



The Department of Chemistry has grown in multiple dimensions and today it has 34 faculty members, and 27 technical and administrative staff members. The Department is home to around 100 M. Sc students and 300 Ph. D students at any given time. The Department is among the best in the country in both teaching and research and is well recognized throughout the world through many of its Alumni. Today, the Department stands tall in terms of quality research at the national and international platforms. Its outstanding and dedicated faculty and students are among its core strengths.

Faculty members of the Department have excelled and are instrumental in the setting up of three different research centres, namely, Thematic Unit of Excellence (TUE) for nanoscience, National Centre for Catalysis Research (NCCR) and Centre for Magnetic Resonance Imaging and Spectroscopy (MRI). They are dynamic and attract excellent funding from both Government and Industry.

The Department is very proud that our faculty members not only practice basic science but also are involved in solving socially



Prof. Sanjay Kumar
Head of the Department



relevant scientific problems such as water purification methods using nano technology.

The Department has two academic programmes, a Master of Science in Chemistry and Ph. D. The selection of the students into the Master's program is through a national level entrance examination called 'JAM', organized jointly by all the IITs in the country. The selection of students into the Ph. D programme is via a pre-qualification in one of the examinations, namely, GATE, CSIR-UGC/JRF and INSPIRE by Government of India, followed by an in-person interview. Details of these programs can be found in this website and also in the IITM website.

Programmes (M.Sc.)

- Chemistry

About

The two years M.Sc (General Chemistry) course is a flagship program of the Department of Chemistry at IIT Madras. The course consists of four semesters with continuous evaluation of the students. The curriculum and syllabus were consciously drawn for a General Chemistry program covering all aspects of chemistry to ensure a well-rounded training in theory as well as laboratory practical aspects of Chemistry. The viva voce conducted during laboratory classes and student seminars were the hallmarks of this program which provided the students with the invaluable experience to "stand up and deliver". The value of such an experience has been deeply appreciated by the Alumni of the Chemistry Department long after their graduation. Presently the students are admitted on the basis of Joint Admissions Test for MSc (JAM), a national level common entrance examination and the students are selected from all over India.

Students have many options/opportunities available to them in India and abroad, and tend to take up various assignments after their M. Sc Degree. A fairly good number





DEPARTMENT OF CHEMISTRY

of them still opt for Ph.D. admissions abroad and among the top ranking institutions within India. Not surprisingly, over the years, the Alumni of the M.Sc. Chemistry program have taken up top positions in various academic and research institutions and in top Chemical and Pharma industries around the world. Quite a few of them have been recognized as “Distinguished Alumni” by their Alma Mater for their accomplishments in academics and research.

From a humble beginning with a handfull of motivated students, the M. Sc (General Chemistry) program at IIT Madras has grown from strength to strength into a deep-rooted, fruit-bearing tree that is currently nurtured by a highly qualified and dedicated team of faculty members of the Department of Chemistry. It will hopefully continue to grow and provide extensive knowledge and resource in contemporary topics to the future generation of young chemists.

Placements



ADITYA BIRLA GROUP



Reliance

ALLEN
CAREER INSTITUTE



ExxonMobil





Faculty

Dr. Anbarasan, P.
Dr. Archita Patnaik
Dr. Arnab Rit
Dr. Arti Dua
Dr. Baskaran, S.
Dr. Beeraiah Baire
Dr. Bhyrappa, P.
Dr. Chaitanya Sharma Yamijala
Dr. Debashis Chakraborty
Dr. Dhamodharan, R.
Dr. Dillip Kumar Chand
Dr. Edamana Prasad
Dr. Hema Chandra Kotamarthi
Dr. Indrapal Singh Aidhen
Dr. Jeganmohan, M.
Dr. Kartik Chandra Mondal
Dr. Kothandaraman, R.
Dr. Mahiuddin Baidya, M. D.
Dr. Mishra, Ashok Kumar
Dr. Muraleedharan, K. M.
Dr. Narasimha Murthy, N.
Dr. Palaniselvam Thangavelu
Dr. Pradeep, T.
Dr. Rajakumar Balla
Dr. Ramesh Laxminarayan Gardas
Dr. Ranga Rao, G.
Dr. Sanjay Kumar
Dr. Sankararaman, S.
Dr. Sekar, G.
Dr. Selvam, P.
Dr. Sooraj Kunnikuruvan
Dr. Sudam G. Dawande
Dr. Sundargopal Ghosh
Dr. Venkatakrishnan, P.
Dr. Vidyasagar, K.

