

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

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

**ZOOLOGY**

**WILD LIFE AND CONSERVATION BIOLOGY**

**Practical**

**Time:2hrs/week**

**Code: Z 7553(2)**

**Max Marks:50**

**LEARNING OBJECTIVES:**

Enable the students to

- Acquire skill in identifying the various biomes.
- Study and gain knowledge of animal architecture.
- To learn about endangered species of Indian sub-continent & suggest conservation measures.
- To compare and interpret sonograms of bird calls.

**LEARNING OUTCOMES:**

- Develop skill in observation of animals, their characteristic species.
- Able to identify the endangered species of Indian sub-continent.
- Identify major biomes & outline their characters.
- Map the major sanctuaries/ national parks.

**Syllabus**

1. Using photographs / paintings / coloured drawings identify and study ecological role of characteristic animal species (major representative species only) of various Biomes.
2. Study of animal architecture (photographs / diagram / abandoned specimen) ;  
Hive of honey bee, nest of COURSE wasp, nest of potter wasp, Mount of termite, Nests of Weaver Bird and tailor bird.
3. Endangered species of Indian sub-continent
4. Compare and interpret given sonograms of bird calls (any two e.g. Courtship calls, Alarm calls or distress calls)
5. On a phytogeographic map of India locate & demarcate major sanctuaries / national parks

**Web resources for lab** [https://www.naturepl.com/pictures/pdfs/NPL\\_Architecture.pdf](https://www.naturepl.com/pictures/pdfs/NPL_Architecture.pdf)  
<https://youtu.be/31PWjb7Do1s>

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