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IIT Indore

Advertisement for JRF position in Theoretical Chemistry

Applications are invited from highly motivated and eligible candidates for the position of Junior Research Fellow (JRF) to work in a Science and Engineering Research Board (SERB) & Department of Science and Technology (DST) funded research project. The research interest under the advertised post will be “**Application of Machine Learning Methods for Kinetic Energy Density Functionals in Development of Orbital Free Density Functional Theory**”

Broad Key Areas: Theoretical Chemistry/Physics, Computer Programming(Python, C, F90).

Duration: The opening position is initially for 1 year with a possibility of further extension for 2 more years based on performance (maximum 3 years, total 1 + 2 years).

Emolument: The JRF will be paid a consolidated salary of Rs. 31000/month plus 16% HRA.

Eligibility:

Essential Qualification: M.Sc. in Chemistry or Physics or B.Tech in relevant discipline with valid GATE certificate or NET-LS or two years experiences in research with first class minimum (60% in the preceding degrees or equivalent) in graduate and post graduate levels with a very good academic record.

Age limit: 28 years with relaxation to SC/ST/OBC candidates as per Government of India norms.

Last date for Application: April 1st 2024.

Interested candidates must email the following to **sbulusu@iiti.ac.in**

1. Detailed CV
2. Write 100 words on why you are suitable for this project.

General conditions:

(I) House Rent Allowance (HRA):JRF may be provided accommodation based on availability and those residing in accommodation provided by the institute will not be eligible for drawing HRA. Wherever provision of hostel accommodation is not possible, HRA may be allowed to JRF as per Government norms applicable in the city/location where they are working. The fellowship amount may be taken as basic for calculating the HRA. (ii) Medical Benefits: The JRF will be entitled for medical allowance as per institute policy. Only shortlisted candidates will be intimated by email for an interview. No TA/DA will be paid for attending the interview. Institute reserves the right for shortlisting the applications based on suitability of the project.