

4. VSC – I Domestic and Pet Animal Feed Preparation:

Course Outcomes (COs)

CO1. Understand the student the dietary needs of animals

CO2. Enables the students to design the feed for the animals according to their physiological conditions.

CO3. Acquire the skill of feed preparation of animals.

CO4. To develop entrepreneurship qualities in the field of animal feed production

B. Sc. PART – II SEMESTER – III (NEP 2.0)
VOCATIONAL SKILL COURSE (VSC) – I (MAJOR SPECIFIC)
Domestic and Pet Animal Feed Preparation
PRACTICAL: 60 HRS. MARKS-50 (CREDITS: 02)

Practical's:

1. Components of animal feed
2. Designing a Balanced Diet for Lactating Cow/ buffalo
3. Preparation of feed for Pregnant cow/ buffalo
4. Designing a Balanced Diet for Pregnant Cow/ buffalo
5. Preparation of feed for lactating cow/ buffalo
6. Preparation of feed for Goat
7. Preparation of Feed for Layer poultry fowl
8. Preparation of feed for Broiler poultry fowl
9. Preparation of feed for ornamental fishes
10. Preparation of feed for cultured fishes (Anyone fish)
11. Preparation of feed for pet dogs
12. Preparation of feed for pet cats
13. Preparation of feed for laboratory animals (Mice/rats)
14. Test for microbial contamination in animal feed
15. Methods of storage of animal feed
16. Visit to Animal feed formulation center and submission of report at the time of examination.

References:

- D. N. Pandey & Amita Bajpai (2020) animal nutrition & feed technology for livestock, pets & laboratory animal
- Dr. Vir Singh, Ashoka Kumar (2011) Animal Feeding and Production in India
- Dr. Leonard Charles Nwaogu (2022) Feed formulation poultry: a - z professional guide for chicken, turkey. Duck, geese, guinea fowl, quail, fish, breeders stock, and all stages of life
- Athithan (2014) practical book on fish nutrition & feed technology
- Amlan Patra and Rita Payan-Carreira (2022) Animal feed science and nutrition - production, health and environment