

ST. JOSEPH'S COLLEGE FOR WOMEN (A), VISAKHAPATNAM

**Four Year – B.Sc. (Hons), Semester – VIII
ZOOLOGY**

BIOSYSTEMATICS & TAXONOMY

Code: Z 8553(2)

Practical

Time:2hrs/week

Max. Marks-50

Learning objectives:

Enable the students to

- Acquire knowledge about the about the assessment of biodiversity.
- Interpret the effects of climate on the biodiversity of the area.
- Be familiar with the collection and preservation techniques.

Learning Outcomes:

- Assess the Biosystematics and taxonomy at local area
- Understand the climate influence on the Taxonomic diversity
- Be able to follow suitable preservation techniques after collection.

II. Syllabus

1. Composition assessment of the taxonomic diversity / biodiversity in a habitat (e.g. grassland, arid land, wet land, etc.). – Detailed report
2. Influence of climatic conditions on taxonomic diversity in a given habitat.
3. Preparation of models showing the status of certain taxa or species in a particular habitat -project
4. Collection and preservation techniques
5. Taxidermi-Definition and methods (reptiles, birds and mammals)
