



PhD Admissions

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 22 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 & Bioinorganic 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
- Biophysical Chemistry

Instrument Facilities

Department Facilities:

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

Institute Facilities:

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

Programs offered

M.Sc. (Chemistry)
Ph.D.

Fellowship

INR 34,000 or 37,000 per month as per the intake qualification

Eligibility for PhD Program

- M.Sc./M. Pharm./M. Tech. in Chemistry or allied fields
- Suitable match between academic background and research area
- Selection test consists of written exam followed by interview
- NET/GATE/GPAT/GAT-B/similar All India Entrance qualified candidates will get preference.



Advertisement Link

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

Department Link

<https://www.bits-pilani.ac.in/goa/chemistry/DepartmentofChemistry>

Contact us @
hod.chemistry@goa.bits-pilani.ac.in
chemistry.office@goa.bits-pilani.ac.in



SCAN ME



Celebrating 20 Years of Excellence

BITS Pilani, a deemed to be university, has been recognized as an "Institute of Eminence" (IoE) by MHRD, Govt. of India in the year 2018

Faculty Members



S Bhand
Biosensors
Environ Analysis
Food safety



R N Behera
Theoretical &
Computational
Chemistry



T L Thomas
Polymers
Fluorescence



N N Ghosh
Nanomaterials
Energy storage
Catalysis



A Chattopadhyay
Theoretical &
Computational
Chemistry



P Bhavana
Inorganic Chemistry
Electrocatalysis



R N Panda
Solid-State
Chemistry &
Nano-Magnetism



R Chauhan
Polymers,
Green materials



K P Jayadevan
Metal Oxides
Electronic
Structure



H Prakash
Bio-Inorganic
Photochemistry
Water Research



M Banerjee
Organic Synthesis
Green Chemistry
Mechanochemistry



A Chatterjee
Molecular Sensor
Nanosensor
Green Chemistry



R Dey
Thermophysical
Properties
Renewable Energy



S Banerjee
Organic
Fluorophores,
Porphyrins



S Roy
Peptide &
Supramolecular
Chemistry



K Vankayala
Materials
Electrochemistry,
Solar fuels



S Chatterjee
Inorganic
Bio-inorganic
Chemistry



W Sinha
Bio-Inorganic Chemistry
Renewable Energy



U Basu
Bio-Inorganic &
Medicinal
Chemistry



S Bhattacharya
Framework
Materials, Catalysis



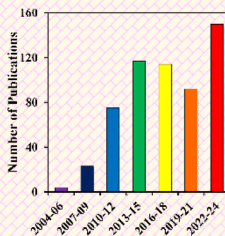
S K Nandi
Biophysical
Chemistry



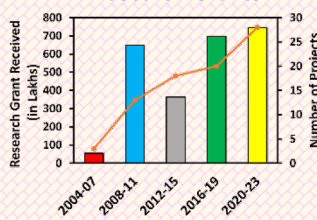
S Kumar
Bioorganic &
Medicinal
Chemistry

Publications, Funding and Collaborations (Journey of 20 Years)

Journal Publications



Research Grants



Funding Agencies



- Established 10+ Industry-Academia collaborations
- We have many active National and International collaborations

- We publish articles in peer-reviewed journals of highly reputed publishing houses
- Several National and International patents (>10 granted patents) have been filed and granted

Outreach Activities

