

1st SEMESTER
VETERINARY TECHNOLOGY
(COMMERCIAL BROILER FARMING)
SKILL ENHANCEMENT COURSE (SEC)
CBF122S: COMMERCIAL BROILER FARMING - I (MANAGEMENT OF BROILERS)

CREDITS: THEORY: 2, PRACTICAL: 2

Learning objective: To deal with different scientific management practices of commercial broilers for higher production and better profitability.

*Learning outcome: Development of poultry management skills among stakeholders;
Generation of employment among the beneficiaries*

THEORY (2 CREDITS)

UNIT I: INTRODUCTION TO BROILER FARMING

Introduction to poultry farming. Selection of site for establishment of poultry farm. Housing requirements for broiler birds. Different types of poultry houses. Floor space requirements. Optimum environmental conditions for rearing of poultry. Light management. Equipment required for a poultry farm. Different types of brooders

UNIT II: ROUTINE FARM OPERATIONS

Cleaning, disinfection and sanitation of a poultry house. Vaccination of birds. Preparation of brooder room before and after arrival of chicks. Maintenance of records. Economics of poultry farming. Preparation of projects. Marketing strategies. Broiler farm production indices.

PRACTICALS (2 CREDITS)

Different systems of poultry houses. Cleaning, disinfection and sanitation of a poultry house. Fumigation of poultry shed. Preparation of brooder house before arrival of chicks. Brooding of chicks & routine monitoring. Different types of brooders. Daily feeding and watering of birds. Litter management. Poultry farm equipment's. Maintenance of records. Economics of poultry farming. Preparation of projects. Cost of production of broilers.

BOOKS RECOMMENDED

1. Singh, R. A., 2011. Poultry Production. 3rd Edition. Kalyani Publishers, New Delhi.
2. Avian (Poultry) Production: A text book by D Sapkota, D Narahari and **JD** Mahanta. New India Publishing agency, New Delhi
3. Commercial broiler production by D. Narahari. Emkay Productions- Delhi
4. Poultry' Production and Hatcehry Management by M.T. Banday and S. Adil. Satish serial publishing house Delhi
5. Broiler Farming and Management by S.S. Honnappagoi, SC Biradar and KM Gadre. Jaypee Brothers Medical Publishers. New Delhi