RAMAN RESEARCH INSTITUTE
BANGALORE, 560080
ADVT. NO. 14/2024

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 are available at its website www.rri.res.in.

Applications are invited for **TWO** posts of **RESEARCH ASSISTANT** working with Dr. Kartik Prabhu in the **THEORETICAL PHYSICS GROUP** of the Institute. 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 quantum field theory and/or general relativity.

Job Description: The project work will be in one of the following areas: (i) infrared effects in scattering in quantum theory, (ii) stability of black holes and black branes in gravity.

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

Essential Qualifications: (i) M.Sc. degree or Integrated M.Sc. degree in Physics or Mathematics, (ii) research experience in quantum field theory, mathematical/numerical general relativity.

Desirable: Proficiency in one or more of the following: Python, Mathematica

Upper Age Limit: The upper age limit is 30 years as on the last date for closing of applications. The last date for receipt of applications is **15 October 2024**. 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 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.
3. Mere fulfilling the essential and desired qualifications will not entitle an applicant to be called for an interview.
4. The Institute reserves the right to relax any of the above requirements in exceptional cases.
5. The Institute reserves the right, not to fill the post herein advertised.
6. 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 for the bachelor's and master's qualifications.
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 the 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.rri.res.in/forms/ra_tp_2024.php

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

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