

**SARDAR PATEL UNIVERSITY**  
**Programme: BSC (ZOOLOGY)**  
**Semester: VI**  
**Syllabus with effect from: November 2013**

<b>Paper Code:</b> US06CZOO03	<b>Total Credit: 3</b>
<b>Title Of Paper:</b> Evolution and Applied Zoology	

Unit	Description in detail	Weighting (%)
<b>1</b>	Concept of organic evolution Origin of earth Origin of life Evidences of organic evolution Theories of organic evolution [Darwinism, Lamarkism, de vries]	
<b>2</b>	Isolation, colouration speciation Tempo of evolution. Artificial selection Sexual selection	
<b>3</b>	Fresh water Fishes of India Fresh water fishery and by products Marine water fishery and by products	
<b>4</b>	Poultry Dairy industry Pharmaceuticals from animals.	

**Basic Text & Reference Books:**

- Organic evolution: M P Arora
- Economic Zoology : Shukla and Upadhyay
- Economic and applied – entomology: Ashok kumar
- Fishery science and Indian fisheries : Srivastava
- Poultry science: Dr N T Mehta and Dr Dhasura

