**COURSE DETAIL –**

**B. Sc. Level**

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| CLASS | PAPER TITLE |
| B. Sc. Part – I Annual patternFrom- 2020-21 | Paper – I : Cell biology and Non-chordataPaper – II : Chordata and embryologyPractical : |
| B. Sc. Part – II Annual patternFrom- 2021-22 | Paper – I : Anatomy and physiologyPaper – II : Vertebrate endocrinology, Reproductive biology, Behaviour, Evolution and  Applied zoologyPractical : |
| B. Sc. Part – IIISemester V & VIOnly for 2021-22 | Paper – I : Ecology, Environmental biology, Toxicology, Microbiology and Medical zoologyPaper – II : Genetics, Cell physiology, Biochemistry, Biotechnology and BiotechniquesPractical : |

Internal test of fifteen marks

**M. Sc. Level**

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| CLASS | PAPER TITLE |
| M. Sc. Semester– I  | Paper – I : Invertebrate structure and function, Minor phylaPaper – II : Animal BehaviourPaper – III : Quantitative BiologyPaper – IV : Ecology and Environmental PhysiologyLab course – ILab course – II |
| M. Sc. Semester– II  | Paper – I : General and Comparative endocrinology of vertebratesPaper – II : Gamete biology and reproductive physiology in human beingsPaper – III : Molecular cell biologyPaper – IV :Tools and techniques for biologyLab course – ILab course – II |
| M. Sc. Semester– III  | Paper – I : Comparative anatomy of vertebratesPaper – II : Biosystematics, taxonomy and biodiversityPaper – III : immunology and developmental biologyPaper – IV : Population genetics and evolutionLab course – ILab course – II |
| M. Sc. Semester– IV  | Paper – I : General physiology and neurophysiology (compulsory)Paper – II : Biochemistry and metabolic regulation and cell function (compulsory)Paper – III :Fish (Icthyology) structure and function (optional group – I)Paper – IV : Applied fisheries (optional group – I)Lab course – ILab course – II |

Internal assessment shall comprise of two parts – Ten marks for test and ten marks for seminar/assignment/ presentation.