Course Number and Name	
BBM054 - Bio Informatics	
Course Objectives	
• To introduce Bioinformatics-Elementary commands and Protocols, ftp, telnet, http. Primer on information theory	
Prerequisites	**Co-requisites**
BBT202- Biology for Engineers.	NIL

Course Outcomes (COs)

CO1: To learn bioinformatics and the protocols.

CO2: To learn Strings-Edit distances two strings-string similarity local alignment gaps-parametric sequence alignments.

CO3: To have a clear view on Amino acid substitution matrices PAM and BLOSSUM.

CO4: To learn Ultrasonic trees-parsimony-Ultrametric problem-perfect phylogeny-phylogenetic alignment.

CO5: To DNA Mapping and sequencing-Map alignment-Large scale sequencing.

CO6: DNA Mapping and sequencing-Map alignment-Large scale sequencing and alignment.

Student Outcomes (SOs) from Criterion 3 covered by this Course

COs/SOs	a	b	c	d	e	f	g	h	i	j	k
CO1			H								
CO2			H	H		M					
CO3		M		H		H					
CO4	H	M		H							
CO5			H		H						
CO6											