

Admissions Open for Ph.D. in Chemistry for 2023 – 24

Applications are invited from highly motivated and research-oriented students for admission in the Ph.D. program (full-time or part-time) of Chemistry Department at BITS Pilani KK Birla Goa Campus, starting from August 2023
BITS Pilani, a deemed to be university, has been recognized as an "Institute of Eminence" (IoE) by MHRD, Govt. of India

About the Department

The department was established in 2004 and is well-known nationally and internationally for its excellence in both academic and research activities. The department is equipped with *state-of-the-art* instrumentation facilities and research laboratories. The department comprises 21 highly qualified faculty members, who are recipients of many awards, several research grants from national & international agencies, and are engaged in various national & international collaborations.

Research Focus

- **Inorganic & Bio-Inorganic Chemistry**
- **Organic Chemistry**
- **Physical Chemistry**
- **Computational & Theoretical Chemistry**
- **Biosensors & Bioanalytical Chemistry**
- **Chemistry of Nanomaterials**
- **Molecular Sensors & Devices**
- **Energy & Environment**
- **Green Chemistry & Catalysis**
- **Supramolecular Chemistry**
- **Solid State Chemistry**

Instrument Facilities

Department Facilities:
AFM, FTIR, GC-MS, CHNS, Benchtop NMR, Microwave reactor, Powder XRD, Ion Chromatograph, Flash Chromatograph, TOC, Fluorimeter, Electrochemical workstation, Polarimeter, BET, Dell Server & Softwares

Institute Facilities:
FESEM, LCMS, Confocal Microscope, Raman Spectrometer, PXRD, NMR, Zeta/Nano Particle Analyzer etc. (<https://www.bits-pilani.ac.in/goa/csif/home>)

Eligibility Criteria

M.Sc. or equivalent degree in Chemistry/Biochemistry/Pharmaceutical Chemistry or allied stream from a recognized university with at least 60% marks in aggregate or equivalent score

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 the link: <https://www.bitsadmission.com/index.aspx>

The online application will be closed on 26th June 2023 at 17:00 hrs

Fellowship: INR 28,000/31,000 per month along with INR 10,000 contingency/year

Fee Structure: https://www.bitsadmission.com/2023/phd/PhD_Fee_Structure_2023_24.pdf?2022

Opportunities

National & international level Workshops/Conferences are regularly organized that facilitate scholar-scientist interactions leading to innovative research ideas

Invited lectures by eminent speakers of national and international repute are conducted in the dept

The department supports students to present their research results in leading national and international conferences and to attend scientific workshops

For any queries, contact us at:

Prof. Halan Prakash, Head of the Department

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