**COURSE DETAIL –**

**B. Sc. Level**

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| CLASS | PAPER TITLE |
| B. Sc. Part – I  Annual pattern  From- 2020-21 | Paper – I : Cell biology and Non-chordata  Paper – II : Chordata and embryology  Practical : |
| B. Sc. Part – II  Annual pattern  From- 2021-22 | Paper – I : Anatomy and physiology  Paper – II : Vertebrate endocrinology, Reproductive biology, Behaviour, Evolution and  Applied zoology  Practical : |
| B. Sc. Part – III  Semester V & VI  Only for 2021-22 | Paper – I : Ecology, Environmental biology, Toxicology, Microbiology and Medical  zoology  Paper – II : Genetics, Cell physiology, Biochemistry, Biotechnology and Biotechniques  Practical : |

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 phyla  Paper – II : Animal Behaviour  Paper – III : Quantitative Biology  Paper – IV : Ecology and Environmental Physiology  Lab course – I  Lab course – II |
| M. Sc. Semester– II | Paper – I : General and Comparative endocrinology of vertebrates  Paper – II : Gamete biology and reproductive physiology in human beings  Paper – III : Molecular cell biology  Paper – IV :Tools and techniques for biology  Lab course – I  Lab course – II |
| M. Sc. Semester– III | Paper – I : Comparative anatomy of vertebrates  Paper – II : Biosystematics, taxonomy and biodiversity  Paper – III : immunology and developmental biology  Paper – IV : Population genetics and evolution  Lab course – I  Lab 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 – I  Lab course – II |

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