



Special Drive for JRF Recruitment in the Ph.D. program

Walk-in-Interview September 16, 2023

Applications are invited from highly motivated and research-oriented JRF students for Ph. D. program in the Department of Chemistry, BITS Pilani, Pilani Campus (Rajasthan).

BITS Pilani, a Deemed to be University, has been recently recognized as an "Institute of Eminence" by MHRD, Govt. of India and is also India's highest-ranked non-Government Institute as declared in QS BRICS, QS Asia, and QS India in 2019.

RESEARCH INTERESTS

- Organic and Medicinal Chemistry
- Synthetic Chemistry
- Chemical Biology
- Physical Chemistry
- Material Chemistry
- Photophysical Chemistry
- Nanoscience and Nanoplasmonics
- Green Chemistry, Catalysis & Electrocatalysis
- Theoretical & Computational Chemistry
- Matrix-Isolation Infrared Spectroscopy
- Statistical Materials Modelling

ELIGIBILITY CRITERIA

M.Sc. or equivalent degree in Chemistry/Biochemistry/Pharmaceutical Chemistry/Physics from a recognized University with at least 60% or equivalent scores and valid JRF Certificate.

ADMISSION PROCEDURE

Candidates selected after the interview will follow the Institute admission process.

HOW TO APPLY

Interested and eligible candidates can visit faculty profile on Department website for specific area of research and contact through email. The candidates should report for interview on 16-09-2023 at 11.00 am in seminar room (3267), Department of Chemistry, BITS Pilani, Pilani Campus with original documents (MSc degree & mark sheet, JRF certificate).

Website: <https://www.bits-pilani.ac.in/pilani/faculty/?department=chemistry>



ABOUT THE DEPARTMENT

Established in 1944, we are one of the oldest departments on the campus. Department is DST-FIST and UGC-SAP supported. Faculty members are involved in pursuing high quality research and have received significant research funds from national government agencies as well as from Industry. We have online access of ACS, RSC, Wiley-VCH, Elsevier, Taylor & Francis journals.

INSTRUMENTATION FACILITIES

• FT-NMR (400 MHz)	• FESEM
• HRMS	• Raman-AFM
• HPLC	• XPS
• GC, GC-MS, LC-MS	• High Performance Computing
• CHN analyzer	• Matrix Isolation IR
• MW Synthesizer	• Spectrophotometer
• TGA and DSC	• Spectrofluorometer
• FT-IR	• TCSPC Spectrofluorometer
• Polarimeter	• CHI Potentiostat

