



टाटा मूलभूत अनुसंधान संस्थान
TATA INSTITUTE OF FUNDAMENTAL RESEARCH
1, होमी भाभा रोड, कुलाबा, मुंबई - 400005
1, Homi Bhabha Road, Colaba, Mumbai 400005
भारत सरकार के नाभिकीय विज्ञान एवं गणित का राष्ट्रीय केंद्र
एवं समविश्वविद्यालय
National Centre of the Government of India for Nuclear
Science and Mathematics and a Deemed University

दूरभाष/Telephone: 022-22782000
फैक्स/Fax : 022-22804610/11

वेबसाइट/Website: www.tifr.res.in

Advertisement No. 2021/15

Applications are invited for a position of a Junior Research Fellow to work on the following SERB funded project in the Quantum Chemistry Group, Department of Chemical Sciences (DCS), TIFR, Mumbai.

Project name: Quantitative methods for core electron spectroscopy of molecular liquids

Post	Qualification	Job description	Nature and period of the post	Fellowship / Honorarium
Junior Research Fellow (JRF)	Essential: <ul style="list-style-type: none">M.Sc. or equivalent degree in Chemistry with minimum 60% marksQualified in a national level test such as NET, GATE, TIFR written exam, etc. Desirable: <ul style="list-style-type: none">Prior experience with quantum chemistry software and scripting languages.Experience commensurate with the job requirements.	The research project involves: <ol style="list-style-type: none">Evaluation of quantum chemistry methods for computation of core-electron binding energies.Identifying the impact of solvation and other environmental effects on the core-electron spectra.	Temporary appointment for a period of one year with a possibility of extension for one more year. The extension is subjected to satisfactory performance and availability of funds.	Monthly: 31000 + HRA as admissible

Please apply in the following format:

- Name:
- Date of birth:
- Present affiliation and occupation:
- Address for correspondence & Mobile No.:
- Email id: (IMPORTANT: If selected for interview, further details will be sent to this email address)
- Educational qualification:

Degree	Year	University	Subject	Marks obtained	Remarks
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S.S.C.
H.Sc.
B.Sc.
M.Sc.
Any Other
Degree

- Research experience: Attach a summary not exceeding 2 pages
- Additional qualification(s) or awards:
- Names and contact details of two or three referees (please provide email and telephone no):

LAST DATE FOR RECEIPT OF APPLICATIONS IS NOVEMBER 30, 2021.

Send the application to Dr. Vamsee Voora via email to gchemgrouptifr@gmail.com with a subject as "**Application for JRF position**". Referees should send the recommendation letters to the same email address. All details should be emailed as a single PDF file.