

**Name of the Programme: M. Sc. Zoology**

**Course Code: ZOO-532**

**Title of the Course: Wildlife Conservation & Management  
(Practical)**

**Number of Credits: 01**

**Effective from AY: 2023-24**

<b>Pre-requisites for the Course:</b>	Basic knowledge in wildlife conservation and management	
<b>Course Objectives:</b>	<ol style="list-style-type: none"><li>1. To recall the distribution of different wildlife in Goa</li><li>2. To list the various methods used to document wildlife</li><li>3. To gain experience on wildlife documentation by field visits</li></ol>	
<b>Content:</b>	Mammal distribution of Goa Primates: Rhesus macaque Carnivores: Tiger, Panther, Sloth bear Ungulates: Sambar, Chital, Wild boar. Horn/ Antler identification. Pugmark analysis and Camera trap methods. Animal Scat, pellet, dung, droppings analysis (Indirect evidences) Case study of Man-Animal conflict and Ethnozoology. Visit to Zoo/Wildlife Sanctuary/National Park/Turtle nesting site	15 x 2 hours
<b>Pedagogy:</b>	Practicals/ Mini projects/ Group Activities	
<b>References/ Readings:</b>	<ol style="list-style-type: none"><li>1. A.J. Urfi, Birds beyond Watching, India: University Press Pvt. Ltd., 2004.</li><li>2. R.F. Dasmann, Wildlife biology, New York: John Wiley and Sons, 1964.</li><li>3. M.J. Groom, K.G. Meffe, and C.R. Carroll, Principles of Conservation Biology – 2nd ed. Massachusetts: Sinauer Associates, Inc Sunderland, 2005.</li><li>4. R.H. Giles Jr., Wildlife management techniques - 3rd ed, The wildlife society, Washington D.C, 1984.</li><li>5. R. Grimmet, C. Inskipp, and T. Inskipp, Pocket Guide to the birds of Indian Subcontinent. New Delhi: Oxford University Press, 1999.</li><li>6. B.B. Hosetti, Wetlands Conservation and management. Jaipur: Pointer Publishers, 2003.</li></ol>	
<b>Course Outcomes:</b>	The learner will <ol style="list-style-type: none"><li>1. Demonstrate the different methods of wildlife identification.</li><li>2. Estimate the range of distribution of wildlife.</li><li>3. Formulate strategies for wildlife conservation and management.</li><li>4. Devise plans for mitigation of man-wildlife conflicts.</li></ol>	