

<p>PROGRAMME NAME</p>	<p>BSc. HONOURS IN BOTANY</p>
<p>PROGRAMME SPECIFIC OUTCOME</p>	<p>After the completion of the admission process, the departmental faculties try to orient the first year students and make them aware of the upcoming curriculum as well as emphasise on the POs, PSOs and COs of the concerned discipline. Every faculty guides the students to achieve high ideals, goals and objectives stated therein. This helps the students to acquire a sense of the scope and content of the discipline and the possibilities for employment, further studies and research that the discipline has to offer. Further, in the first few classes of the semester/session individual teachers elaborate at length on the desired learning outcome of the particular course that they are responsible for. These measures ensure that synergy is achieved between learning outcome and learning objectives. In a generic sense, all courses and programmes impart comprehensive knowledge, critical ability among students, interdisciplinary approach to widen knowledge base, equip students with the spirit of social welfare and generate a passion for research and inculcate realisation that learning is a lifelong process. In order to develop clear academic goals, and in keeping with its Vision and Mission, the Institution has made it mandatory for its faculty to formulate Course Outcomes (COs) describing what every student should be able to do at the end of any particular course. The COs have been formulated, after due deliberation, by the faculty member/s teaching each course. The COs are vetted by the respective Head of Department. This exercise has been undertaken for all the Semesters of the CBCS curriculum. Each Department has also formulated Programme Specific Outcomes (PSOs) for the programmes conducted by it. These delineate the knowledge and skills that would be expected to be possessed by a student, in a particular subject, upon the completion of their undergraduate/postgraduate studies. Further, Programmes Outcomes (POs) have also been developed clearly enunciating the skills, knowledge and attributes expected to be possessed by a graduate/postgraduate at the time of his/her graduation.</p> <p>With these outcomes remaining in clear perspective thus, the teachers and students alike conscientiously work in tandem to reach the desired objectives.</p> <p>Programme Outcome: B.Sc. Honours in Botany</p> <p>a) Being a practical based subject, a student completing this</p>

programme become adept in hands-on activities.

b) Students get conversant with different recent trends of scientific works happening in and around on plant sciences.

It is extremely important that both, the teacher and students are clear about the contents, scope and limitations, and the competencies expected to be developed as a result of undergoing a particular programme/course of study. This clarity helps the teacher to plan for and execute content-delivery in an efficient manner, while the learner is made aware of the standards that he/she is expected to attain.

HONOURS COURSE OUTCOMES			
SEMESTER	COURSE CODE	COURSE TITLE	COURSE OUTCOME
I	CC-1	Microbiology and Phycology	This paper introduces the student to the world of bacteria and viruses. Several class characters of different groups of algae are also taught here.
I	CC-2	Archegoniate	A concise idea on bryophyte, pteridophyte and gymnosperms are formulated among the students.
I	AECC-1	COMPULSORY ENVS	AECC-1 is a compulsory general paper of 1st year undergraduate student. In this paper We teaches the fundamentals of environmental studies.This paper introduces the fundamental principles and concept of environmental science , ecology and related interdisciplinary subject such as policy , law ,Economics, pollution control , resources management etc.
II	CC-3	Mycology and Phytopathology	The basic concepts of plant diseases and the world of fungi are introduced to the students through this paper.
II	CC-4	Morphology & Anatomy of Angiosperms	The anatomical intricacies of the plant world with a detailed discussion on their morphological aspects are highlighted here.
II	AECC-2	COMMUNICATIVE ENGLISH/MIL (BENGALI/FRENCH)	COURSE OUTCOME GIVEN SHEET CONTAINING IN ENGLISH , BENGALI , FRENCH AECC-2 (SEMESTER-2)
III	CC-5	Plant Ecology and Phytogeography	Students are made aware of the ecological impact of plants and the phytogeographical distribution of plants over the world.
III	CC-6	Plant Systematics	The rules and regulation of plant classification are taught in this paper.
III	CC-7	Economic Botany	The industrial application and economic importance of various spices, beverages, rubber etc. are taught here.
III	SEC-1	Mushroom Culture Technology	The cultivation methodology, storage and marketing of edible mushrooms are communicated to the students here.

IV	CC-8	Palaeobotany & Palynology	This core course gives an insight into the prehistoric world of fossil plants and pollination.
IV	CC-9	Biomolecules and Cell Biology	The building blocks of cell and with their basic structure are looked into, through this core course.
IV	CC-10	Molecular Biology	This paper deals with the procedure of central dogma of life.
IV	SEC-2	Plant Diversity and Human Welfare	The paper compels the student to give a thought on the conservation of biodiversity.
V	CC-11	Plant Physiology	The survival mechanism and normal physiological process of plants are studied here.
V	CC-12	Plant Metabolism	The regulatory mechanism of the metabolic process along with the signal transduction mechanism are taught here.
V	DSE-1	Reproductive Biology of Angiosperms	This paper comprises of the fertilization complexities observed in plant kingdom.
V	DSE-2	Natural Resource Management	The students find immense interest in learning about the natural renewable resources of this green planet.
VI	CC-13	Genetics & Plant Breeding	The students are edified with methods of plant breeding along with the genetics of heredity through this paper.
VI	CC-14	Plant Biotechnology	The students are enlightened with the recent advancements in the field of biotechnology in this course.
VI	DSE-3	Plant Evolution and Biodiversity	Once again a brainstorming session takes place on the evolution and biodiversity of plantlife.

VI	DSE-4	Industrial and Environmental Microbiology	Students became well-versed in the implementation of microbes in the protection of environment with simultaneous efficient increment of industrial output.