

Progressive Education Society's
Modern College of Arts, Science and Commerce
Shivajinagar, Pune 5

(An Autonomous College Affiliated to Savitribai Phule Pune University)

Framework of Syllabus

For B.Sc. Zoology

(2019-20 Course)

(with effect from 2019-20)

Semester 1 (First Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
CCT-1	19ScZooU101	Animal Biology and Diversity-I	3	2	40	60	100
CCT-2	19ScZooU102	Fundamentals of Genetics	3	2	40	60	100
CCP-1	19ScZooU103	Practicals in Zoology	4	2	40	60	100
Total				6	120	180	300

Semester II (First Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
CCT-1	19ScZooU201	Animal Biology and Diversity-II	3	2	40	60	100
CCT-2	19ScZooU202	Fundamentals of Cell Biology	3	2	40	60	100
CCP-1	19ScZooU203	Practicals in Zoology	-	2	40	60	100
Total				6	120	180	300

Semester III (Second Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
CCT-1	19ScZooU301	Animal Biology and Diversity-III	4	2.5	40	60	100
CCT-2	19ScZooU302	Economic Zoology and Biological Techniques –I	4	2.5	40	60	100
CCP-1	19ScZooU303	Practicals in Zoology	4	2	40	60	100
Total				7	120	180	300

Semester IV (Third Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
CCT-1	19ScZooU401	Animal Biology and Diversity-IV	4	2.5	40	60	100
CCT-2	19ScZooU402	Economic Zoology and Biological Techniques –II	4	2.5	40	60	100
CCP-1	19ScZooU403	Practicals in Zoology	4	2	40	60	100
Total				7	120	180	300

Semester V (Third Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
CCT-1	19ScZooU501	Comparative Anatomy of Vertebrates	4	2.5	40	60	100
CCT-2	19ScZooU502	Histology and Physiology of Mammals – I	4	2.5	40	60	100
CCT-3	19ScZooU503	Biochemistry	4	2.5	40	60	100
CCT-4	19ScZooU504	Developmental Biology	4	2.5	40	60	100
CCT-5	19ScZooU505	Advanced Cell Biology	4	2.5	40	60	100
CCT-6	19ScZooU506	Basic Entomology / Animal Ecology	4	2.5	40	60	100
CCP-1	19ScZooU507	Practical I	4	2	40	60	100
CCP-2	19ScZooU508	Practical II	4	2	40	60	100
CCP-3	19ScZooU509	Practical III	4	2	40	60	100
Total				21	360	540	900

Semester VI (First Year)

Course Type	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	End Sem	Total
CCT-1	19ScZooU601	Genetics and Molecular Biology	4	2.5	40	60	100
CCT-2	19ScZooU602	Histology and Physiology of Mammals –II	4	2.5	40	60	100
CCT-3	19ScZooU603	Organic Evolution	4	2.5	40	60	100
CCT-4	19ScZooU604	Applied Zoology [Dairy Science and Poultry Science]	4	2.5	40	60	100
CCT-5	19ScZooU605	Immunology and Cancer Biology	4	2.5	40	60	100
CCT-6	19ScZooU606	Medical Zoology	4	2.5	40	60	100
CCP-1	19ScZooU607	Practical I	4	2	40	60	100
CCP-2	19ScZooU608	Practical II	4	2	40	60	100
CCP-3	19ScZooU609	Practical III	4	2	40	60	100
		Total		21	360	540	900