

**PSG College of Arts & Science, Coimbatore – 14.**

**Scheme of Learning and Evaluation**

**Programme: B Sc Biochemistry (SF)**

Course Code	Course Title	Course Category	Course Type	Part Type	Semester	Credits
22LAT101N	Tamil-I	ELECTIVE	THEORY	1	1	3
22LAH101N	Hindi-I	ELECTIVE	THEORY	1	1	3
22LAF101N	French-I	ELECTIVE	THEORY	1	1	3
22EU101N	COMMUNICATIVE English-I- INTERPERSONAL COMMUNICATION	CORE	THEORY	2	1	3
22BCU101N	SUBCELLULAR Biochemistry	CORE	THEORY	3	1	4
22BCU102N	STRUCTURAL Biochemistry	CORE	THEORY	3	1	4
22BCU103N	INTERDISCIPLINARY COURSE -GENERAL BIOLOGY	CORE	THEORY	3	1	4
22BCU104N	Biochemistry PRACTICAL- I	CORE	PRACTICAL	3	1	2
22BCU105N	INTERDISCIPLINARY COURSE -BIOLOGY PRACTICAL (SKILL BASED)	CORE	PRACTICAL	3	1	1
22BTU103N	Chemistry OF BIOMOLECULES	CORE	THEORY	3	1	4
22BTU105N	Biochemistry PRACTICAL	CORE	PRACTICAL	3	1	2
22LAT202N	Tamil II	ELECTIVE	THEORY	1	2	3
22LAH202N	Hindi II	ELECTIVE	THEORY	1	2	3
22LAF202N	FRENCH - II - FRENCH LANGUAGE & CULTURE - II	ELECTIVE	THEORY	1	2	3
22EU202N	Communicative English- II- Academic Communication	CORE	THEORY	2	2	3
22BCU206N	Microbiology	CORE	THEORY	3	2	4
22BCU207N	Enzymology	CORE	THEORY	3	2	4
22BCU208N	Mathematics	CORE	THEORY	3	2	3
23AECU201	Ability Enhancement Compulsory Course-I - Values and Ethics for Human Excellence	CORE	THEORY	4	2	2
23PSEU201	Professional Skill Enhancement-I	CORE	THEORY	4	2	2
22BCU312N	Biochemistry Practicals-II	CORE	PRACTICAL	3	2	2
22LAT303N	Tamil-III	ELECTIVE	THEORY	1	3	3

22LAH303N	Hindi-III	ELECTIVE	THEORY	1	3	3
22LAF303N	French-III	ELECTIVE	THEORY	1	3	3
22EU303N	COMMUNICATIVE English-III-DEVELOPING English LANGUAGE SKILLS THROUGH LITERATURE	CORE	THEORY	2	3	3
22BCU309N	MOLECULAR BIOLOGY	CORE	THEORY	3	3	4
22BCU310N	BIOCHEMICAL TECHNIQUES	CORE	THEORY	3	3	4
22BCU311N	Physics-I	CORE	THEORY	3	3	3
22BCU312N	Biochemistry PRACTICAL- II	CORE	PRACTICAL	3	3	2
22BCU416N	Physics PRACTICAL	CORE	PRACTICAL	3	3	2
22AECU302	ABILITY ENHANCEMENT COURSE-II- ENVIRONMENTAL STUDIES & SUSTAINABLE DEVELOPMENT GOALS	CORE	THEORY	4	3	2
22LAT404N	Tamil - IV	ELECTIVE	THEORY	1	4	3
22LAH404N	Hindi - IV	ELECTIVE	THEORY	1	4	3
22LAF404N	FRENCH - IV FRENCH & FRANCOPHONE LITERATURE & ADVANCED GRAMMAR- II	ELECTIVE	THEORY	1	4	3
22EU404N	Communicative English- IV- English for Career	CORE	THEORY	2	4	3
22BCU413N	Basics of Immunology	CORE	THEORY	3	4	4
22BCU414N	Recombinant DNA Technology	CORE	THEORY	3	4	4
22BCU415N	Physics-II	CORE	THEORY	3	4	3
22BCU416N	Physics Practical	CORE	PRACTICAL	3	4	2
22SECU401	Skill Enhancement Course I- Information Security	CORE	THEORY	4	4	2
23PSEU402	Professional Skill Enhancement-II	CORE	THEORY	4	4	2
22BCU522N	Biochemistry Practicals-III	CORE	PRACTICAL	3	4	2
22BCU517	ON JOB TRAINING	CORE	TRAINING	3	5	2
22BCU518	NANO BIOLOGY	CORE	THEORY	3	5	4
22BCU519	TISSUE CULTURE AND Biotechnology	CORE	THEORY	3	5	3
22BCU520	INTERMEDIARY METABOLISM	CORE	THEORY	3	5	4
22BCU521	COMPUTATIONAL TECHNIQUES IN BIOINFORMATICS	CORE	THEORY	3	5	3

22BCU522	Biochemistry PRACTICAL - III	CORE	PRACTICAL	3	5	2
22BCU523	Biochemistry PRACTICAL - IV	CORE	PRACTICAL	3	5	1
22BCU524A	DISCIPLINE SPECIFIC ELECTIVE-I- PHYSIOLOGY AND ENDOCRINOLOGY	CORE	THEORY	3	5	4
22BCU626	Plant Biochemistry	CORE	THEORY	3	6	4
22BCU627	Clinical Biochemistry	CORE	THEORY	3	6	4
22BCU631	Project/Innovation/Startup	CORE	PROJECT	3	6	6
22BCU628	Cell - A Molecular Approach	CORE	THEORY	3	6	4
22BCU629	Biochemistry Practical V	CORE	PRACTICAL	3	6	3
22BCU630A	Major Elective Course - II Pharmacokinetics and Clinical Trials	CORE	THEORY	3	6	4