



School of Liberal Arts and Applied Sciences

DEPARTMENT OF CHEMISTRY

ABOUT HITS

Hindustan Institute of Technology & Science (HITS) is a prestigious Deemed University located in Chennai, Tamil Nadu, India, and offers a wide spectrum of Undergraduate, Postgraduate, Research and Doctoral Programs. University is accredited with an "A" Grade by the National Assessment & Accreditation Council (NAAC), Govt. of India. The institution has been awarded overall QS 3 Stars National Board of Accreditation (NBA), has accredited B. Tech. Aeronautical Engineering program. Regular Engineering, Management, Humanities & Arts programs are offered in the institution. HITS have established collaborations with international Universities of repute across 50 countries in the world for student /faculty exchange and joint research programs and projects.

PROGRAMMES OFFERED

Department of Chemistry, School of Science & Humanities, Hindustan Institute of Technology & Science (Deemed to be University) Offers the following Programs.

🧪 **M.Sc. (Chemistry)**

🧪 **Ph.D (Chemistry)**

ABOUT THE DEPARTMENT

The Department of Chemistry under the School of Science and Humanities was established in the year 1985. The Department handles Chemical Science courses of all streams of B.Tech., students and imparts in-depth Knowledge and Research Skills in Chemistry and thereby helps to form a strong basic science and research foundation which is essentially required to transform the engineering students as Technocrats. In addition, the department also offers M.Sc., & Ph.D., Programs.

The highly qualified faculty members of the department are actively involved in Research activities in the fields of Green Chemistry, Material Science, Polymers, Nano-technology, Catalysis, Organic Synthesis, Coordination Chemistry, etc.

Research work of faculty members is supported by the premier funding agencies such as DST and DRDO.



M.Sc. (Chemistry)

Duration: 2 Years

Eligibility: A Pass in B.Sc., (Chemistry)

Objectives

To enrich the students with advanced theoretical concepts and know-how through practical oriented teaching / training coupled with a research project so as to enable the students face the challenges of the current Industrial / Research needs.

Structure

The program offers advanced level study of essential aspects of Chemical Sciences. In addition, Chemistry related interdisciplinary areas are also covered.

Career Prospects

The following are some of the potential Job prospects / Job areas for the students of the programme.

-  Chemical Industries
-  Pharmaceutical Industries or Factories
-  Petroleum companies
-  Fertilizers industries
-  Polymer industries
-  Effluent disposal & Pollution control
-  Food Processing Industries



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