

B.Tech. Dairy Technology

SEMESTER - I							
SN	Disci.	Course Code	Title of the Course	Credit	Credits		
					T	P	T+P
1	DE	DE-1101	Workshop Practice	2 (1+1)	1	1	2
2	DE	DE-1102	Fluid Mechanics	3 (2+1)	2	1	3
3	DE	DE-1103	Engineering Drawing	1 (0+1)	0	1	1
4	DM	DM-1101	Fundamentals of Microbiology	3 (2+1)	2	1	3
5	DC	DC-1101	Organic Chemistry	3 (2+1)	2	1	3
6	DC	DC-1102	Environmental Studies	2 (1+1)	1	1	2
7	DBM	DBM-1101	Dairy Development	1(1+0)	1	0	1
8	DBM	DBM-1102	Milk Production Management	2 (1+1)	1	1	2
9	DBM	DBM-1103	Communication Skills	2 (1+1)	1	1	2
10	DBM	DBM-1104	Computer and Application Software Packages	2 (1+1)	1	1	2
11	NSS	NNP-1101	NSS/NCC/Physical Education (Non credit)	1 (0+1)			0
					12	9	21
SEMESTER - II							
SN	Disci.	Course Code	Title of the Course	Credit	Credits		
					T	P	T+P
1	DT	DT-1201	Market Milk	4 (3+1)	3	1	4

2	DT	DT-1202	Traditional Indian Dairy Products	3 (2+1)	2	1	3
3	DE	DE-1204	Heat & Mass Transfer	3 (2+1)	2	1	3
4	DE	DE-1205	Thermodynamics	2 (1+1)	1	1	2
5	DE	DE-1206	Boilers and Steam Generation	2 (1+1)	1	1	2
6	DM	DM-1202	Microbiology of fluid milk	3 (2+1)	2	1	3
7	DC	DC-1203	Chemistry of Milk	3 (2+1)	2	1	3

8	DBM	DBM-1205	Economic Analysis	2 (2+0)	2	0	2
9	DBM	DBM-1206	Fundamentals of Dairy Extension	2 (1+1)	1	1	2
10	NSS	NNP-1202	NSS/NCC/Physical Education (Non credit)	1 (0+1)			0
					16	8	24

SEMESTER - III

SN	Disci.	Course Code	Title of the Course	Credit	Credits		
					T	P	T+P
1	DT	DT-2103	Cheese Technology	5 (3+2)	3	2	5
2	DT	DT-2104	Ice-cream & Frozen Deserts	3 (2+1)	2	1	3
3	DE	DE-2107	Refrigeration & Air-conditioning	3 (2+1)	2	1	3
4	DE	DE-2108	Basic Electrical Engineering	3 (2+1)	2	1	3

5	DM	DM-2103	Starter Cultures and Fermented Milk Products	3 (2+1)	2	1	3
6	DC	DC-2104	Physical Chemistry of Milk	3 (2+1)	2	1	3
7	DC	DC-2105	Biochemistry	2 (1+1)	1	1	2
8	DBM	DBM-2107	Financial Management & Cost Accounting	3 (2+1)	2	1	3
9	NSS	NNP-2103	NSS/NCC/Physical Education (Non credit)	1 (0+1)			0

					16	9	25
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SEMESTER - IV

SN	Disci.	Course Code	Title of the Course	Credit	Credits		
					T	P	T+P
1	DT	DT-2205	Fat Rich Dairy Products	3 (2+1)	2	1	3
2	DT	DT-2206	Condensed & Dried Milks	4 (3+1)	3	1	4
3	DE	DE-2209	Instrumentation and Process Control	3 (2+1)	2	1	3
4	DE	DE-2210	Dairy Engineering	3 (2+1)	2	1	3
5	DM	DM-2204	Dairy Biotechnology	3 (2+1)	2	1	3
6	DC	DC-2206	Chemistry of Dairy Products	3 (2+1)	2	1	3
7	DBM	DBM-2208	Industrial Statistics	2 (1+1)	1	1	2
8	NSS	NNP-2204	NSS/NCC/Physical Education (Non credit)				0
					14	7	21

SEMESTER - V

SN	Disci.	Course Code	Title of the Course			Credits		
				Credit		T	P	T+P
1	DT	DT-3107	By Product Technology	3 (2+1)	2		1	3
2	DT	DT-3108	Sensory Evaluation of Dairy Products	3 (2+1)	2		1	3
3	DT	DT-3109	Food Technology-I	3 (2+1)	2		1	3
4	DE	DE-3111	Material Strength & Dairy Machine Design	3 (2+1)	2		1	3

5	DE	DE-3112	Dairy Process Engineering	3 (2+1)	2		1	3
6	DM	DM-3105	Quality & Safety Monitoring in Dairy Industry	3 (2+1)	2		1	3
7	DM	DM-3106	Microbiology of Dairy Products	3 (2+1)	2		1	3
8	DC	DC-3107	Chemical Quality Assurance	2 (1+1)	1		1	2
9	DBM	DBM-3109	Marketing Management & International Trade	2 (2+0)	2		0	2

10	DBM	DBM-3110	Operation Research	2 (2+0)	2		0	2
					19		8	27

SEMESTER - VI

SN	Disci.	Course Code	Title of the Course			Credits		
				Credit		T	P	T+P
1	DT	DT-3210	Food Technology-II	2 (1+1)		1	1	2
2	DT	DT-3211	Packaging of Dairy Products	3 (2+1)		2	1	3

