

M.V.R. DEGREE COLLEGE
(UG And PG Courses)
(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 MICROBIOLOGY

Bachelor of Science (B.Sc. MB BC BT)

APSCHE, Revised Syllabus of Microbiology under CBCS Frame Work
w.e.f 2015-16 (Revised in April, 2015)

Program Specific Outcomes (PSOs)

PSO-1: Students get on insight into historical aspects of microorganism and impact on human societies. They could discover the different role of microbes in our daily life and apply basic microbiology concepts to solve problems related to microbiology issues.

PSO-2: They can study how to apply scientific methods for process by formulating questions designing investigations for make scientifically based decisions. Identify and discuss the importance of microorganisms in both industry and public health.

PSO-3: Biochemistry is the study of mechanisms of the life at molecular level. Thus, knowledge of this subject has become an indispensable tool to biologists. Biochemistry mainly deals with the reactions involved in the degradation of food substances which provide the energy required by organisms to survive.

PSO-4: Some of the major topics covered as part of this subject are principles of chemistry and physics structures and function of macro molecules such as proteins, carbohydrates, lipids and nucleic acids, enzymes and enzyme kinetics, biochemistry and function of micronutrients and vitamins and metabolism of carbohydrates, lipids and vitamins. In addition, molecular genetics, molecular cell biology and immunology are also covered.

PSO-5: Biotechnology is a multidisciplinary science that involves the application of scientific and engineering principles to enable processing of materials by biological agents, to provide an array of novel, value added products and tools. This subject covers areas such as cell biology, plant biotechnology, animal biotechnology, genetics, immunology-DNA technology, biostatistics, biophysics and biochemistry.



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PRINCIPAL

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