

## Course Content for Ph.D. in Zoology

### **Unit: 3 Classical Zoology: I (Invertebrate Taxonomy)**

5. Scope of research in invertebrate zoology
6. Basic classification of Invertebrates (up to class)
7. Monitoring techniques of invertebrates
8. Economic importance of invertebrates

### **Unit: 4 Classical Zoology: II (Vertebrate Taxonomy)**

5. Scope of research in Vertebrate zoology
6. Basic classification of vertebrates (up to order)
7. Monitoring of birds and mammals
8. Human-wildlife conflicts and its evaluation

### **Unit: 5 Contemporary developments in Zoology**

5. Writing a review of current research in zoology\*
6. Documentation of National and International Research Institutions and /or Industries in Animal Sciences
7. Current developments in Animal Science research
8. Application of biotechnology in Animal Science Research

\* Candidate has to prepare a review of recent development and research related to only their research area and problem. It is appreciated if a Review Paper can be prepared and communicate with some Scientific Journal of National and International repute.

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