

**Dantuluri Narayana Raju College (Autonomous) Bhimavaram,  
(A College with Potential for Excellence)**

**DEPARTMENT OF MICROBIOLOGY**

**Course Outcome**

S.No.	Semester	Course Code	Course	Course Outcome
1	I		1A Introduction to Microbiology and Microbial Diversity	This course presents the study of Micro organisms. To make the student to understand Micro organisms and their participation in day to day activities. On successful completion of the subject the student should have understood the Role of microorganisms in the diversity
2	II		1B Microbial Chemistry and Metabolism	To acquaint students with concept Microbial Chemistry and Metabolism and also impart the skills in Enzyme Kinetics and knowledge of Classification, Structure and Characterization of Biomolecules in microorganisms
3	III		2A Microbial Genetics and Molecular Biology	On Successful Completion of this subject the students should have a sound knowledge about the genetics of microbes and Molecular Biology
4	IV		2B Immunology and Medical Microbiology	To inculcate knowledge in human immune response towards microorganisms. To inculcate knowledge in relationship between human disease and micro organisms, pathogenicity, laboratory diagnosis and treatment methods.
5	V		3A Environmental and Agricultural Microbiology	To inculcate knowledge in role of micro organisms in eco system and impact created by microbes in agricultural development.
			4A Food and Industrial Microbiology	Enable the student to get sufficient knowledge in relationship between food and microbes, techniques used in food processing and fermentation of industrial products
6	VI		3B Microbial Biotechnology	This course presents the utility of Microbes Goals: To make the student to understand the applications of Microbes. On successful completion of the subject the student should have understood:

				Fermentation, Microbial products, Vaccine and antibiotics.
			4B Microbial quality control in food & pharmaceutical industries	To acquaint students with concept of Microbial quality control in food & pharmaceutical industries
			5B Biofertilizers & Biopesticides	To acquaint students with Biofertilizers & Biopesticides
			6B Project Work	To acquaint students with knowledge in research level