

b. Semester-wise in tabular column as in college calendar**FIRST SEMESTER**

Sl. No.	Course Component	SUBJECTS
1	Part- I	Language Paper-I (Tamil - I)
2	Part- II	Communicative English - I
3	Part- III: Core Course	Invertebrata
		Practical- I Invertebrata and Chordata*
4	Allied	Botany -I
		Practical - Botany I*
5	Part- IV	(a) Not studied Tamil upto XII std take Basic Tamil comprising of two courses (Level VI Std.) (b) Studied Tamil upto XII std taken Advanced Tamil comprising of two courses (c) Others who do not come under a & b can choose non-major elective comprising of two courses. Choose any one paper the other Department
6	Soft Skill - I	English for Life Sciences

*Examination will be held in Semester -II

SECOND SEMESTER

Sl. No.	Course Component	SUBJECTS
1	Part- I	Language Paper-II (Tamil - II)
2	Part- II	Communicative English - II
3	Part- III: Core Course	Chordata
		Practical- I Invertebrata and Chordata*
4	Allied	Botany -II
		Practical - Botany I & II*
5	Part- IV	<p>(a) Not studied Tamil upto XII std take Basic Tamil comprising of two courses (Level VI Std.)</p> <p>(b) Studied Tamil upto XII std taken Advanced Tamil comprising of two courses</p> <p>(c) Others who do not come under a & b can choose non-major elective comprising of two courses. Choose any one paper the other Department</p>
6	Soft Skill - II	Soft Skills

THIRD SEMESTER

Sl. No.	Course Component	SUBJECTS
1	Part- I	Language Paper-III (Tamil - III)
2	Part- II	Communicative English - III
3	Part- III: Core Course	Cell and Molecular Biology
		Practical- II Cell Biology, Genetics and Evolution *
4	Allied	Chemistry –I
		Practical - Chemistry - I *
5	Part- IV	Environmental Studies
		Soft Skills

* Examination will be conducted during the end of Sem - IV

FOURTH SEMESTER

Sl. No.	Course Component	SUBJECTS
1	Part- I	Language Paper-IV (Tamil - IV)
2	Part- II	Communicative English - IV
3	Part- III: Core Course	Genetics and Evolution
		Practical- II Cell Biology, Genetics and Evolution *
4	Allied	Chemistry –II
		Practical - Chemistry – I & II *
5	Part- IV	Environmental Studies
		Soft Skills

FIFTH SEMESTER

Sl. No.	Course Component	SUBJECTS
1	Part- III: Core Subjects Part- II	Animal Physiology and Biochemistry
		Developmental Biology
		Genetic Engineering and Biotechnology
		Biostatistics and Computer Applications
		Practical- III Core Practical III - Animal Physiology, Biochemistry, Developmental Biology, Biostatistics and Computer Applications*
	Practical IV- Environmental Biology, Microbiology, Immunology, Biotechnology and Bioinformatics	
	Elective	Elective – I
2	Part- IV	Value Education

* Examination will be held in Sem - VI

SIXTH SEMESTER

Sl. No.	Course Component	SUBJECTS
1	Part- III: Core Subjects Part- II	Environmental Biology
		Microbiology and Immunology
		Animal Biotechnology and Bioinformatics
		Practical- III Core Practical III - Animal Physiology, Biochemistry, Developmental Biology, Biostatistics and Computer Applications*
		Practical IV- Environmental Biology, Microbiology, Immunology, Biotechnology and Bioinformatics
	Elective	Elective – II
		Elective – III
2	Part- V	Extension Activities

Electives: (Any one subject in Sem V & two other subjects in Sem IV are to be offered)

1. Applied Zoology
2. Economic Entomology and Pest Management
3. Medical laboratory Techniques and Bioinstrumentation
4. Pisciculture & Aquarium Fish Keeping

Non-Major Electives: (Any two different subjects (one for Sem - I & two other for Sem – II to be chosen)

1. Aquaculture
2. Vermitechnology
3. Public Health and Hygiene
4. Human Genetics
5. Poultry Science and Management