



Indian Institute of Science Education and Research Bhopal

Junior Research Fellow (JRF) at IISER Bhopal **under the supervision of** **Prof. J Sankar, Department of Chemistry**

Applications are invited from Indian nationals for the post of “**Junior Research Fellow**” for the Anusandhan National Research Foundation (ANRF), Govt. of India sponsored project “**Development of Novel Near-IR Emitting Molecules Having Main Group Elements-Facilitated Intersystem Crossing and Their Chiroptical Properties**”

Project description: The project involves the design, synthesis, and characterisation of new near-IR emitting molecules for applications in bio-imaging and modern optoelectronics. The candidate will have ample opportunities to gain hands-on experience in multiple spectroscopic techniques such as multinuclear-NMR, UV-vis-NIR absorption, fluorescence, X-ray crystallography and computational methods.

Duration: Initially for 1 year (Extendable upon satisfactory performance)

Last date for applications: 30th August, 2026

Essential Qualifications: M.Sc. in Chemistry or related field, and at least one national-level qualification (UGC-JRF/CSIR-JRF/NET-LS/valid GATE score etc.). Final year M.Sc students may apply, and must provide provisional certificate of degree completion at the time of joining.

Age: Candidates should preferably be below 28 years of age.

Salary: Rs. 37,000 + 20% HRA (Per month).

How to Apply: Submit your application with a detailed curriculum vitae (CV) as a single .pdf file at sankar@iiserb.ac.in. CV must have details such as 10, 10+2, B. Sc., M.Sc. marks, university name, graduating year and details about national-level examination qualification details. CV must also include mobile phone number and email address for contact. GATE/NET etc. ranking should be mentioned clearly with proof. **Subject line of email: Project JRF Application for ANRF Funded project**

For more information about Prof. Sankar's research work and information about the group, please visit <https://www.jeyaramansankar.org>

Incomplete applications will not be considered, and no correspondence will be entertained regarding the application status. All correspondence regarding shortlisting and selection will be via email only.