



ORGANIC CHEMISTRY I (TAMIL)

PROF. SRINIVASAN VENKATARAMAN

Department of Chemistry
Retired from Loyola College

PRE-REQUISITES : Anyone who has passed Std XII with chemistry as a subject and understands Tamil can enroll in this course. Students who have studied in Tamil medium will be the primary beneficiaries of this course.

INTENDED AUDIENCE : Undergraduates in the first, second year of study

COURSE OUTLINE :

This course is intended for students who are enrolled in an undergraduate course in chemistry. The lectures and tutorials will be in Tamil and English. The assignments and exams will be in English. Topics are based on the B.Sc. Chemistry syllabus for Tamil Nadu.

ABOUT INSTRUCTOR :

Prof. Srinivasan is a teacher and educator with both academic as well as industry experience. Educational Qualifications: Ph.D. in Organic Chemistry, Univ. of Minnesota, Minneapolis, Minn. 55455, USA-1966-70. B.Sc. (Tech) in Dyestuff Technology, Univ. of Bombay, Matunga, Bombay, India-1964-66. Industrial Experience: Coromandel Indag Products (P) Ltd, Chennai, India-Director of R&D-1979-1981. Fairmount Chemical Company, Newark, N.J., USA-Product Development Chemist-1974-78. Squibb Institute of Medical research -Postdoctoral Research Fellow -1972-73. Academic Experience: Loyola College, Chennai-600034: Lecturer, Senior Lecturer, and Reader in Chemistry- 1983-2003. Loyola College, Dept. of Chemistry- Director of Diploma in Applied Chemistry Program. 1987-90.

COURSE PLAN :

UNIT-I: CHEMISTRY OF PHENOLS AND AROMATIC ALCOHOLS.

UNIT-II: CHEMISTRY OF CARBONYL COMPOUNDS.

UNIT-III: CHEMISTRY OF CARBOXYLIC ACIDS AND THEIR DERIVATIVES.

UNIT-IV: CHEMISTRY OF NITROGEN COMPOUNDS.

UNIT-V: GREEN CHEMISTRY