

**SRI VENKATESWARA UNIVERSITY: : TIRUPATHI**  
**W.E.F. 2016-17**  
**ZOOLOGY SYLLABUS FOR II SEMESTER**  
**ZOOLOGY –PAPER-II (THEORY)**  
**ANIMAL DIVERSITY –CHORDATES**

PERIODS- 60

MAX. MARKS -100

**UNIT-1 (PROTOCHORDATA)**

- 1.1. Origin of Chordata.
- 1.2. Chordata: Distinctive Features & Classification of up to class level.
- 1.3. Protochordata : Sailer Features
- 1.4. Herdmania; Structure, Life History & Retrogressive Metamorphosis.

**UNIT-2: CYCLOSTOMATA & FISHES**

- 2.1. Cyclostomata: General characters & Difference between Petromyzon and Myxine
- 2.2. Fishes: General Characters & Classification up to sub-class level with examples
- 2.3. Migration of Fishes
- 2.4. Types of Scales in Fishes

**UNIT-3: AMPHIBIA & REPTILIA**

- 3.1 Amphibia: General characters & Classification up to the level of order with examples
- 3.2. Type Study: *Rana hexadactyla*: External Features, Skeleton System (Skull, Girdles and Limb bones only), Digestive System, Respiratory System, Heart, Arterial System, Venous System and Central Nervous System (Brain & Spinal cord).
- 3.3. Reptelia: General Characters & Classification up to the level of order with examples.

Signature of the Chairman / Chairperson (B.O.S.):

Signature of the Members:

  
13/12/16

  
13/12/16

  
12/12/16

