

**RAMAN RESEARCH INSTITUTE
BANGALORE 560080
Advt. No. 5/2025 – dt. 03/04/2025**

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.rri.res.in

The Institute is engaged in various science and technology projects that use state-of-the-art and innovative instrumentation designed and developed in-house. The institute is pleased to announce an opportunity for fresh engineering graduates to work in our laboratories, where electromagnetics simulation and antenna, state-of-the-art radio frequency circuits, high-speed ADCs and FPGA-based digital signal processing systems and algorithms are being developed. The trainees will get hands-on opportunities to develop, characterize, integrate, and validate these modern electronic systems. Additionally, there are opportunities to work in the institute's computer group on software development, testing, and installation tasks for high-speed network connectivity.

Applications are invited for **13 posts** of **Trainee Engineers** for the **Engineering Trainee Program** at the Institute for a period of one year, extendable to second year, subject to satisfactory performance. Applicants must have a strong academic record and a keen interest in the above-mentioned areas.

Training Program:

The selected candidates will assist scientists and engineers in developing electronic hardware involving radio frequency analog and digital signal processing modules, utilizing state-of-the-art Field Programmable Gate Arrays (FPGAs), and engaging in software development. Ability to work in a team and at field stations is essential. Although the position and work will be based at the Raman Research Institute campus in Bangalore, making field trips with the team members for testing, validation, and deployment of receivers and/or system tests and measurements may be necessary. There will be an initial probationary period of three months. The details of the required qualifications are given below.

Essential Qualification:

Four years Under Graduate degree in Electrical, Electronics, Electronics & Communication Engineering, Computer Science, or related branches, with at least 70% marks or 7.5 CGPA in the qualifying examination.

Desirable Qualification: a) Aptitude for laboratory work, b) Basic knowledge of analog electronics, c) Basic knowledge of digital electronics, d) Basic understanding of programmable microcontrollers, and e) Basic/advanced knowledge of computer programming.

Duration: 1 year, extendable to 2nd year.

Stipend: A consolidated stipend of Rs. 31,000/- per month.

Upper Age Limit: The upper age limit is 23 years as on the last date of application.

The last date for receipt of applications is 09 May 2025. Applications received after the last date will not be considered.

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 limit the number of candidates selected for interviews based on the essential and desirable qualifications that best match the outlined work areas.
3. Mere fulfilling the essential and desired qualifications will not entitle an applicant to be called for an interview.
4. Shortlisted candidates will be requested to appear for written test/interview at the Raman Research Institute. No TA/DA will be paid to attend the interview.
5. The Institute reserves the right to relax any of the above requirements in exceptional cases.
6. The Institute reserves the right not to fill the posts herein advertised.
7. 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. Statement of purpose (1-2 page), as to what motivates the applicant to apply for the above post and why the applicant is the appropriate choice for the opening,
4. A recent passport size photograph and signature
5. Incomplete applications will not be considered.

Each applicant would need to provide references of two individuals whom the Institute could contact for referral letters. In case of any queries/help, please contact etp2025@rrimail.rrri.res.in

Link to the application: http://rhino.rrri.res.in/forms/trainee_eng_2025.php

Incomplete applications, particularly those without a Statement of Purpose, will not be considered.
