**K.T.S.P. Mandal’s**

**Hutatma Rajguru Mahavidyalaya Rajgurunagar**

**Program Specific Outcome &Course Outcome**

**Department of Zoology**

**Academic Year 2021-2022**

**F. Y. B.Sc.**

**Paper I: Animal Diversity I & II :- Semester I & II**

 **Program Specific Outcome:**

Pso1: To understand the Animal diversity around us.

Pso2: To understand the underlying principles of classification of animals.

Pso3: To understand the terminology needed in classification.

Pso4: To understand the differences and similarities in the various aspects of classification.

Pso5: To classify invertebrates and to be able to understand the possible group of the invertebrate observed in nature to understand our role as a caretaker and promoter of life.

**Course Outcomes:**

CO1: The student will be able to understand classify and identify the diversity of animals.

CO2: The student understands the importance of classification of animals and classifies them effectively using the six levels of classification.

CO3: The student knows his role in nature as a protector, preserver and promoter of life which he has achieved by learning, observing and understanding life.

**Paper II: Animal Ecology & Cell Biology :- Semester I & II**

**Program Specific Outcome:**

Pso1: Describe the history, introduction and nature of ecosystem.

Pso2: Explain the biogeocycles and laws.

Pso3: Describe population & community ecology.

Pso4: Describe wild life conservation and management.

Pso5: Develop understanding of aquatic ecology.

Pso6: Give the overview of cell

Pso7: Describe the structure and function of plasma membrane

Pso8: Structure, functions and interactions of cell organelles and inclusions

Pso9: Detail description of cell division

Pso10: Describe structure and function of chromosome

**Course outcome:**

CO1: The learner will understand the importance of cell as a structural and functional unit of life.

CO2: The learner understands and compares between the prokaryotic and eukaryotic system and extrapolates the life to the aspect of development.

CO3: The dynamism of bio membranes indicates the dynamism of life. Its working mechanism and precision are responsible for our performance in life.

CO4: The cellular mechanisms and its functioning depend on endo-membranes and structures. They are best studied with microscopy.