



SRI VENKATESWARA UNIVERSITY, TIRUPATHI

4 -Year UG Honours in B.vocational (Dairy and Animal Husbandry) Major in Consonance with Curriculum Frame work w.e.f AY 2026-27

COURSE STRUCTURE (for Semester III)

Year	Semester	Course	Title of the course	No. of hrs/ week	No. of credits
II	III	5	Milk and milk products Technology (theory)	3	3
			Milk and milk products Technology (practical)	2	1
		6	Basic of animal nutrition(theory)	3	3
			Basic of animal nutrition (practical)	2	1
		7	Fodder production and conservation(theory)	3	3
			Fodder production and conservation (practical)	2	1

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SEMESTER-III

COURSE 7: FODDER PRODUCTION AND CONSERVATION

<u>Theory</u>	<u>credit-3</u>	<u>3hrs/week</u>
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LEARNING OUTCOMES

After completion the course student able to

- 1.Developing the knowledge and skills necessary to ensure a steady and adequate supply of quality
- 2.Feed for livestock, thereby improving animal health productivity, and farm profitability.

UNIT-I		9 hrs
	Importance of grasslands and fodder in livestock production	
UNIT-II		9hrs
	Important leguminous fodders in different seasons .	
UNIT-III		9 hrs
	Soil and water conservation and drainage of water for fodder production .Fodder production for small livestock units.	
UNIT-IV		9 hrs
	Structures for storage of feeds and fodders . Scarcity fodder s and preservation of green fodder	
UNIT-V		9hrs
	Recycling of animal washings and wastes in fodder production and use of recycle waste .crop residues and their optimum utilization	

SEMESTER-III

COURSE 7 : FODDER PRODUCTION AND CONSERVATION

Practical	credits-1	2hrs/week
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1. Visit to the fodder farm .
2. Familiarization with various fertilizers and manures .
3. Collection, preservation and storage of feed and fodder; Damages or loss during transfer and storage ; methods to prevent them .
4. Cost of calculations of fodder production .
5. Livestock waste utilization and recycling .

Reference books :

- 1 . Production utilization and conservation of forage crops A S Bilbray
- 2 . Fodder production and Conservation Seem Mira, Perm Pataki
- 3 . Production Technology of forage and fodder crops prof .Raja R A
4. A handbook for feed and fodder development Jam bay Gyeltshen , Pemawangda

MODEL QUESTION PAPER

Course: B. Voc Dairy & Animal Husbandry

FODDER PRODUCTION AND CONSERVATION

Time: 3 hours

Marks: 75

SECTION – A

Answer All of the following question

(5x3=15)

- 1 . What is live stock
- 2 . Mention some examples for leguminous fodders.
- 3 . Write about the fodder for small live stock.
- 4 . What are the best green fodder for cow.
- 5 . Explain about wheat straw as crop residue.
- 6 . What are grass lands fodders.
- 7 . Explain the uses of Rhizobium bacteria in fodder production.
- 8 . How is soil conservation done.
- 9 . Write about the methods of fodder storage.
- 10 . What are the uses of recycling of fodder waste

SECTION -B

Answer All of the following question

5x12=60

11. a) What is Fodder. Write about the differences between grass land feeds and fodder feeds.

(OR)

b) What are the agronomical practices usually followed for fodder production.

12 . a) Write about the non-leguminous fodders available to live stack.

(OR)

b) Classify leguminous fodder crops and write about its importance.

13 a) Write about the water conservation methods in fodder production.

(OR)

b) How is drainage water used for fodder production and what are the drainage treatment plans installed.

14 a) What are the reason for the cause of fodder scarcity and how are they tackled.

(OR)

b) Illustrate certain techniques for preservation of green fodder .

15 a) Describe the process of recycling of animal washing and write about its uses.

(OR)

b) Give an account on how to make optimum oxidization of crop residues.

4- Year UG Honours, Major
Syllabus
(2026-27)
Semester-III

Model Question Paper

Time : 3hrs

Marks:75

Part-A

Answer any Five Questions. Each Question carries 3 Marks.

5x3=15

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Answer the following questions. Each question carries 12 Marks

5x12=60

11. a) Unit-I
(Or)
b) Unit-I

12. a) Unit-II
(Or)
b) Unit-II

13. a) Unit-III
(Or)
b) Unit-III

14. a) Unit-IV
(Or)
b) Unit-IV

15. a) Unit-V
(Or)
b) Unit-V