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**Advertisement for Junior Research Fellow/Senior Research Fellow**

October 21, 2019

Applications are invited from Indian nationals for the post of “project-JRF/SRF” in a SERB funded research project (SERB/CHM/2017030).

**Research Area**: Computational studies of membranes and membrane receptors involved in cell signaling processes. The project is highly interdisciplinary in nature catering the knowledge of state-of-the-art molecular dynamics simulation techniques, statistical mechanics, and machine learning.

**No. of Vacancy**: One

**Duration**: Initially one year, which could be extendable to one more year based on performance and mutual interest.

**Minimum Qualifications**:

* MSc (or equivalent) degree from a recognized University/Institute with a minimum of 60% marks or CGPA of 7.5 and above at a scale of 10 in one of the following disciplines: **Physics / Chemistry (Physical Chemistry) / Biophysics / Computer Science** / **Chemical Engineering /** **Biosciences**
* Candidates must be qualified GATE or CSIR-UGC NET (JRF/LS) or any other equivalent national level exam with a valid score.
* Candidates must have Mathematics at the 10+2 as well as Bachelors (undergraduate) level*.*
* To be considered for SRF, two years of research experience as JRF is required.
* Below 27 years of age at the time of application.

**Research Experience**: Candidates with computational physics/biology/chemistry experience and sound knowledge in computer programing (C/C++/Fortran, Python/Matlab, Perl etc.) will be preferred.

**How to Apply**: A detailed resume including applicant’s personal details with photograph, educational background, statement of purpose, name of two referees, and copy of all credentials including NET/GATE certificate should be submitted by **email** ([rkm@iiserb.ac.in](mailto:rkm@iiserb.ac.in)). Incomplete application will not be considered.

**Last date of receiving applications is** **November 21, 2019**.

**Salary**: Rs. 31,000/- p.m. (for JRF) or Rs. 35,000/- p.m. (for SRF) + HRA as per SERB rule.

Note: Only shortlisted candidates will be intimated to appear for an interview; no TA/DA will be paid for attending the same.

**Contact Details**:

**Dr. Rajesh K. Murarka**

**Department of Chemistry, Academic Building-2**

**IISER Bhopal**

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