Course Code	ZYU4303					
Level	04					
Course Title	Animal Behaviour					
Credit value	3 credits					
Core/Optional	Core					
Prerequisites	None					
Hourly breakdown	Theory		Practical	Independent Learning	Assessment	Total
	Sessions 19X 2 =38 hrs	DS hrs = 12 hrs	Lab + Field = 30 hrs	• Sessions 19 x 3 = 57 hrs • Lab/Field (30x 0.5) = 15 hrs	• Continuous Assessments (CA) = 2 hrs	154 hrs

Course Aim/s.	To provide knowledge diverse patterns of behaviour among animals and and understanding to interpret the relationship between process of evolution and animal behaviour. Further applications of gathered behavioural knowledge in planning and management of protected areas and zoological gardens.
PLOs addressed by course	**PLO1: Knowledge:** Explain the fundamental, principles and broader knowledge pertaining to the chosen science disciplines offered for the degree. **PLO2: Practical Knowledge and Application.** Demonstrate the competency to use the knowledge and practical skills appropriately. **PLO3: Communication:** Demonstrate the competency in communicating efficiently and effectively to present information, ideas and concepts to the scientific community as well as to the wider society. **PLO4: Individual Work, Team Work and Leadership:** Demonstrate the competency in working independently and in groups in addressing issues in multi-disciplinary environments and completing the tasks on time through collaborative learning while exhibiting leadership. **PLO5: Creativity and Problem Solving:** Identify and analyze problems using quantitative and/or qualitative approaches using scientific methodology to provide valid conclusions. **PLO7: Information and Communication Technology Literate:** Demonstrate the competency of using Information and Communication Technology for numerical and statistical analysis, and in day to day applications.
Course Learning Outcomes (CLO)	At the completion of this course student will be able to **CLO1: Demonstrate a comprehensive** knowledge and understanding about the concepts of animal behaviour, its historical background and mechanisms **(PLO1)** **CLO2:** Describe the physiological, genetic basis of animal behaviour **(PLO1) & (PLO2)** **CLO3:** Design behavioural study on an animal species to measure and analyse animal behaviour **(PLO2) & (PLO3)** **CLO4:** Demonstrate appropriate written and oral communication skills and ability to work in a team effectively **(PLO4), (PLO5) & (PLO7)** **CLO5:** Apply the scientific method to the study of animal behaviour, including drawing inferences from observations for the conservation **(PLO2), (PLO3) &, (PLO5)**
Content (Main topics, sub topics)	**Introduction to animal behaviour** The basic concepts of behaviour, historical background and current perception of animal behaviour. Unit II mainly focuses on the mechanisms involved in producing behavioural patterns. Moreover, it explains the biological rhythms in animal behaviour which enable the animals to survive changing environment. **Animal Behaviour Evolution and Mechanisms** The genetic, development and evolutionary aspects of behaviour, functional significance of animal behaviours

Teaching Learning methods (TL)	**Independent learning**
	   • Learning the course contents in course material in print and web based material
	   • Learning through practical exercises & group work projects
	   • Additional reading material / recommended reading (Compulsory)
	
	Contact sessions
	   • Day schools (discussion classes) Non- compulsory
	   • Field visits (compulsory)

Assessment strategy	Overall CA Mark (OCAM): 40%		Final Assessment: 60%
	Details : Continuous Assessment (CA) OCAM=50% from best NBT +20% from other NBT +30% from Practical Report		Final Evaluation Theory: 100 % (2 hrs)

Recommended Readings:	• Alcock, J. (2013) Animal Behavior An Evolutionary Approach, Tenth Edition • Davies, N.B., Krebs, J. R., West, S.A. (2012) An Introduction to Behavioural Ecology 4th Edition • Davies, N.B., Krebs, J. R. (1997) Behavioural Ecology An Evolutionary Approach, Fourth Edition • Altmann , J. (1974) Observational Study of Behavior: Sampling Methods