

**STUDY AND EVALUATION SCHEME FOR LATERAL AND ITI PASSED STUDENTS  
THREE YEARS (SIX SEMESTER) DIPLOMA COURSE IN TEXTILE TECHNOLOGY  
(To Be Effective From 2022-23 )**

III Semester

Curriculum						Scheme of Examination														
Periods Per Week						Theory				Practical			Gr-nd							
Le	Tut	Dr	Lab	Work	Tot	Examination	Sess.	Total	Examination	Sess.	Total	Tot								
c.	ori	aw	Shop	al		Dur.	Marks	Marks	Dur.	Marks	Marks	al								
6	2	-	-	-	8	3.1	Fabric Structure & Analysis	2.5	50	20	70	--	--	--	--	70				
5	-	-	2	-	7	3.2	Electrical Technology & Electronics	2.5	50	20	70	3	40	20	60	130				
6	-	-	8	-	14	3.3	Spinning Preparation	2.5	50	20	70	6	40	20	60	130				
6	-	-	8	-	14	3.4	Weaving Preparation	2.5	50	20	70	6	40	20	60	130				
23	2	-	18	-	43	<-----TOTAL----->						--	200	80	280	--	120	60	180	460
												Games/NCC/Social and Cultural Activity/Community Development+Discipline (15+10)			25					
												Aggregate			485					

A. COMPULSORY SUBJECT OF I & II SEMESTER TEXTILE TECHNOLOGY TO BE TAUGHT IN III & IV SEMESTER TO ITI PASSED STUDENTS OF TRADES ARE AS FOLLOWS :  
I. WEAVING TECHNICIAN II. TEXTILE WET PROCESSING TECHNICIAN

Curriculum						Scheme of Examination											
Periods Per Week						Theory				Practical			Gr-nd				
Le	Tut	Dr	Lab	Work	Tot	Examination	Sess.	Total	Examination	Sess.	Total	Tot					
c.	ori	aw	Shop	al		Dur.	Marks	Marks	Dur.	Marks	Marks	al					
4	-	-	-	-	4	1.1	Foundational Communication	2.5	50	--	50	-	--	-	--	50	
							(*)										
3	1	-	-	-	4	1.2	Applied Mathematics-I(A) (*)	2.5	50	--	50	-	-	-	-	50	
3	1	-	-	-	4	1.3	Applied Physics-I(*)	2.5	50	--	50	-	-	-	-	50	
10	2	-	-	-	12	<-----TOTAL----->						--	150	--	150	--	150

NOTE:- (1) (\*) It is compulsory to appear & to pass in examination From III Semester To VI Semester, But marks will not be included for division and percentage of obtained marks.  
(2) (\*) Four Semester (Two Years) of Extra Time will be given after diploma curriculum period (If Required) to pass the above paper (1.1 To 1.3 and 2.1 to 2.3) examination (As Per G. O. No. 2221/16-Pra. Shi.-3-2009 Dated 28-08-2009) & Revised G.O. No. 2704/16-Pra.Shi.-3-2013-46(8)/2002 Dated 09-01-2013 and G.O. No. 9/2018/2182/Solaha-3-2017-46(08)/2020 Dated 16.01.2018 and B.T.E. G.O. No. Pra. Shi..Pa.C.D.C./2022/8583 Dated 09.09.2022

IV Semester

4	-	-	-	-	4	4.1	Functional Communicaton	2.5	50	20	70	-	--	--	--	70			
4	-	-	-	-	4	4.2	Industrial Safety	2.5	50	20	70	--	--	--	--	70			
4	1	-	6	-	11	4.3	Textile Testing	2.5	50	20	70	6	40	20	60	130			
2	-	-	5	-	7	4.4	Introduction To Computer	--	--	--	--	3	60	30	90	90			
6	-	-	-	-	6	4.5	Principles of Design And Colour	3.0	50	20	70	-	--	--	--	70			
4	2	-	4	-	10	4.6	Intnroduction To Knitting and Garment Technology	2.5	50	20	70	6	40	20	60	130			
3	-	-	2	-	5	4.7	Energy Conservation	2.5	50	20	70	3	20	10	30	100			
-----																			
27	3	-	17	-	47	<-----TOTAL----->					--	300	120	420	--	160	80	240	660
-----																			
																Games/NCC/Social and Cultural Activity/Community Development+Discipline (15+10)	25		
-----																			
																Aggregate	685		

B. COMPULSORY SUBJECT OF I & II SEMESTER TEXTILE TECHNOLOGY TO BE TAUGHT IN III & IV SEMESTER TO ITI PASSED STUDENTS OF TRADES ARE AS FOLLOWS :

I. WEAVING TECHNICIAN II.TEXTILE WET PROCESSING TECHNICIAN

Curriculum						Scheme of Examination													
Periods Per Week						S U B J E C T	Theory			Practical			Grand						
Le	Tut	Dr	Lab	Work	Tot		Examination	Sess.	Total	Examination	Sess.	Total		Total					
c.	ori	aw	Shop	al		Dur.	Marks		Dur.	Marks		Marks	al						
3	1	-	-	-	4	2.1	Applied Mathematics-I(B) (*)	2.5	50	--	50	-	-	-	-	50			
6	-	-	-	-	6	2.3	Applied Chemistry(*)	2.5	50	--	50	3	40	-	40	90			
3	1	-	4	-	8	2.2	Applied Physics-II(*)	2.5	50	--	50	3	40	-	40	90			
-----																			
12	2	-	4	-	18	<-----TOTAL----->					--	150	--	150		80	-	80	180
-----																			

- NOTE:- (1) (\*) It is compulsory to appear & to pass in examination From III Semester To VI Semester, But marks will not be included for division and percentage of obtained marks.
- (2) (\*) Four Semester (Two Years) of Extra Time will be given after diploma curriculum period (If Required) to pass the above paper (1.1 To 1.3 and 2.1 to 2.3) examination (As Per G. O. No. 2221/16-Pra. Shi.-3-2009 Dated 28-08-2009) & Revised G.O. No. 2704/16-Pra.Shi.-3-2013-46(8)/2002 Dated 09-01-2013 and G.O. No. 9/2018/2182/Solaha-3-2017-46(08)/2020 Dated 16.01.2018 and B.T.E. G.O. No. Pra. Shi..Pa.C.D.C./2022/8583 Dated 09.09.2022
- (3) Each session will be of 16 weeks.
- (4) Effective teaching will be at least 14 weeks.
- (5) Remaining periods will be utilised for revision etc.
- (6) 6 weeks structured and supervised, branch specific, task oriented industrial/field exposure to be organised after IV Semester. Student will submit a report. There will be 150 marks for this exposure. These marks will be awarded by project examiner in the VI Semester. (Examination marks :100, Sess. marks : 50 ). See Annexure - II.
- (7) Field visit and extension lectures are to be organised and managed well in advance at institute level as per need.

V Semester

Curriculum							Scheme of Examination								
Periods Per Week							Theory				Practical			Grand	
Lect.	Tutorial	Dr.	Lab	Workshop	Total	Subject	Examination	Sess.	Total	Examination	Sess.	Total	Total		
al							Dur.	Marks	Marks	Dur.	Marks	Marks	al		
-	-	-	4	-	4	5.1 Integrative Communicaton	--	--	--	3	40	20	60	60	
6	2	-	-	-	8	5.2 Industrial Management & Entrepreneurship Development	2.5	50	20	70	--	--	--	70	
4	1	-	-	-	6	5.3 Spinning Technology-I	2.5	50	20	70	--	--	--	70	
4	1	-	-	-	6	5.4 Spinning Technology-II	2.5	50	20	70	--	--	--	70	
4	1	-	-	-	6	5.5 Weaving Technology-I	2.5	50	20	70	--	--	--	70	
4	1	-	-	-	6	5.6 Weaving Technology-II	2.5	50	20	70	--	--	--	70	
-	-	-	8	-	8	5.7 Lab Spining-I & II	--	--	--	6	100	50	150	150	
-	-	-	8	-	8	5.8 Lab Weaving-I & II	--	--	--	6	100	50	150	150	
22	6	-	20	-	48	<-----TOTAL----->	--	250	100	350	--	240	120	360	710
Games/NCC/Social and Cultural Activity/Community Development+Discipline (15+10)													25		
													Aggregate	735	

VI Semester

4	-	-	-	-	4	6.1 Environmental Education(*) & Disaster Management	2.5	50	--	--	--	--	--	--	
6	4	-	-	-	10	6.7 Advance Fabric Structure	2.5	50	20	70	--	--	--	70	
6	4	-	-	-	10	6.8 Process Control in Spinning and Advance Spinning	2.5	50	20	70	--	--	--	70	
6	4	-	-	-	10	6.9 Process Control in Weaving and Advance Weaving	2.5	50	20	70	--	--	--	70	
-	-	-	-	8	8	6.12 Project	--	--	--	VIVA	100	50	150	150	
-	-	-	-	-	-	6.13 Industrial Training-4 Week	--	--	--	VIVA	100	40	140	140	
22	12	-	-	8	42	<-----TOTAL----->	--	150	60	210	--	200	90	290	500
Games/NCC/Social and Cultural Activity/Community Development+Discipline (15+10)													25		
													Aggregate	525	

NOTE:-

- (1) Each period will of be 50 minutes duration
- (2) Each session will be of 32 weeks.
- (3) Effective teaching will be at least 25 weeks.
- (4) Remaining periods will be utilised for revision etc.
- (5) Each group of 2 to 3 students may choose one problem from the project paper.
- (6) Field visits and Extension lectures at institute level as per need be arranged.
- (7) \*-After the examination of IV Semester each student will go for Industrial Training of 4 weeks and will submit report duely forwarded by the supervising officer of the concerned industry for assesment by a pannel consisting of one internal examiner and one external.
- (8) (\*) It is compulsory to appear & to pass in examination, But marks will not be included for division and percentage of obtained marks.