

Advertisement Junior Research Fellow (JRF) position in Department of Chemistry

Dated: 04/06/2021

Applications are invited for one JRF position in the Department of Chemistry, IIT Hyderabad

Name of the post	Junior Research Fellow (JRF)
Details of research project	Laser spectroscopy of molecules and clusters: Excited state hydrogen proton transfer in micro-solvated N-H bearing molecules
Name of the sponsoring agency	DST-SERB
Duration of the position	One year, extendable up to two years based on the satisfactory performances and continued funding availability
Description of the job	The job requires laser spectroscopic characterization and computational investigations on the hydrogen bonded clusters isolated in the gas phase. The JRF needs to perform measurements using laser induced fluorescence, time-of-flight mass spectrometric detection methods in addition to the electronic structure theory calculation.
Remuneration	As per government/institute norms
Age limit	Maximum age 30 years
Qualification	MSc in chemistry with 60% marks or equivalent CGPA and a valid GATE score. Candidates with prior experiences in laser operations, molecular beam machine, supersonic jet, vacuum technology, Turbomole, LabVIEW, MATLAB, Python programming, electronic structure theory calculation, and laser spectroscopy are desirable.

- Eligible candidates should apply with their CV via email to surajitmaity@chy.iith.ac.in on or before June 15, 2021, with the subject marked as “JRF@LSMC”.
- Candidates will be short-listed for the interview based on the merit and experience and will be informed via email on June 16, 2021. The interview will be conducted online.