

## ACHARYA NAGARJUNA UNIVERSITY - UG SYLLABUS

**Group:** B.Sc

**Subject:** ANIMAL HUSBANDRY

**Year:** III

**Sem:** V

### **Unit-I:**

**General introduction to poultry farming:** Principles of poultry housing. Poultry houses. Systems of poultry farming. Management of chicks, growers and layers. Management of Broilers.

### **Unit-II:**

**Poultry feed management:** Principles of feeding. Nutrient requirements for different stages of layers and broilers. Methods of feeding. Poultry diseases – viral, bacterial, fungal and parasitic (two each); symptoms, control and management.

### **Unit-III:**

**Selection, care and handling of hatching eggs:** Egg testing. Methods of hatching. Brooding and rearing. Sexing of chicks.

### **Unit-IV:**

**Breeds of Dairy Cattle and Buffaloes:** Definition of breed; Classification of Indian Cattle breeds, exotic breeds and Indian buffalo breeds. Systems of inbreeding and crossbreeding. Housing of dairy animals – Selection of site for dairy farm; systems of housing – loose, housing system. Conventional dairy barn. Cleaning and sanitation of dairy farm. Weaning of calf. Castration and dehorning. Deworming and Vaccination programme. Records to be maintained in a dairy farm.

### **Unit-V:**

**Care and management of dairy animals:** Care and management of calf, heifer, milk animal, dry and pregnant animal, bulls and bullocks.