



**BITS Pilani**  
Pilani Campus

Department of  
**CHEMISTRY**  
BITS Pilani, Pilani Campus  
Pilani 333031, Rajasthan

Apply Before June 26, 2023

## Admissions open for Ph.D. program in Chemistry for I Sem 2023-24

Applications are invited from highly motivated and research-oriented students for admission in the Ph. D. program (full-time and part-time) of the Department of Chemistry, BITS Pilani, Pilani Campus (Rajasthan) commencing from August 2023.

BITS Pilani, a Deemed to be University, has been recognized as an "Institute of Eminence" by MHRD, Govt. of India.

### 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./M.Phil. in Chemistry/Biochemistry/Pharmaceutical Chemistry/Physics or equivalent from a recognized University with at least 60% or equivalent scores.

### ADMISSION PROCEDURE

Admission will be based on merit in the written test and interview. Candidates with CSIR/UGC-JRF or equivalent fellowship, M.Phil./M.Pharm. or equivalent higher degrees are exempted from the written test.

### HOW TO APPLY

Interested and eligible candidates should apply online through link given below. **The online application will close on June 26, 2023, at 17.00 hrs.**  
<https://www.bitsadmission.com/phdmain.aspx>.

**FELLOWSHIP:** INR 28000/31000/33000/35000 per month along with INR 10,000 contingency per year.

### FEE STRUCTURE:

[https://www.bitsadmission.com/2023/phd/PhD\\_Fee\\_Structure\\_2023\\_24.pdf?2022](https://www.bitsadmission.com/2023/phd/PhD_Fee_Structure_2023_24.pdf?2022)

### ABOUT THE DEPARTMENT

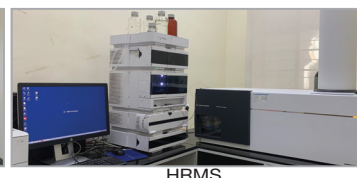
- Competitive research environment
- High class infrastructure
- State-of-the-art instrumentation and lab facilities
- Highly qualified and experienced faculty
- World class Library facility
- Access to SciFinder and journals from ACS, RSC, Wiley-VCH, Elsevier, Taylor & Francis etc.
- Research funding from government agencies and Industries
- Publication in high impact journals
- Regular seminar and lectures by experts from Industry and academia
- More details at  
<https://www.bits-pilani.ac.in/pilani/pilaniChemistry/Home>

### 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



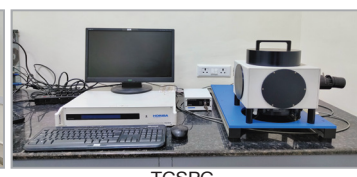
NMR



HRMS



FESEM



TCSPC

### For any queries, please contact

Head, Department of Chemistry, BITS Pilani, Pilani 333 031 Rajasthan

Phone No. 01596-255276/255279

E-mail: [hod.chemistry@pilani.bits-pilani.ac.in](mailto:hod.chemistry@pilani.bits-pilani.ac.in)

[drc.chemistry@pilani.bits-pilani.ac.in](mailto:drc.chemistry@pilani.bits-pilani.ac.in)

