

MAPPING OF CROSS CUTTING ENVIRONMENTAL ISSUES IN THE SYLLABUS

Sr. no	Name of the Course	Course Code	Description
1	Paper I Animal Diversity-I, Ecology- I and Biodiversity & Conservation	RJSUZOO101	Ecology- I: Course describes various environmental factors, biogeochemical cycles and their disruption due to human activities. Biodiversity & Conservation : Course offers description of various types of biodiversity(genetic, species, ecosystem) found in hot spot regions. It describes the threat to the biodiversity and focuses on conservation efforts.
2	Paper I Animal Diversity II, Ecology- II & Ethology	RJSUZOO201	Ecology- II : Course gives an insight into concept of ecosystem and factors causing imbalance in the components of ecosystem. Population ecology and its significance with respect to environment in terms of utilization of resources.
3	Paper III Ecology, Fishery Biology and Economic Entomology	RJSUZOO303	Ecosystem ecology and community dynamics: Course encompasses the amazing ecosystems and their role in maintaining the health of environment.
4	Paper IV: Osteology, Ethology, Epidemiology, Wildlife conservation. National parks and sanctuaries.	RJSUZOO504	Epidemiology: The course gives an insight into the disease-causing organisms as biological factors of the environment and the perturbation caused by them. National parks and sanctuaries offers an overview of the flora, fauna and ecological conditions found in the selected national parks and sanctuaries of India. It discusses the endangered animals and the conservation efforts.
5	Paper IV Environmental Biology, Zoo pharmacognosy , Epidemiology & Wildlife management	RJSUZOO604	Wildlife Management: The unit describes the agencies, regulations and Acts associated with wildlife conservation and management. Case studies have been introduced to address environmental issues and efforts taken by the community and the government to resolve them.