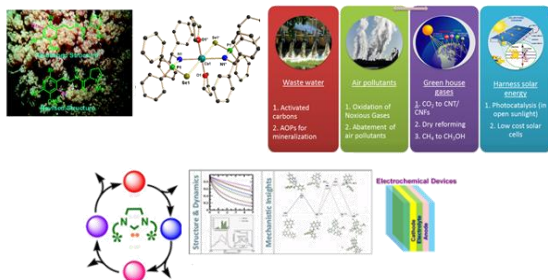




Department of Chemistry at IIT Hyderabad is actively conducting research in cutting-edge areas of Organic Synthesis, Green Chemistry, Molecular Modeling, Energy: Conversion, Saving & Storage, CO₂ Activation, Pollution Abatement, High Performance Composites, Molecular Sensors, Drug Development, Small Molecule Activation, Homogeneous Catalysis, Host-Guest Chemistry, Superconductivity, Thermoelectric Materials, Spectroscopy & Dynamics etc. The Department also has several sponsored projects in diverse areas of Chemistry. The Department, has many state of the art research facilities which include, a 400 MHz NMR, High Resolution Mass Spectrometer, a BET Analyzer, TOC- & CHN- Analysers, UV-Visible, FTIR, Fluorescence/Lifetime and Raman Spectrometers, Differential Scanning Calorimetry, Single Crystal XRD, Gas Chromatography-Mass Spectrometer, HPLC, Glove Boxes, Multimode Atomic Force Microscope and many such sophisticated set-ups. The Department has excellent infrastructure for conducting innovative research activities in multidisciplinary areas of Science & Technology.

We strive to be a frontrunner in addressing challenging research problems in Chemical Sciences.



For more information contact:

Indian Institute of Technology Hyderabad
Kandi-502285, Sangareddy, Telangana (INDIA)
Phone: 040 - 2301 6026 (Academic Office)
Fax: 040 - 2301 6032
E-mail : cy_phdadm@iith.ac.in

Ph.D in Chemistry

Our Ph.D. program has been designed with an appropriate combination of coursework and research activities along with guidance from faculty advisors. At the completion of Ph.D. program, students are expected to have professional command of the fundamentals of their disciplines and the ability to initiate independent and creative research in their fields.

Online portal for applying:

<http://www.iith.ac.in/phdadmissions/>

Research areas

Inorganic Chemistry: Tarun K. Panda, G. Prabusankar, Somnath Maji and Jai Prakash
Organic Chemistry: Prof. Faiz Ahmed Khan, G. Satyanarayana and D. S. Sharada
Physical Chemistry: Ch. Subrahmanyam, M. Deepa, Bhabani S. Mallik, Surendra K. Martha and Surajit Maity

Eligibility Criteria for Ph.D. Program

For Regular Candidates:

- Master's (MSc) degree in Chemical Sciences with good academic record.
- Valid GATE-score/UGC-JRF/CSIR-JRF or DST INSPIRE or any other Self Scholarship.

For Sponsored Candidates:

Category A:

- Students working under sponsored projects (i.e. DST, CSIR, BRNS, DBT, etc.) of Indian Institute of Technology Hyderabad (IITH), with valid GATE-score/CSIR-JRF/UGC-JRF/Lectureship (LS) at the time of joining the project are also eligible to apply for the PhD program (candidates from sponsored program are not eligible for any stipend from MHRD).

Category B:

- Candidates working in reputed research/industrial organizations may also apply under sponsored Ph.D. program (candidates from sponsored program are not eligible for any stipend from MHRD).
- A proof of sponsorship from parent organization must be provided at the time of interview.
- The selected candidates must complete their coursework in the Department of Chemistry at IIT Hyderabad.

Important Notes:

- Department may follow certain cut-off criteria:
 - Depending on the departmental requirement and based on the total number of applications received.
 - Based on the number of applications received for individual research discipline.
 - The number of applications received in preference to each research discipline (i.e. first preference given by the candidate).
 - In general, more weightage will be given to the first choice of research interest (i.e. area of interest) given by candidates during the time of filling their application.
- SC/ST and OBC reservation will be implemented as per the Government rules.
- Rules set by the IITH Senate will be applied.

Some important guidelines to the candidates while filling the application form:

1. The candidate must mention very clearly about his/her qualifying exam details such as CSIR/UGC-JRF and/or GATE in appropriate columns.
2. Also, the candidate should provide the rank, score and **valid date** of his/her qualifying exam adequately in the respective columns.
3. Without fail, the candidate should mention his/her category (Gen/OBC-creamy layer or OBC-non-creamy layer or SC or ST).
4. Also, the candidate must specifically describe his/her area of interest (research discipline) as “**Organic or Inorganic or Physical or Computational Chemistry**”.
5. Incomplete applications will be rejected.
6. For more details of ongoing research interests in the “Department of Chemistry”, please visit below link:

<http://chemistry.iith.ac.in/faculty.html>