

**Department of Chemistry
Jadavpur University
Kolkata**

DST – Fund for Improvement in S&T Infrastructure

Brief Outline of the Department

The Department of Chemistry was founded in the year 1956 and since then it has steadily developed into a leading centre of research and teaching in Jadavpur University. The Department has earned national and international reputation for its teaching and research in the areas of Organic, Inorganic, Physical, Analytical and Theoretical Chemistry. The outstanding contribution of the Department has been recognized through the programmes: (1) DRS – 1978, (2) COSIST–1987, (3) DSA–Phase I–1983, Phase–II–1990 and Phase–III–1998, (4) FIST–2002, (5) CAS–2007 and (6) UGC Spl. Grant–2007.

Teaching & Research Activities

Teaching: Courses offered: B.Sc. (Hons. Chemistry) (3 yrs, Intake: 50) and M.Sc. (**Day**, 2 yrs, 35; **Evening**, 3 yrs, 35) for departmental students; and taught Chemistry (Sub.) to other UG Science students and Chemical Science to students belonging to Chemical, Civil, Production, Metallurgy, Power, Construction and Instrumentation Engineering Departments.

Research: Ph.D. and Post-doctoral work, more than 100 publications in reputed National and International Journals and 20 PhDs per year, 51 research projects at present. Number of research fellows: Fulltime: 68, Part time: 42.

Facilities Create

A 300 MHz multinuclear NMR spectrometer (AV300 Digital FT NMR Spectrometer, Bruker) has been installed, which is satisfactorily serving the requirements of the Teachers, Students and Research Scholars of the Department of Chemistry. It is also used for demonstration to the participants of the Refresher Courses organized by the Department.



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