

RAMAN RESEARCH INSTITUTE
BANGALORE 560080
Advt. no. 3/2023

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.

Applications are invited for one post of **RESEARCH ASSISTANT** for the project **BRAIN-COMPUTER INTERFACES**. The appointment is on a temporary basis, initially for a period of one year, with a possible extension by another year. The candidate should be motivated and should have prior experience in experimental work.

Job Description : The project aims at (a) making devices that are operated based on brain signals alone, and (b) understanding certain cognitive processes. The appointed Research Assistant is required to assist in device development, experimental measurements and data analysis involving one or more of the following:

- (a) Design and development of analog and digital electronics circuitry needed for developing brain-computer interfaces,
- (b) Programming on Firmware, and developing signal analysis software using higher level languages, and
- (c) Data collection on volunteers and processing of data to extract discriminants and determine certain performance parameters.

Remuneration : A consolidated remuneration of **Rs. 31,000/-** per month plus HRA as applicable (**presently HRA is 27%**) will be paid to the selected candidates.

Essential Qualification : M.Sc. in Physics (Electronics Specialization) OR B.Tech or M.Tech in Electronics/ Communications/ Computer Science/ BioMedical Electronics/ Signal Processing or a related field. The candidate must be proficient in programming in one or more of the following – LabVIEW, Arduino, VHDL, C++, Python, MATLAB.

Desirable : Prior experience in computer programming and interfacing of devices will be desirable.

Upper Age Limit : The upper limit is 25 years as on the last date for closing of applications. The last date for receipt of applications is **4th August 2023**. Applications received after the last date will not be considered.

General Information:

- (i) Age relaxation will be applicable as per Govt., of India rules for the candidates belonging to SC/ST/OBC/PWD categories.
- (ii) 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.
- (iii) Mere fulfilling the essential and desired qualifications will not entitle an applicant to be called for interview.
- (iv) The institute reserves the right to relax any of the above requirements in exceptional cases.
- (v) The Institute reserves the right, not to fill the post herein advertised.
- (vi) 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 copies of educational certificates and marksheets from 10th Std. onwards.
2. Proof of date of birth.
3. Curriculum Vitae (CV): Date of birth, postal address, contact details, and details of prior experience (if any) should be mentioned in the CV. Any other details relevant to the application also should be added.
4. Statement of purpose (1-2 pages), as to what motivates the applicant to apply for the above post and why the applicant feels that he / she is an appropriate candidate for the post.
5. A recent passport size photograph with applicant's signature.

Each applicant would need to mark the post(s) they are applying for, and provide references of two individuals whom the Institute can contact if necessary (email IDs and cell numbers/telephone numbers) for referral letters. These individuals can be either your teachers, or those who are familiar with your professional work.

Link to the application: <http://rhino.rr.res.in:9900/forms/rabci032023.php>

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

In case of any queries/help, please contact recruitment@rr.res.in