

M.V.R. DEGREE COLLEGE
(Affiliated to Andhra University)
An Institution of Priyadarshini Educational Academy)
NAAC ACCREDITED COLLEGE

Dr.V.Rama Rao, M.A.,Ph.D.,
Secretary & Correspondent

Dr.A.Balakrishna,M.Sc.,Ph.D.,
Principal

Department of Biotechnology
Bachelor of Science (B.Sc, MBBCBT, CBCBT, BCBTHG,)
APSCHE, Revised Syllabus of Biotechnology under CBCS Framework
w.e.f.2016-17

Course outcomes(COs) for Biotechnology

Code	Title of the Paper	Outcomes
Course 1 (TH)	MICROBIOLOGY AND CELL BIOLOGY	<p>CO:1 To acquire knowledge about basic definitions ,facts and concepts of unicellular and multicellular organisms. History of microbiology .</p> <p>CO2: To learn about the structure of bacteria and their endemic nature.To acquire knowledge about the parasites and their life cycle.</p> <p>CO3: To have knowledge about physiological and metabolic processes and cell signalling pathways .To impart laboratory observation skills .</p> <p>CO4: To acquire knowledge about cell organelles-nucleus ,ER,Golgi apparatus,mitochondria and ribosomes .</p> <p>CO5: To acquire knowledge about the cell membrane and develop scientific attitude,laboratory discipline and interest.</p>
Course 1 (PR)	PRACTICAL 1	<p>CO1: To know about the bacterial culture streaking ,pouring and spreading methods.</p> <p>CO2: To learn about the use of microorganisms in food industries.</p> <p>CO3: To learn about shapes of bacteria like bacilli and coccus.</p> <p>CO4:To learn about mitosis and meiosis.</p>

