



### **SEMESTER-III**

#### **COURSE 5: ANIMAL DIVERISTY-II BIOLOGY OF CHORDATES**

##### **Learning objectives:**

- To understand the animal kingdom
- To understand the taxonomic position of Protochordata to Mammalia
- To understand the general characteristics of animals belonging to Fishes to Reptilians
- To understand the body organization of Chordata
- To understand the taxonomic position of Protherian mammals

##### **Learning Outcomes:**

By the completion of the course the graduate should able to –

- Describe general taxonomic rules on animal classification of chordates
- Classify Protochordata to Mammalia with taxonomic keys
- Understand Mammals with specific structural adaptations
- Understand the significance of dentition and evolutionary significance
- Understand the origin and evolutionary relationship of different phyla from Prochordata to Mammalia