

6th SEMESTER
VETERINARY TECHNOLOGY
(COMMERCIAL BROILER FARMING)
SKILL ENHANCEMENT COURSE (SEC)

CBF620S COMMERCIAL BROILER FARMING -III (DISEASE & HEALTH MANAGEMENT OF BROILERS)

CREDITS: THEORY: 2, PRACTICAL: 2
MAX MARKS: THEORY: 30, PRACTICAL: 30
MIN MARKS: THEORY: 12, PRACTICAL: 12

***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: DISEASES AND MEDICATION

Classification of diseases. Common diseases of poultry, their symptoms, their control. Infectious, parasitic and deficiency diseases. Routes of administration of drugs, medication and vaccination of broilers. Maintenance of disease/treatment records.

UNIT II: BIOSECURITY OF A BROILER FARM

Biosecurity measures. Litter management. Water sanitization. Rodent control in poultry houses. Application of HACCP and Good Management Practices (GMP) in poultry farm.

PRACTICALS (2 CREDITS)

Examination of birds for health and disease. Identification of sick birds and their isolation. Routes of administration of drugs. Demonstration of medication and vaccination of broiler. Maintenance of disease/treatment records. Water sanitization, chlorination. Control of various diseases. Biosecurity measures. Field investigation, Post mortem examination, collection of materials for post mortem. Poultry farm waste disposal.

BOOKS RECOMMENDED

1. Singh, R. A., 2011. Poultry Production. 3rd Edition. Kalyani Publishers, New Delhi.
2. Avian (Poultry) Production: A textbook 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 Hatchery Management by M.T. Banday and S. Adil. Satish serial publishing house Delhi.
5. Broiler Farming and Management by S.S. Honnappagol, SC Biradar and KM Gadre. Jaypee Brothers Medical Publishers, New Delhi.