

## Basics in Cellular Physiology- Course Outcome

Course outcome	CO statement	Cognitive Level*	Knowledge Category#	Evaluation Tools used
CO1	Explain the structure and functions of a cell, plasma membrane and cell organelles, the structure of carbohydrates, lipids, proteins, control of gene activity and tissues.	U	F&C	Short answer, paragraph type
CO2	Illustrate the structure of DNA, DNA replication, Mitosis, Meiosis, Chromosomes, Gene and genetic code, types of chromosomes,	U	F&C	
CO3	Predict possible inheritance patterns, in the real life or imaginary situations	AP	C& M	
CO4	Describe the characteristics of various types of chromosomal anomalies	U	C	
CO5	Aquire skill to handle microscopes and to do biological experiments	Ap	C&P	
CO6	Compare the characteristics of mendelian and Non mendelian inheritance patterns	U	C	
* - Remember (R), Understand (U), Apply (Ap), Analyse (An), Evaluate (E), Create (C) # - Factual Knowledge(F) Conceptual Knowledge (C) Procedural Knowledge (P) Metacognitive Knowledge (M)				