

SRI VENKATESWARA UNIVERSITY

II Year syllabus for 4 year UG Honors in B.Sc., Dairy Science as Major in consonance with
curriculum frame work w.e.f. 2026-2027

COURSE STRUCTURE FOR II YEAR

Year	Semester	Course	Title	No. Hrs./ Week	No. of Credits
II	IV	8	Processing of milk- (T)	3	3
			Processing of milk- (P)	2	1
		9	Technology of Dairy products- (T)	3	3
			Technology of Dairy products- (P)	2	1
		10	Technology of fat- rich dairy products- (T)	3	3
			Technology of fat- rich dairy products- (P)	2	1


Head
Dept. of Dairy Technology
College of Dairy Technology
S.V. Veterinary University
Tirupati - 517502, A.P.

IV Semester
Course 9: Technology of Dairy products (Technology of cheese and fermented milks)

Hours/Week: 3

Credits -3

UNIT-I: Significance and health benefits of fermented milks. Types of Fermented milks- Cultured butter milk, Lassi, Kumiss, Dahi, Yoghurt.

UNIT II. Cheese - Definition, PFA Standards, Composition, Classification, Method of manufacture of Cheddar Cheese.

UNIT III. Method of manufacture of Processed Cheese, Method of manufacture of Cottage Cheese, Packaging of Cheese and Storage of Cheese.

UNIT IV: Method of manufacture of Mozzarella cheese. . Packaging of mozzarella Cheese and Storage.

UNIT V: Maintenance of dairy equipment. - Daily and periodical maintenance. Maintenance of industrial and personal hygiene in dairy plants

IV Semester
Course 9: Technology of Dairy products (Technology of cheese and fermented milks)

Hours/Week: 2

Credits -1

1. Preparation of Cheddar Cheese
2. Preparation of Cottage Cheese
3. Estimation of acidity in milk and Whey
4. Preparation of mozzarella cheese
5. Estimation of fat percentage in cheese and whey.
6. Standardization of casein fat ratio

REFERENCE BOOKS

1. Outlines of Dairy Technology – Sukumar De
2. Milk Products Preparation and Quality Control- C.P. Anantha Krishnan
3. The Technology of Milk Processing- C.P. Anantha Krishnan
4. Modern Dairy Products- Lincoln M Lampert



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

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