact [recruitment@rri.res.in](mailto:recruitment@rri.res.in)

**Link to the application:** [http://rhino.rri.res.in/forms/ra\\_xposat.php](http://rhino.rri.res.in/forms/ra_xposat.php)

Incomplete applications will not be considered.