

7. STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN KNITTING TECHNOLOGY

FIRST SEMESTER

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
1.1*	Communication Skills -I	3	-	2	25	25	100	3	50	2	200
1.2*	Applied Mathematics-I	5	-	-	50	-	100	3	-	-	150
1.3*	Applied Physics – I	4	-	2	25	25	100	3	50	3	200
1.4*	Applied Chemistry – I	3	-	2	25	25	100	3	50	3	200
1.5*	Basics of Information Technology	-	-	4	-	50	-	-	100	3	150
1.6*	Engineering Drawing-I	-	-	6	-	50	100	3	25 (Viva)	2	175
1.7*	General Workshop Practice - I	-	-	6	-	50	-	-	+100	3	150
# Student Centred Activities		-	-	3	-	25	-	-	-	-	25
Total		15	-	25	125	250	500	-	375	-	1250

* Common with other diploma programmes

+ Includes 25 marks for Viva-voce

Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

SECOND SEMESTER (KNITTING TECHNOLOGY)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
2.1*	Communication Skills –II	3	-	2	25	25	100	3	50	2	200
2.2*	Applied Mathematics-II	5	-	-	50	-	100	3	-	-	150
2.3*	Applied Chemistry – II	3	-	2	25	25	100	3	50	3	200
2.4**	Basics of Textile Processes	5	-	-	25	-	100	3	-	-	125
2.5**	Textile Fibres	5	-	2	25	25	100	3	50	3	200
2.6**	Basics of Design and Colour	3	-	6	25	25	100	-	+100	3	250
# Student Centred Activities		-	-	4	-	25	-	-	-	-	25
Total		24	-	16	175	125	600	-	250	-	1150

* Common with other diploma programmes

** Common with Textile Technology/Textile Processing

+ Includes 25 marks for Viva-voce

Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

THIRD SEMESTER (KNITTING TECHNOLOGY)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
3.1	Basic Knitting Technology	3	-	4	25	25	100	3	50	3	200
3.2	Flat Knitting Technology-I	3	-	4	25	25	100	3	50	3	200
3.3	Knitting Mathematics	3	-	-	25	-	100	3	-	-	125
3.4 **	Textile Physical Testing	4	-	3	25	25	100	3	50	3	200
3.5	Computer Applications in Knitting Technology	-	-	4	-	50	-	-	100	3	150
3.6	Dyeing and finishing Technology-I	3	-	4	25	25	100	3	50	3	200
# Student Centred Activities		-	-	5	-	25	-	-	-	-	25
Total		16	-	24	125	175	500	-	300	-	1100

** Common with diploma programme in Textile Processing

Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

FOURTH SEMESTER (KNITTING TECHNOLOGY)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week	Theory	Practical	Written Paper		Practical				
			L P	T	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
4.1	Power Driven Circular Machine Technology	3	-	3	25	25	100	3	50	3	200
4.2	Flat Knitting Technology-II	3	-	4	25	25	100	3	50	3	200
4.3 **	Textile Chemical Testing	4	-	3	25	25	100	3	50	3	200
4.4	Dyeing and Finishing Technology –II	2	-	4	25	25	100	3	50	3	200
4.5	Estimating and Costing	3	-	-	25	-	100	3	-	-	125
4.6	Warp Knitting Technology-I	3	-	3	25	25	100	3	50	3	200
# Student Centred Activities including Entrepreneurial Awareness Camp		-	-	5	-	25	-	-	-	-	25
Total		18	-	22	150	150	600	-	250	-	1150

** Common with diploma programme in Textile Processing

Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

Industrial Training - After examination of 4th Semester, the students shall go for training in a relevant industry/field organization for a minimum period of one month and shall prepare a diary. It shall be evaluated during 5th semester by his/her teacher for 50 marks. The students shall also prepare a report at the end of training and shall present it in a seminar, which will be evaluated for another 50 marks. This evaluation will be done by HOD and lecturer incharge – training in the presence of one representative from training organization.

FIFTH SEMESTER (KNITTING TECHNOLOGY)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
5.1	Knitted Structure and Analysis	2	-	-	25	-	100	3	-	-	125
5.2	Circular Jacquard Machines - I	3	-	5	25	25	100	3	50	3	200
5.3	Warp Knitting Technology - II	3	-	5	25	25	100	3	50	3	200
5.4	Garment Manufacturing Technology - I	3	-	4	25	25	100	3	50	3	200
5.5	Technical Textiles and its Applications	3	-	2	25	25	100	3	50	3	200
5.6 *	Environmental Education	3	-	-	25	-	100	3	-	-	125
5.7 *	Employability Skills – I	-	-	2	-	25	-	-	50	3	75
	Industrial Training	-	-	-	-	50	-	-	50	-	100
	# Student Centred Activities including Personality Development Camp	-	-	5	-	25	-	-	-	-	25
	Total	17	-	23	150	200	600	-	300	-	1250

* Common with other diploma programmes

Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.

SIXTH SEMESTER (KNITTING TECHNOLOGY)

Sr. No	Subject	STUDY SCHEME			EVALUATION SCHEME						Total Marks
					Internal Assessment		External Assessment (Examination)				
		Hrs/week			Theory	Practical	Written Paper		Practical		
		L	T	P	Max. Marks	Max. Marks	Max. Marks	Hrs	Max. Marks	Hrs	
6.1	Circular Jacquard Machines - II	3	-	2	25	25	100	3	50	3	200
6.2	Advanced Machines Technology	2	-	3	25	25	100	3	50	3	200
6.3	Garment Manufacturing Technology – II	2	-	4	25	25	100	3	50	3	200
6.4**	Process House Management	4	-	-	25	-	100	3	-	-	125
6.5 *	Basics of Management	3	-	-	25	-	100	3	-	-	125
6.6 *	Employability Skills – II	-	-	2	-	25	-	-	50	3	75
6.7	Major Project Work	-	-	10	-	100	-	-	200	3	300
# Student Centred Activities		-	-	5	-	25	-	-	-	-	25
Total		14	-	26	125	225	500	-	400	-	1250

* Common with other diploma programmes

** Common with diploma programme in Textile Processing

Student Centred Activities will comprise of co-curricular activities like extension lectures, library studies, games, hobby clubs e.g. photography, painting, singing, seminars, declamation contests, educational field visits, N.C.C., NSS, Cultural Activities, Civil Defence/Disaster Management activities etc.