

D N R (A) COLLEGE, BHIMAVARAM.

Dept of Zoology

Syllabus for Bridge Course

Contact Hours- 10 Periods

UNIT- 1: Animal Diversity I: Kingdom Protista – Salient features, Examples; Animal Kingdom – Introduction to different phyla: Porifera, Coelenterata, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata 02Hr

UNIT-II: Animal Diversity II: Introduction to different phyla: Pisces, Amphibia, Reptilia, Aves and Mammals. 02Hr

UNIT- III: Animal Physiology: Human Anatomy & Physiology 02Hr

UNIT – IV: Genetics: General Introduction, Mendelian Laws, Human Karyotype, Sex determination 03Hr

UNIT- V: Ecology and Evolution: Brief description- Different ecosystems, Origin and evolution of life 01Hr