

**RAMAN RESEARCH INSTITUTE
BANGALORE 560080**

Advt. no. 7/2022

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 (RA) on a temporary basis for carrying out laser-produced plasma based experiments** in the Light and Matter Physics (LAMP) Group of the Institute for a period of one year / extendable to second year depending upon the candidate's performance. The candidate will be associated with the **Ultrafast and Nonlinear Optics (UNO) Lab of the Institute**. We seek motivated individuals with good academic background with an aptitude for experimental research.

The details of the required qualifications and experience are given below:

Job Description:

Title: To be a team member working with pulsed laser systems including femtosecond lasers, for designing and setting up laser-produced plasma experiments, and carrying out research experiments at an advanced level.

Nature of the work: The work involves the usage of CW and pulsed lasers, vacuum equipment, optical and opto-mechanical components, electronic devices and data acquisition systems. The candidate will work with a team of scientists, PhD scholars and Master's students, being able to be part of a team contributing to scientific and technical developments.

Desirable: The candidate should be motivated and should have a flair for experimental work. The candidate should have experience in at least two of the following areas:

- Pulsed laser systems
- Laser-produced plasma experiments
- Programming languages (Python, C++ etc.)

Remuneration: A consolidated remuneration of Rs.23,500/- per month at commencement +admissible HRA will be paid to the selected candidates. An increment of Rs.1000/- will be provided in the second year.

Essential Qualification:

M.Sc. (Physics/Photonics/Optoelectronics) **OR** M.Tech. (Photonics/Optoelectronics) with a minimum of 70 % marks or 7.0 CGPA.

Upper Age Limit: The upper limit is **30** years as on the last date for closing of applications. The last date for receipt of applications is **13th August 2022** 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 an 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:

Apply online at: http://rhino.rrri.res.in:9900/forms/ra_plasmaexp.php
