Indian Institute of Technology, Kanpur

Department of Chemistry

Course Title	SPECIAL TOPICS IN PHYSICAL CHEMISTRY
Course No.:	CHM692
Credits:	3-0-0-0 (9)

Course Contents

The course contents will involve some topics of current interest in Physical Chemistry. Topics relating to quantum mechanics, thermodynamics, physical and chemical kinetics, spectroscopy, statistical mechanics, molecular simulations, continuum mechanics, solid-state and materials chemistry, biophysics, nonlinear dynamics, can be taught as part of this course. Additionally, new and emerging areas may be included from time-to-time. The exact topics for the course will be decided by the instructor at the time of offering the course. The instructor will share the course contents, reference books and list of prerequisites at the time of course registration.