

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

Course Outcome

S. No	Semester	Course Code	Course	Course Outcome
1	I	2121-1A	Microbial Diversity, Algae & Fungi	To think about the cause and advancement of life, arrangement of earth known to mankind and presence of life on earth. To think about microbial maladies with respect to different smaller scale life form in man, creatures and plants. To pick up information on Algae for developing the populaces with parcel of Economic significance as sustenance, grub and feed and so forth. To pick up learning of parasites as pathogen causing numerous starvations as previously and to survive and deal with the contagious infection and secure the existence shapes on the earth.
2	II	2121-1B	Diversity Of Archegoniates And Anatomy	To Know the structure of non-vascular plants. To Know the significance of mass plants. To know the structure of vascular plants. To realize the significance plant life systems
3	III	2221-2A	Plant Taxonomy And Embryology	To procure information to keep up professional flowerbed around the world. To procure the information of characterization of the plants and the correlation, birthplace and development of angiosperms which are the most vital species in our day by day life. To procure the information of the improvement of fetus and structure. To know the fertilization and preparation techniques to create with new hereditarily blends prompting new assortments.
4	IV	2221-2B	Plant Physiology And Metabolism	To learn water structure; its importance to the plants. To know the importance of minerals for the healthy growth of plants. To recognize the nitrogen metabolism in plants. To understand necessity of plastids in the process of photosynthesis. To get knowledge about metabolic processes in plants. To recognize hormones in the plants; their role in development process of plant
5	V	2321-3A	Cell Biology genetic and plant breeding	To know different cell organ ells, faculty importance in the life of cell. To understand cell division types. Importance of meiosis to maintain standard number of chromosomes in an organism. To know Mendelian principles To understand deviation breeds from mediation principles To recognize different breeds of crops

				To know different breeding techniques
6	V	2421-4A	Plant Ecology and Plant geography	To know different components of ecology To understand different trophic levels in the ecosystem. To recognize importance of organisms at a trophic level To understand the need to conserve biodiversity in their ecosystem To know the relation of ecosystem and environment. To know and identify endangered and endemic species of Andhra Pradesh. To explain different conservation techniques To know Red data list
7	V	2321-3B	Nursery Gardening and Floriculture	To Know the importance of Nursery To understand the facilities required to develop Nursery and gardening To recognize the importance of Nursery and gardening in Bio diversity To learn floriculture techniques and start small scale industry To know the demand and market value of different local flower varieties
8	V	2421-4B	Plant Diversity and Human Welfare	To know loss of biodiversity in different levels. To get knowledge about organizations associated with biodiversity loss. To understand and implement solid and liquid waste management. To protect plant species in their surroundings. To recognize the importance of forest utilization and commercial aspects.
9		2421-5B	Ethno botany and Medicinal botany	To know different ethnic people of Andhra Pradesh To identify ethnic people habitat. To understand tribal life style. To know different medicinal plants and their usage, dose etc. To understand medicine source to the traditional medicinal systems. To know the traditional medicinal systems and their history. To understand efficacy of Ayurvedam, siddha and unani systems. To recognize medicinal sources of Ayurvedam.
10		2421-6B	Pharmacognosy and phyto chemistry	To know different classifications of medicines. Crude drug meaning to identify crude drugs. To understand different chemicals that act as medicine .Eg: Tannins, alkaloids etc To recognize medicinal plants and their use for different diseases. To know chemical structure of chemicals seen in plants. To identify different chemicals in a particular medicinal plant. To know about intellectual property rights To recognize different patents of America, Japan and China etc.