



## **SEMESTER-IV**

### **COURSE 10: ANIMAL PHYSIOLOGY: LIFE SUSTAINING SYSTEMS**

#### **Learning objectives:**

- To acquire knowledge of organ systems function
- To develop the ability to integrate physiology from the cellular and molecular level to the organ system and organismic level of organization
- To effectively read, evaluate and communicate scientific information related to physiological processes in the body
- To gain a deep knowledge of current topics in physiology

#### **Learning Outcomes:**

The overall course outcome is that the student shall develop deeper understanding of concepts of Physiology. This course will provide students with a deep knowledge in physiology by the completion of the course the graduate shall able to –

- Understand the physiology of digestion and hormonal control of digestion
- Develop a comprehensive picture of respiratory physiology
- Acquire knowledge on the Renal physiology
- Understand the physiology of Nerve and muscle
- Understand the physiology of heart