

## SEMESTER-WISE DISTRIBUTION OF B. TECH. (DT) COURSES

Sr. No.	Course No.	Course Title	Credits
<b>FIRST SEMESTER</b>			
1	DBM-1101	Dairy Development	1(1+0)
2	DBM-1102	Milk Production Management	2(1+1)
3	DBM-1103	Applied Mathematics	3(3+0)
4	DBM-1104	English	3(2+1)
5	DC-1101	Organic Chemistry	3(2+1)
6	DE-1101	Engineering Drawing	2(0+2)
7	DE-1102	Fluid Mechanics	3(2+1)
8	DE-1103	Workshop Practice	2(1+1)
9	DM-1101	Fundamentals of Microbiology	4(2+2)
10	NSS	National Social Scheme	1(0+1)
<b>Total</b>			<b>24(14+10)</b>
<b>SECOND SEMESTER</b>			
1	DBM-1205	Economic Analysis	2(2+0)
2	DBM-1206	Industrial Statistics	3(2+1)
3	DC-1202	Chemistry of Milk	3(2+1)
4	DE-1204	Heat & Mass Transfer	3(2+1)
5	DE-1205	Thermodynamics	3(2+1)
6	DM-1202	Introductory Dairy Microbiology	3(2+1)
7	DT-1201	Market Milk	5(3+2)
8	DT-1202	Traditional Dairy Products	3(2+1)
9	NSS	National Social Scheme	1(0+1)
<b>Total</b>			<b>26(17+09)</b>
<b>THIRD SEMESTER</b>			
1	DBM-2107	Computer Programming	3(1+2)
2	DC-2103	Physical Chemistry of milk	3(2+1)
3	DC-2104	Biochemistry	3(2+1)
4	DE-2106	Electrical Engineering	3(2+1)
5	DE-2107	Refrigeration & air-conditioning	3(2+1)
6	DM-2103	Microbiology of Dairy Products	3(2+1)
7	DT-2103	Fat Rich Dairy Products	4(3+1)
8	DT-2104	Ice-cream and Frozen desserts	4(2+2)
9	NSS	National Social Scheme	1(0+1)
<b>Total</b>			<b>27(16+10)</b>
<b>FOURTH SEMESTER</b>			
1	DBM-2208	Financial Management	3(2+1)
2	DC-2205	Chemistry of Dairy Products	3(2+1)
3	DE-2208	Dairy Engineering	3(2+1)
4	DE-2209	Instrumentation and process control	3(2+1)
5	DM-2204	Starter Cultures & Fermented Milk Products	4(2+2)
6	DM-2205	Dairy Biotechnology	3(2+1)
7	DT-2205	Packaging of Dairy Products	3(2+1)
8	DT-2206	Cheese and Fermented Milks Technology	5(3+2)
9	NSS	National Social Scheme	1(0+1)
<b>Total</b>			<b>27(17+10)</b>

Sr. No.	Course No.	Course Title	Credits
<b>FIFTH SEMESTER</b>			
1	DBM-3109	Cost Accounting	2(2+0)
2	DC-3106	Chemical Quality Assurance	3(2+1)
3	DC-3107	Environmental Studies	3(2+1)
4	DE-3110	Dairy Process Engineering	4(3+1)
5	DE-3111	Principles of Dairy Machine Design	3(2+1)
6	DM-3106	Quality and Safety Monitoring in Dairy Industry	3(2+1)
7	DT-3107	Condensed and Dried Milks	5(3+2)
8	DT-3108	By-products Technology	4(3+1)
<b>Total</b>			<b>27(19+08)</b>
<b>SIXTH SEMESTER</b>			
1	DBM-3210	IT in Dairy Industry	2(1+1)
2	DBM-3211	Operation Research	2(2+0)
3	DC-3208	Food Chemistry	3(2+1)
4	DE-3212	Food Engineering	3(2+1)
5	DE-3213	Dairy Plant Design and Layout	3(2+1)
6	DM-3207	Food & Industrial Microbiology	3(2+1)
7	DT-3209	Food Technology	4(3+1)
8	DT-3210	Judging of Dairy Products	3(2+1)
9	DT-3211	Dairy Plant Management and Pollution Control	3(2+1)
<b>Total</b>			<b>26(18+08)</b>
<b>SEVENTH SEMESTER</b>			
1	DBM-4112	Communication Skill and Entrepreneurship Development	2(2+0)
2	DBM-4113	Dairy Extension Education	1(1+0)
3	DP-4101	Dairy Plant Operations and Management-I (Experiential Learning)	25 (5+20)
<b>Total</b>			<b>28(08+20)</b>
<b>EIGHTH SEMESTER</b>			
1	DBM-4214	Marketing Management and International Trade	2(2+0)
2	DC-4209	Human Nutrition	1(1+0)
3	DP-4202	Dairy Plant Operations and Management-II (Experiential Learning)	25 (5+20)
<b>Total</b>			<b>28(08+20)</b>