

Programme: M. Sc. (Zoology)

Course Code: ZOO-310

Title of the Course: Field Work

Number of Credits: 2

Effective from AY: 2018-19

<u>Prerequisites for the course:</u>	Basic working knowledge of classical animal taxonomy, systematics and ecology.	
<u>Objective:</u>	Increased independent skills in activities including Field-based work and its planning and fulfilment by undertaking fieldwork, employing survey and sampling techniques to study biodiversity in a variety of environments, sometimes in remote or indigenous areas.	
<u>Content:</u>	<p>Module 1: i) Estimation of Biodiversity on a beach following transect and quadrat method. ii) Study of Avian diversity in agricultural area/undisturbed area /monoculture area. iii) Study of insect diversity on a plateau/agricultural field/undisturbed area/wild. iv) Study of wildlife and birds in a National park/Sanctuary/Zoo /Western Ghats. v) Study of Ichthyofauna in local market /along the coastal zone. Study of Molluscan diversity along the coast. vi) Study of Crustacean diversity in estuarine ecosystem. vii) Study of Nematode diversity in Agricultural Field /Mangroves/Coconut plantation. viii) Visit to various National Research Institutes of Zoological importance /Animal Breeding Centers /Fishery Research Institute.</p> <p>Note: 24 hours in Goa and 24 hours outside Goa and to be completed during 1st & 2nd semester. Out of 7 Field Work mentioned above, any 5 have to be undertaken. Eighth is compulsory. Every student will be evaluated based on attendance, performance in the field, field note book entries and consolidated field report followed by presentation/Viva-voce by Departmental Council at the end of semester II.</p>	48 hours
<u>Pedagogy:</u>	Field work / self-study	
<u>References/Readings</u>	1. References included under all core courses. 2. Any other relevant reference requirement as suggested by experts.	