

Foundations of Environmental Biology and Animal Behaviour- Course Outcome

CO	CO statement	Cognitive Level*	Knowledge Category#	Evaluation Tools used
CO1	Describe the various components of ecosystem along with their interactions and flow of energy in ecosystem and the importance of productivity of ecosystem, food chain and food web, and types of biogeochemical cycles and their importance [PSO2]	U	F&C	
CO2	Identify the terms related to population, biotic community, types of community interactions; the concepts of k and r species and Keystone species, characteristics of habitat and its types, policies and laws for environmental protection.. [PSO1]	R	F	
CO3	Describe innate behaviour and its components, concept of FAP, learned behaviour and its various types and examples, the concept of animal communication; the types of animal communication, emphasizing the relation between animal communication and social behaviour of animals. [PSO2]	U	F&C	
CO4	Describe sociobiology of different animals, the concept of social organisation in animals, and the concept of proximate factors[PSO2]	U	F&C	
CO5	Acquire skill in estimating ecological parameters like dissolved Oxygen, Carbondioxide, pH etc. . [PSO4]	Ap	C&P	
CO6	Compare the characteristics of different types of ecosystems, pattern of flow of materials and energy in ecosystem, etc.	U	F&C	
<p>* - Remember (R), Understand (U), Apply (Ap), Analyse (An), Evaluate (E), Create (C)</p> <p># - Factual Knowledge(F) Conceptual Knowledge (C) Procedural Knowledge (P) Metacognitive Knowledge (M)</p>				