

ST.JOSEPH'S COLLEGE FOR WOMEN (A), VISAKHAPATNAM

ZOOLOGY - PAPER - VI SYLLABUS FOR V SEMESTER

ANIMAL HUSBANDRY

OBJECTIVES:

1. To develop skill in the management of poultry industry.
2. To acquire knowledge on breeding, hatching, and rearing of fowls.
3. To understand the care and management of Dairy animals.
4. To gain knowledge about the nutritive values and economically important products.

Max. Marks: 100

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.

Rearing techniques & nutritive values of the products of – Piggery ,emu farming,Duckery.

TEXT BOOKS:

1. A Text book of economic zoology by P.K. Gupta.
2. A Text book of Animal husbandry by G.C.Banerjee.
3. Economic importance of Animal husbandry by Suresh k. Rao ,Sanjana Rawat.
4. Basic operations of Animal husbandry by Sandeep Tomar.