

## *Courses Offered*

### M.Sc Chemistry

#### Eligibility for admission to M.Sc

Pass in B.Sc. Chemistry examination, degree awarded by recognized Indian Universities with Physics and Mathematics (Preferably) as the allied subjects

#### Highlights of M.Sc Chemistry Course

**Core Subjects:** Inorganic, Organic, Physical and Analytical Chemistry:

#### **Elective Subjects:**

- **Industry Oriented courses:** Petroleum chemistry, textile chemistry, modern instrumentation techniques, inorganic materials of industrial importance,
- **Research Oriented courses :** Research methodology and research ethics, supramolecular chemistry, Electronic properties of semiconductor materials
- **Competitive exam based courses:** Chemistry for competitive exams

#### Practical Skills

- Semi Micro Quantitative and Qualitative Analysis
- Organic Analysis, Preparation
- Spectral Characterization
- Electroanalytical Practicals

#### Unique Features of the Department

- Special coaching classes for competitive exams (CSIR NET, JRF, GATE)
- MSc Individual projects transformed to Research Articles
- Value Added Courses
- Industrial Visits
- Talent Exposure Activities
- Regular monitoring of students through Parents-teachers meeting
- Students' Progression to Research and Employment
- Students participation in conferences and seminars

#### *Instrumentation*

**Students are provided with hands on training and experience to handle Sophisticated Instruments like**

- Spectrophotometer
- Electrochemical Work Station
- Infrared Spectrometer
- Photocatalytic Reactor
- Tubular furnace
- Muffle Furnace with catalytic pyrolytic reactor
- Flame photometer
- Computational Methodology



**DWARAKA DOSS GOVERDHAN  
DOSS VAISHNAV COLLEGE  
ARUMBAKKAM,  
CHENNAI-600106**



## **PG & Research Department of Chemistry**

#### **SALIENT FEATURES**

-  Excellent Curriculum & Infrastructure
-  Practice-Oriented Teaching & Research
-  Smart Classrooms & Fully Equipped Labs
-  Continuous Assessment & CBCS System
-  Research Exposure & Well-stocked Library
-  24x7 Campus Wi-Fi
-  Placement & Career Guidance
-  CSIR-NET Workshops by Experts
-  Hostel Facility
-  Internships
-  Startup & Skill Development Workshops
-  National Seminars & Conferences
-  Industrial Visits