

# COURSE OUTCOME

## M.Sc BOTANY

SEMESTER 1		
COURSE CODE	COURSE TITLE	COURSE DURATION
BOT1C01	Phycology, Bryology, Pteridology and gymnosperms	1 Appreciate the gradual process of evolution 2. Understand the significance and interrelationships of lower plants. 3. Appreciate the wide range of lower plant diversity
BOT1C02	Mycology and Lichenology, Microbiology and Plant pathology	1 Understand the diversity and ecological roles of fungi 2. Appreciate the role of lichens in succession and as a pollution indicator 3. Become aware of various plant diseases and the role economic loss due to development of diseases.
BOT1C03	Angiosperm Anatomy, Angiosperm Embryology, Palynology and Lab techniques	1 Appreciate the indicate makeup of the anatomy of angiosperms and evolutionary process which has led to the development of complex anatomy 1 2. Understand the embryological and development aspects of angiosperms. 3. Realise the role of palynology in all other fields.

SEMESTER 2		
BOT2C04	Cell biology, Molecular biology and Biophysics	<p>1 Understand the molecular structure of living things</p> <p>2. realize the role of complex biomolecules and thousands of chemical reactions taking place in each and every living cell</p> <p>3. Develop skill to handle various instruments used for different research purposes</p>
BOT2C05	Cytogenetics, Genetics, Biostatistics, Plant breeding and Evolution	<p>1 Develop awareness on the possibility of developing new crop varieties with desired qualities through plant breeding methods.</p> <p>2. realize the roles played by millions of genes in organisms and appreciate the genetics of living things</p> <p>3. Understand the log process of organic evolution which lead to the development of the present day organisms.</p>
BOT2C06	Plant ecology, Conservation biology, phytogeography and forest botany	<p>1 Become aware of the intermediate necessity of environment conservation</p> <p>2. Try to reduce pollution and conserve biodiversity</p> <p>3. Understand the structure, ecology and various roles of forests.</p>