

STUDY AND EVALUATION SCHEME FOR LATERAL ENTRY AND ITI PASSES STUDENTS TEXTILE ENGINEERING

THIRD SEMESTER

SR. NO.	SUBJECTS	COURSE TYPE & CATEGORY	STUDY SCHEME			Credits	MARKS IN EVALUATION SCHEME										Total Marks of Internal & External
			Periods /Week	INTERNAL ASSESSMENT			EXTERNAL ASSESSMENT										
L	T	P	Th	Pr	Tot	Th	Hrs	Pr	Hrs	Tot							
3.1	TEXTILE FIBRES	PROGRAM CORE (THEORY)	03	-	-	3	40	-	40	60	3	-	-	60	100		
3.2	YARN TECHNOLOGY - I	PROGRAM CORE (THEORY)	04	-	-	4	40	-	40	60	3	-	-	60	100		
3.3	FABRIC TECHNOLOGY - I	PROGRAM CORE (THEORY)	03	-		3	40	-	40	60	3	-	-	60	100		
3.4	TEXTILE FIBRES (LAB)	PROGRAM CORE (PRACTICAL)	-	-	04	2	-	60	60	-	-	40	3	40	100		
3.5	YARN TECHNOLOGY – I (LAB)	PROGRAM CORE (PRACTICAL)	-	-	04	2	-	60	60	-	-	40	3	40	100		
3.6	FABRIC TECHNOLOGY –I (LAB)	PROGRAM CORE (PRACTICAL)	-	-	04	2	-	60	60	-	-	40	3	40	100		
3.7	ADVANCE SKILL CERTIFICATION	OPEN ELECTIVE-1*	02	-	-	2	-	-	-	-	-	-	-	-	NA		
3.8	MINOR PROJECT**		-	-	-	2	-	50*	50*	-	-	-	-	-	50*		
#STUDENT CENTERED ACTIVITIES			-	-	12	-	-	50	50	-	-	-	-	-	50		
Total			12		24	20	120	280	400	180		120		300	700		

* Students can earn 2 credits for Open Elective courses either by completing a relevant certification from recognized external platforms such as TATA Technologies, NPTEL, or similar, upon submission and verification of the certificate; or by completing the course offered by their own polytechnic institute, in which case credits will be awarded based on internal assessment. Conducted by the institute.

** Lateral entry students shall undertake a minor project and deliver a presentation on the same. This project will serve as an equivalent to summer internship-I for the purpose of earning the associated credits and marks

.# Student Centered Activities will comprise of co-curricular activities like extension lectures, games, hobby clubs e.g. Photography etc., Seminars, Declamation Contests, voluntary contribution in physical activities, Educational Field Visits, NCC, NSS, Cultural Activities and Self-Study.

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

I. WEAVING TECHNICIAN II.TEXTILE WET PROCESSING TECHNICIAN

Sr. No.	SUBJECTS	STUDY SCHEME Periods/Week				Credits	MARKS IN EVALUATION SCHEME									Total Marks of Internal & External
							INTERNAL ASSESSMENT			EXTERNAL ASSESSMENT						
		L	T	P	Total		Th	Pr	Tot	Th	Hrs	Pr	Hrs	Tot		
1.1	*MATHEMATICS-I	2	1	-	3	3	40	-	40	60	3	-	-	60	100	
1.2	*APPLIED PHYSICS-I	3	-	2	5	4	40	60	100	60	3	40	3	100	200	
1.3	*APPLIED CHEMISTRY	3	-	2	5	4	40	60	100	60	3	40	3	100	200	
1.4	*COMMUNICATION SKILLS IN ENGLISH	3	-	2	5	4	40	60	100	60	3	40	3	100	200	
TOTAL		11	1	6	18	15	160	180	340	240		120		360	700	

(*) It is compulsory to appear & to pass in examination From III Semester To VI Semester, But credit/marks will not be included for division and percentage of obtained marks.

(*) Four Semester (Two Years) of Extra Time will be given after diploma curriculum period (If Required) to pass the above paper (1.1 To 1.4 and 2.1 to 2.2) 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 B.T.E Order No. Pra.Shi.Pa/C.D.C./2022/872021 Dated 21.02.22

**STUDY AND EVALUATION SCHEME FOR LATERAL ENTRY AND ITI PASSES STUDENTS TEXTILE ENGINEERING
FOURTH SEMESTER**

Sr. No.	SUBJECTS	COURSE TYPE & CATEGORY	STUDY SCHEME			Credits	MARKS IN EVALUATION SCHEME										Total Marks of Internal & External
			Periods/ Week				INTERNAL ASSESSMENT			EXTERNAL ASSESSMENT							
			L	T	P		Th	Pr	Tot	Th	Hrs	Pr	Hrs	Tot			
4.1	TEXTILE TESTING	PROGRAM CORE (PRACTICUM)	02	-	02	3	40	-	40	60	3	-	-	60	100		
4.2	YARN TECHNOLOGY II	PROGRAM CORE (THEORY)	03	-	-	3	40	-	40	60	3	-	-	60	100		
4.3	FABRIC TECHNOLOGY II	PROGRAM CORE (THEORY)	03	-	-	3	40	-	40	60	3	-	-	60	100		
4.4	FABRIC STRUCTURE & DESIGN	PROGRAM CORE (PRACTICUM)	02	-	02	3	40	-	40	60	3	-	-	60	100		
4.5	PROGRAM ELECTIVE -I	PROGRAM CORE (THEORY)	02	-	-	2	40	-	40	60	3			60	100		
4.6	YARN TECHNOLOGY- II (LAB)	PROGRAM CORE (PRACTICAL)	-	-	04	2	-	60	60	-	-	40	3	40	100		
4.7	FABRIC TECHNOLOGY- II (LAB)	PROGRAM CORE (PRACTICAL)	-	-	04	2	-	60	60	-	-	40	3	40	100		
4.8	ADVANCE SKILL CERTIFICATION	OPEN ELECTIVE-2*	02	-	-	2	-	-	-	-	-	-	-	-	NA		
4.9	ESSENCE OF INDIAN KNOWLEDGE AND TRADITION	AUDIT COURSE	02	-	-	-	50	-	50	-	-	-	-	-	NA		
#STUDENT CENTERED ACTIVITIES			-	-	08	-	-	50	50	-	-	-	-	-	50		
Total			16		20	20	200	170	370	300		80		380	750		

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Student Centered Activities will comprise of co-curricular activities like extension lectures, games, hobby clubs e.g. Photography etc., Seminars, Declamation Contests, voluntary contribution in physical activities, Educational Field Visits, NCC, NSS, Cultural Activities and Self-Study.

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

I. WEAVING TECHNICIAN II.TEXTILE WET PROCESSING TECHNICIAN

Sr. No.	SUBJECTS	STUDY SCHEME Periods/Week				Credits	MARKS IN EVALUATION SCHEME										TOTAL MARKS OF INTERNAL & EXTERNAL
							INTERNAL ASSESSMENT			EXTERNAL ASSESSMENT							
		L	T	P	Total		Th	Pr	Tot	Th	Hrs	Pr	Hrs	Tot			
2.1	*MATHEMATICS-II	3	1	-	4	4	40	-	40	60	3	-	-	60	100		
2.2	*APPLIED PHYSICS-II	3	-	2	5	4	40	60	100	60	3	40	3	100	200		
Total		6	1	2	9	8	80	60	140	120		40		160	300		

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OPEN ELECTIVE-1

SR.NO.	SUBJECT NAME
1.	ECONOMIC POLICIES IN INDIA (Course offered by Polytechnic Institute)
2.	PROJECT MANAGEMENT (Course offered by Polytechnic Institute)
3.	ANY COURSE OF MINIMUM 02 CREDIT FROM 1. NPTEL 2. MOOCS THROUGH SWAYAM 3. AICTE-ELIS AND CENTRALLY FUNDED TECHNICAL INSTITUTES 4. C-DAC 5. CERTIFICATIONS CONDUCTED BY THE INSTITUTE OF NATIONAL IMPORTANCE (IIT, NIT, IIIT ETC.) 6. ISRO E-LEARNING 7. OTHER RELEVANT GOVERNMENT, INTERNATIONAL/NATIONAL PLATFORMS OF REPUTE NEILIT

OPEN ELECTIVE -2

SR.NO.	SUBJECT NAME
1.	RENEWABLE ENERGY TECHNOLOGIES (Course offered by Polytechnic Institute)
2.	ENERGY EFFICIENCY AND AUDIT (Course offered by Polytechnic Institute)
3.	ANY COURSE OF MINIMUM 02 CREDIT FROM 1. NPTEL 2. MOOCS THROUGH SWAYAM 3. AICTE-ELIS AND CENTRALLY FUNDED TECHNICAL INSTITUTES 4. C-DAC 5. CERTIFICATIONS CONDUCTED BY THE INSTITUTE OF NATIONAL IMPORTANCE (IIT,NIT,IIIT ETC.) 6. ISRO E-LEARNING 7. OTHER RELEVANT GOVERNMENT, INTERNATIONAL/NATIONAL PLATFORMS OF REPUTE NEILIT

PROGRAME ELECTIVE-1

SR.NO.	SUBJECT NAME
1.	TEXTILE CHEMICAL PROCESSING
2.	PRINCIPAL OF DESIGN AND COLOR