

RAMAN RESEARCH INSTITUTE
BANGALORE 560080
Advt., No. 14 /2019

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.rrri.res.in.

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

Job Description: RA will be responsible for fabrication, characterization and setting up single molecule biophysics techniques to study mechanical properties of cells/molecules in Molecular Biophysics project in Soft Condensed Matter group at RRI.

Remuneration: A consolidated remuneration of Rs. 23,500/- with 24% HRA on the consolidated remuneration per month will be paid to the selected candidates. An increment of Rs.1000/- will be provided in the second year.

Essential Qualification: M.Sc./M.Tech or B.E./B.Tech in any field with atleast 1 year of academic research or industrial work experience in building nano and microfluidic devices.

Desirable: Experimental work experience in a lab in the fields of microfluidics, optics, biophysics, single molecule experiments, microscopy, nanodevices, and/or electric and electronic measurements on biological samples will be preferred. Familiarity with programming languages, preferably LabVIEW and/or Matlab is desired. Some experience with handling DNA and protein bio material is also desirable.

Upper Age Limit: The upper age limit is 45 years, as on the last date for closing of applications.

The last date for receipt of applications is 20th November 2019. 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 a personal interview at the Raman Research Institute. Under exceptional cases Skype interview may be considered. No

TA/DA will be paid for attending the interviews. Mere fulfilling the essential and desired qualifications will not entitle an applicant to be called for 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:

Applications (strictly adhering to format given below) are preferred to be emailed as a **single PDF file**, to **krk@rri.res.in** with the subject line as **“RA-Biophysics-2019 Position for Nano-Biophysics Lab”**. For candidates without email access, applications may also be sent in a sealed envelope superscribing **“RA-Biophysics-2019 Position for Nano-Biophysics Lab”** addressed to the CO-ORDINATOR, SOFT CONDENSED MATTER GROUP, RAMAN RESEARCH INSTITUTE, C. V. RAMAN AVENUE, SADASHIVANAGAR, BANGALORE 560080.

Application format: (Please STRICTLY adhere to below format. ALL fields are mandatory)

- 1) Name of the applicant:
- 2) Applying for advertisement number:
- 3) Date of Birth:
- 4) Nationality:
- 5) Whether belonging to SC/ST/OBC:
- 6) Permanent Address:
- 7) Address for correspondence (please provide your mobile number and email-id):
- 8) Qualifications starting from SSC/X Std. upwards (please attach copies of certificates and marks cards at the end of application):

Class/Degree	Year	School/University	%age Marks / CGPA
--------------	------	-------------------	-------------------

- 9) List details of research/industry experience including details of organization, post held, duration of service and emoluments drawn. Attach certificates and 1-paragraph write up for each project listed (**Please be descriptive of your hands-on contribution in the project**):
- 10) References of individuals who are professionally familiar with you and your work, whom the Institute could contact for referral letters:
- 11) Brief – not more than 1-page (double line spacing) write up on what motivates you to apply for the above post.