**K.T.S.P. Mandal’s**

**Hutatma Rajguru Mahavidyalaya Rajgurunagar**

**Program Specific Outcome &Course Outcome**

**Department of Zoology**

**Academic Year 2021-2022**

**S. Y. B.Sc.**

**Paper I:- Animal Diversity III & IV**

**Objectives –**

1. To understand the origin and advancement of higher vertebrates (tetrapoda).

2. To understand general characters of different groups of higher vertebrates.

3. To classify vertebrates and to become able to understand the possible group of vertebrates

observed in nature.

4. To understand different behaviours and adaptations in higher vertebrates

5. To understand affinities among different groups of higher vertebrates.

**Learning Outcomes for the course -**

1. The students will be able to understand, classify and identify the diversity of higher

vertebrates.

2. The students will able to understand the complexity of higher vertebrates

3. The students will be able to understand different life functions of higher vertebrates.

4. The students will be able to understand the linkage among different groups of higher

vertebrates.

5. The student will become aware regarding his role and responsibility towards nature as a

protector, to understand his role as a trustee and conservator of life which he has achieved by

learning, observing and understanding life.

**Paper II:- Applied Zoology I and II**

**Objectives -**

1. To understand the basic life cycle of the honeybees, beekeeping tools and equipments.

2. To learn for managing beehives for honey production and pollination.

3. To understand the basic information about fishery, cultural and harvesting methods of fishes.

4. To understand fish preservation techniques.

5. To understand the biology, varieties of silkworms and the basic techniques of silk production

and harvesting of cocoons.

6. To learn the different silkworm species and their host plants.

7. To study types of agricultural pests and Major insect pests of agricultural importance.

8. To study Pest control practices.

**Learning Outcomes of the course:**

1. The learner understands the basics about beekeeping tools, equipment, and managing

Bee hives.

2. The learner understands the basic information about fishery, cultural and harvesting methods

of fishes and fish preservation techniques.

3. The learner understands the biology, varieties of silkworms and the basic techniques of silk

production.

4. The learner understands the types of agricultural pests, Major insect pests of agricultural

importance and Pest control practices.