

**Model syllabus for Dairy and Animal Husbandry (Minor) in consonance with curriculum
w.e.f. AY 2026-27
COURSE SEMESTER**

Year	Semester	Course	Title of the course	No. of hrs/ week	No. of credits
II	III	1	Milk and milk products technology (theory)	3	3
			Milk and milk products technology (practical)	2	1

Theory	credits-3	3hrs/week
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9hrs

UNIT- II

9hrs

UNIT- III

9hrs

Preparation of cream , butter, paneer or chana, Ghee, Khoa, Lassie, dahi, ice-cream, mozzarella cheese and dairy by products. Common defects of milk products and their remedial measures

UNIT – IV

9hrs

Packaging, transportation, storage and distribution of milk and milk products . Good manufacturing practices and implementation of HACCP in milk plant. Organic milk products .

UNIT- V

9hrs

Food safety standards for milk and milk products .

SEMESTER-III
COURSE 1 : MILK AND MILK PRODUCTS TECHNOLOGY

practical	credits-1	2hrs/week
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| 1. Visit to modern milk processing and milk products manufacturing plants .
2. Sampling of milk . Estimation of fat, solid not fat (SNF) and total solids .Platform tests .
3. Cream separation .
4. Detection of adulteration of milk .
5. Determination of efficiency of pasteurization .
6. Preparation of milk products like ghee, paneer or chine ,khoa ,ice-cream or sulfa , milk beverages . | | |
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Reference books :

- 1 . Text book on Milk & Milk products Ran veer R C, Kamble, D K, Pa'anga
- 2 . MILK AND MILK PROCESSING Herrington B.L.
- 3 . Milk and Milk Products H. Varna Alan
- 4 . Principle of Dairy Processing .Warner James N



4- Year UG Honours MINOR

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