

SARDAR PATEL UNIVERSITY
Programme & Subject: M.Sc (Bioinformatics)
Semester: III
Syllabus with effect from: June - 2011

Paper Code: PS03CMBI02	Total Credit: 5
Title Of Paper: Computational Structural Biology	

Unit	Description in Detail	Weightage (%)
	Introduction to biopolymer structure; Structure databases; Structural Classification of Proteins; Protein structure prediction based on sequence data, Homology modeling and fold recognition; Comparisons of Protein Structures; Molecular Docking and Macromolecular interactions; Drug designing; RNA structure Prediction	

