

B.SC BOTANY PROGRAMME
SCHEME OF LEARNING AND EVALUATION
(For the students admitted in the academic year 2025 – 2026 & onwards)
Outcome Based Curriculum Framework with CBCS

Course Code	Course Title	Course Category	Course Type	Part Type	Lecture Hours	Tutorial Hours	Practical Hours	Course Credits	Max CA Marks	Max CE Marks	Total Marks
SEMESTER - I											
25LAT101	TAMIL-I	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAH101	HINDI-I	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAF101	FRENCH-I FRENCH CULTURE & COMMUNICATION -I	ELECTIVE	THEORY	1	5	1	0	3	25	75	100
25EU101	COMMUNICATIVE ENGLISH-I: INTERPERSONAL COMMUNICATION	CORE	THEORY	2	6	0	0	3	25	75	100
25BOU101	MICROBIOLOGY	CORE	THEORY	3	4	1	0	4	25	75	100
25BOU102	PLANT DIVERSITY	CORE	THEORY	3	4	1	0	4	25	75	100
25BOU103	ZOOLOGY- I	CORE	THEORY	3	4	0	0	4	25	75	100
25BOU207	PLANT SCIENCE PRACTICAL I (SKILL BASED)	CORE	PRACTICAL	3	0	0	2	0	0	0	0
25BOU208	ZOOLOGY (ANCILLARY) PRACTICAL (SKILL BASED)	CORE	PRACTICAL	3	0	0	2	0	0	0	0
SEMESTER - II											
25LAT202	TAMIL-II	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAH202	HINDI-II	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAF202	FRENCH-II FRENCH CULTURE & COMMUNICATION - II	ELECTIVE	THEORY	1	5	1	0	3	25	75	100
25EU202	COMMUNICATIVE ENGLISH-II: ACADEMIC COMMUNICATION	CORE	THEORY	2	4	0	0	3	25	75	100
25BOU204	VEGETATIVE PLANT BIOLOGY	CORE	THEORY	3	4	1	0	3	25	75	100
25BOU205	REPRODUCTIVE PLANT BIOLOGY	CORE	THEORY	3	4	1	0	3	25	75	100
25BOU206	ZOOLOGY II	CORE	THEORY	3	4	0	0	3	25	75	100
25BOU207	PLANT SCIENCE PRACTICAL I (SKILL BASED)	CORE	PRACTICAL	3	0	0	2	4	40	60	100
25BOU208	ZOOLOGY PRACTICAL (SKILL BASED)	CORE	PRACTICAL	3	0	0	2	2	40	60	100
25AECU201	ABILITY ENHANCEMENT COMPULSORY COURSE-I: (VALUES, ETHICS, HEALTH & WELLNESS FOR HUMAN EXCELLENCE)	CORE	THEORY	4	0	2	0	2	100	0	100
25PSEU201	PROFESSIONAL SKILL ENHANCEMENT-I	CORE	THEORY	4	2	0	0	2	100	0	100
SEMESTER - III											
25LAT303	TAMIL-III	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAH303	HINDI-III	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAF303	FRENCH-III	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25EU303	COMMUNICATIVE ENGLISH-III: DEVELOPING ENGLISH LANGUAGE SKILLS THROUGH LITERATURE	CORE	THEORY	2	6	0	0	3	25	75	100
25BOU309	CYTOLOGY & MOLECULAR BIOLOGY	CORE	THEORY	3	3	1	0	3	25	75	100
25BOU310	PLANT PATHOLOGY	CORE	THEORY	3	3	1	0	3	25	75	100
25BOU311	CHEMISTRY I	CORE	THEORY	3	4	0	0	4	25	75	100
25BOU415	PLANT SCIENCE PRACTICAL II (SKILL BASED)	CORE	PRACTICAL	3	0	0	2	0	0	0	0
25BOU416	CHEMISTRY PRACTICAL (SKILL BASED) (CH)	CORE	PRACTICAL	3	0	0	2	0	0	0	0
25AECU302	ABILITY ENHANCEMENT COMPULSORY COURSE-II: ENVIRONMENTAL STUDIES & SUSTAINABLE DEVELOPMENT GOALS	CORE	THEORY	4	2	0	0	2	100	0	100

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SEMESTER - IV											
25LAT404	TAMIL-IV	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAH404	HINDI-IV	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25LAF404	FRENCH-IV	ELECTIVE	THEORY	1	6	0	0	3	25	75	100
25EU404	COMMUNICATIVE ENGLISH-IV: ENGLISH FOR CAREER	CORE	THEORY	2	4	0	0	3	25	75	100
25BOU412	GENETICS & PLANT BREEDING	CORE	THEORY	3	3	1	0	3	25	75	100
25BOU413	RESEARCH METHODOLOGY & IPR	CORE	THEORY	3	3	1	0	3	25	75	100
25BOU414	CHEMISTRY II	CORE	THEORY	3	4	0	0	3	25	75	100
25BOU415	PLANT SCIENCE PRACTICAL II (SKILL BASED)	CORE	PRACTICAL	3	0	0	2	4	40	60	100
25BOU416	CHEMISTRY PRACTICAL (SKILL BASED) (CH)	CORE	PRACTICAL	3	0	0	2	2	40	60	100
25SECU401	SKILL ENHANCEMENT COURSE-I: INFORMATION SECURITY	CORE	THEORY	4	2	0	0	2	100	0	100
25PSEU402	PROFESSIONAL SKILL ENHANCEMENT-II	CORE	THEORY	4	2	0	0	2	100	0	100
SEMESTER - V											
25BOU517A	MAJOR ELECTIVE COURSE I - HORTICULTURE	ELECTIVE	THEORY	3	4	0	0	4	25	75	100
25BOU517B	MAJOR ELECTIVE COURSE I - BIOLOGICAL DATABASES	ELECTIVE	THEORY	3	4	0	0	4	25	75	100
25BOU518	PLANT TAXONOMY & ECONOMIC BOTANY	CORE	THEORY	3	5	1	0	4	25	75	100
25BOU519	MEDICINAL PLANT SCIENCE	CORE	THEORY	3	5	1	0	4	25	75	100
25BOU520	SILVICULTURE & AGRO FORESTRY	CORE	THEORY	3	5	1	0	4	25	75	100
25BOU521	PLANT SCIENCE PRACTICAL III (SKILL BASED)	CORE	PRACTICAL	3	0	0	6	4	40	60	100
25BOU522	INTERNSHIP	CORE	TRAINING	3	0	0	0	2	40	60	100
25BOU523	TRANS DISCIPLINARY COURSE	ELECTIVE	THEORY	3	2	0	0	2	100	0	100
25SECU502	SKILL ENHANCEMENT COURSE-II: INDIAN KNOWLEDGE SYSTEM [COMPUTER BASED TEST]	CORE	THEORY	4	0	0	0	2	0	100	100
SEMESTER - VI											
25BOU624A	MAJOR ELECTIVE COURSE II - INDUSTRIAL BIOTECHNOLOGY	ELECTIVE	THEORY	3	4	0	0	4	25	75	100
25BOU624B	MAJOR ELECTIVE COURSE II Bioinformatics	ELECTIVE	THEORY	3	4	0	0	4	25	75	100
25BOU625	PLANT ECOLOGY	CORE	THEORY	3	5	1	0	4	25	75	100
25BOU626	PLANT METABOLISM	CORE	THEORY	3	5	1	0	4	25	75	100
25BOU627	PLANT TISSUE CULTURE	CORE	THEORY	3	5	1	0	4	25	75	100
25BOU628	PLANT SCIENCE PRACTICAL IV (SKILL BASED)	CORE	PRACTICAL	3	0	0	6	4	40	60	100
25BOU629	PROJECT (GROUP)/INNOVATION/STARTUP	CORE	PROJECT	3	0	0	0	4	40	60	100
25PCSUBOU	PROFESSIONAL COMPETENCY SKILL - CAREER DEVELOPMENT IN BOTANY	CORE	THEORY	4	2	0	0	2	100	0	100