Unit 1: General

Unit 2: Breeding Management
Basic principles of inheritance. Concept of heritability, repeatability and selection. Important methods of selection and systems of breeding in farm animals and birds. Importance of maintaining breeding records and their scientific interpretation.

Unit 3: Feeding Management

Unit 4: Reproduction Management

Unit 5: Shelter Management
Housing systems, Selection of site and lay out of animal and poultry houses. Space requirement for livestock and poultry. Housing designs in different agro-climatic regions. Macro and microclimatic changes affecting designs of animal and poultry houses. BIS
(standards) for livestock and poultry housing. Construction of cheap animal and poultry housing utilizing local resources. Automation in livestock farming. Disposal of animal wastes under urban and rural conditions. Disposal of carcasses.

Unit 6: Health Management


Unit 7: Production and Management of Cattle and Buffalo


Unit 8: Production and Management of other Animals