

RAMAN RESEARCH INSTITUTE
BANGALORE 560080
Advt., No. 6/2024

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.rri.res.in

Applications are invited for up to **THREE** posts of RESEARCH ASSISTANT (RA) on a temporary basis for **Soft Condensed Matter Group** of the Institute. The position is for 1 year and may be extended up to a maximum of 2 years, with regular evaluation. The first 6 months of appointment will be under probation. We seek motivated individuals with good academic backgrounds with an aptitude to explore and master the functioning and use of scientific equipment and an eagerness to learn new techniques. The details of the required qualifications and experience are given below:

Job Description: RA will be responsible for the following Soft Condensed Matter projects: Setting up in-situ imaging with shear rheometry under an externally applied vibration; synthesis and characterization of different types of colloidal particles; polymerization, characterization, and fluorescent labeling of biopolymer networks in the Soft and Adaptive Materials (SAM) Lab at RRI.

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

Essential Qualification: M.Sc./M.Tech or B.E./B.Tech in any field with some exposure to soft condensed matter research.

Desirable: Experimental work experience in a lab in surfactant and colloidal systems, bright field, fluorescence and confocal microscopy, rheology, AFM, familiarity with programming languages (like Matlab, Python etc.). Some experience in handling biomaterials is also desirable.

Upper Age Limit: The upper limit is 35 years, as on the last date for closing of applications.

The last date for receipt of applications is 3 August 2024. 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) Candidate should be self-driven, motivated and have leadership skills to manage the personnel working with him.
- (iv) Shortlisted candidates will be requested to appear for an online interview via Zoom or suitable other online platforms. No TA/DA will be paid for attending the interviews. Merely fulfilling the essential and desired qualifications will not entitle an applicant to be called for an interview.

- (v) The institute reserves the right to relax any of the above requirements in exceptional cases.
- (vi) The Institute reserves the right, not to fill the post herein advertised.
- (vii) Canvassing in any form shall disqualify the candidate.

How to apply:

Interested candidates can apply by filling up an online form. In the online form applicant will be required to upload PDFs/Images of all the relevant documents, including:

1. Scanned colour copies of Educational Certificates and mark sheets.
2. Curriculum Vitae. Should include detailed a description of the research projects done.
3. Statement of purpose (500 words max), 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 image of candidate's signature.
5. Each applicant would need to provide references of two individuals whom the Institute could contact for referral letters (if needed).

In case of any queries/help, please contact recruitment.scm@rrimail.rrri.res.in

Link to the application: http://rhino.rrri.res.in/forms/ra_scm_062024.php

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

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