

## MLD: BASIC ZOOLOGY

**Total Credit: 3**

**Hours: 4**

**Course Objective and Outcome:** The objective of the paper is to understand biodiversity, habitat, adaptation organization of animals and their economic importance. At the end of the course the students will understand the significance of animals in the biosphere and their economic importance and need for the conservation of their habitats

Unit	Topics
<b>Unit I</b>	General classification of Animal Kingdom – general characteristics of Invertebrate, Chordata and Vertebrata. Parasites of human – Plasmodium, Tapeworm. Vector and vector control – mosquitoes
<b>Unit II</b>	Economic importance of insects – honey bee, silk worm. Economic importance of Mollusca – pearl oysters, shells. Fish culture
<b>Unit III</b>	Geographical distribution of animals; Land and aquatic animals; Corals and coral reefs; Importance and threats to biodiversity

### Reading List

1. Arumugam N. (2017). *Developmental Zoology*, Saras Publication, Nagarcoil, Tamilnadu.
2. Ghosh, K.C. and Manna, B. (2015): *Practical Zoology*, New Central Book Agency, Kolkata
3. Nair NC, Leelavathy S, SoundaraPandian N and Arumugam N. (2013). *A Text Book of Invertebrates*, Saras Publication Nagercoil, Tamilnadu.
4. Thangamani A, Prasannakumar S, Narayanan LM, Arumugam N. (2013). *A Text Book of Chordates*, Saras Publication, Nagercoil, Tamilnadu.