

**6<sup>th</sup> SEMESTER**  
**VETERINARY TECHNOLOGY**  
(SHEEP AND GOAT FARMING)  
**SKILL ENHANCEMENT COURSE (SEC)**

**SGF620S SHEEP AND GOAT FARMING -III (BREEDING AND FEEDING MANAGEMENT)**

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

***Learning objectives:** Imparting scientific knowledge to different beneficiaries in order to equip budding entrepreneurs with a comprehensive skill of sustainable and profitable sheep and goat farming.*

***Learning outcome:** Development of technical know-how about sheep and goat farming. Improvement in practical skill of sheep and goat management on scientific lines. Learn to analyze the economics and monitor profit-loss of these startups. Employment and income generation.*

**THEORY (2 CREDITS)**

**UNIT 1: BREEDING MANAGEMENT**

Breeds of sheep and goat. Classification of sheep and goat breeds according to their utility. Desirable characteristics for breeding rams and ewes. Breeding seasons. System of breeding. Selection and culling of animals.

**UNIT 2: FEEDING MANAGEMENT**

Important fodder resources used for feeding animals. Classification of feed and fodders. Methods of feeding and watering. Feeding practices and management during different stages of growth, development and production (milk, meat and wool) in sheep and goat. Nutrient requirements and feeding behavior. Weaning and fattening of lambs and kids. Grazing and pasture management. Desirable characteristics of ration. Preservation of green fodder. Feeding of animals during scarcity period. Enrichment of poor-quality roughages.

**PRACTICALS (2 CREDITS)**

Familiarization of different breeds of sheep and goat. Judging and body condition scoring. Parameters for judging of wool quality. Grading of wool. Familiarization with the various types of feed ingredients and fodders. Hay and silage making. Ration formulation.

**BOOKS RECOMMENDED**

1. Prasad J. 2018. Goat, Sheep and Pig, Production and Management. Kalyani Publishers, Delhi
2. Gupta JL. 2012. Sheep Production and Management. CBS publishers, New Delhi
3. Pampori ZA. 2020. Profitable Sheep and Goat Farming. Daya Publishing House .ND
4. Kulkarni SA. 2016. Sheep Goat and Poultry Farming. Oxford Book Company, Jaipur
5. Sastry NSR & Thomas CK. 2016. Livestock Production and Management. Kalyani Publishers, Delhi
6. Banejee GC. 2019. A Textbook of Animal Husbandry. Oxford & IBH Publishing Company, New Delhi