

Appendix – I

2017-18



THE TECHNOLOGICAL INSTITUTE OF TEXTILE & SCIENCES

Under UGC Section 2 (f) & 12 (B)
Estd. in 1943 by Padma Vibhushan Dr. G.D. Birla

1.3.2 Percentage of courses on experimental learning through project work/field work internship (Data for the Academic year 2017-18) (10)

Programme Name	Number of courses
First Year	21
B.Tech (Textile Technology)	61
B.Tech (Textile Chemistry)	61
B.Tech (Computer Engineering)	50
B.Tech (Electronics & Instrumentation Engineering)	33
B.Tech (Fashion & Apparel Engineering)	61
B.Tech (Information Technology)	53
B.Tech (Electronics and Communication Engineering)	54
B.Tech (Mechanical Engineering)	54
M.Tech (Textile Technology)	12
M.Tech (Computer Engineering)	25
M.Tech (Fashion & Apparel Engineering)	22
TOTAL COURSES	507
TOTAL NUMBER OF COURSE ON EXPERIENTIAL LEARNING THROUGH PROJECT WORK/FIELD WORK/ INTERNSHIP	107



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PROGRAMME NAME	NAME OF THE COURSE THAT INCLUDE EXPERIENTIAL LEARNING THROUGH PROJECT WORK/FIELD WORK INTERNSHIP	COURSE CODE	SEM.	YEAR OF OFFERING	NUMBER OF COURSES ON EXPERIENTIAL LEARNING THROUGH PROJECT WORK/FIELD WORK/ INTERNSHIP
FIRST YEAR	ENGINEERING GRAPHICS AND DESIGN	ME-103F	1	2017-18	2
	BASICS OF MECH ENGG. LAB	ME-107F	2		
B.TECH (TEXTILE TECHNOLOGY)	SPINNING LAB-I	TT-209-F	3	2017-18	5
	WEAVING LAB-I	TT-211-F	3		
	MACHINE DRAWING	ME-219-F	3		
	SPINNING LAB-II	TT-212-F	4		
	WEAVING LAB-II	TT-214-F	4		
	SPINNING PRACTICAL-III	TT-313-F	5		8
	WEAVING PRACTICAL-III	TT-315-F	5		
	TEXTILE TESTING PRACTICAL-I (COMMON WITH TC)	TT-317-F	5		
	PATTERNING CUTTING & MAKING-UP (COMMON WITH TC)	TT-319-F	5		
	SPINNING PRACTICAL-IV	TT-314-F	6		
	WEAVING PRACTICAL-IV	TT-316-F	6		
	TEXTILE TESTING PRACTICAL-II (COMMON WITH TC)	TT-318-F	6		
	TEXTILE CHEMICAL PROCESSING LAB	TT-320-F	6		
	MILL PRACTICE	TT-417-F	7		6
	SPINNING PRACTICAL - V	TT-413-F	7		
	WEAVING PRACTICAL - V	TT-415-F	7		
PROJECT WORK	TT-419-F	7			
COMPUTER NETWORKING PRACTICAL	TT-416-F	8			
PROJECT WORK	TT-420-F	8			



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B.TECH (TEXTILE CHEMISTRY)	YARN FORMATION PRACTICAL	TC-207-F	3	2017-18	5
	MACHINE DRAWING	ME-219-F	3		
	FABRIC FORMATION PRACTICAL	TC-208-F	4		
	PREPARATORY WET PROCESS LAB	TC-210-F	4		
	ANALYTICAL CHEMISTRY LAB	TC-212-F	4		
	DYEING LAB-I	TC-313-F	5		8
	TECHNICAL ANALYSIS LAB	TC-315-F	5		
	TEXTILE TESTING PRACTICAL-I	TT-317-F	5		
	PATTERN CUTTING & MAKING-UP	TT-319-F	5		
	DYEING LAB-II	TC-314-F	6		
	PRINTING LAB	TC-316-F	6		
	TEXTILE TESTING PRACTICAL-II	TT-318-F	6		
	INDUSTRIAL WET PROCESSING	TC-320-F	6		
	TEXTILE FINISHING LAB	TC 415-F	7		5
	MILL PRACTICE	TC-417-F	7		
	PROJECT WORK	TC-419-F	7		
	COMPUTER NETWORKING PRACTICAL	CSE 416-F	8		
PROJECT WORK	TC-420-F	8			

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B.TECH (COMPUTER ENGINEERING)	MULTIMEDIA TECH. LAB (COMMON WITH IT-IVSEM)	IT-208-F	5	2017-18	3
	PRACTICAL TRAINING-I	CSE-315-F	5		
	COMPUTER NETWORK LAB	CSE-310-F	6		
	PRACTICAL TRAINING-II	CSE-417-F	7		2
	INDUSTRIAL TRAINING/PROJECT WORK	CSE-402-F	8		
B.TECH (ELECTRONICS & INSTRUMENTATION ENGINEERING)	PROGRAMMING WITH MATLAB	EI-323-F	5	2017-18	7
	COMPUTER NETWORKS LAB	CSE-310-F	6		
	CIRCUIT SIMULATION & PCB DESIGN LAB	EI-324-F	6		
	PLCS & SCADA SYSTEMS LAB	EI-431-F	7		
	DIGITAL SIGNAL PROCESSING LAB	ECE-429-F	7		
	PRACTICAL TRAINING-II	EI-435-F	7		
	INDUSTRIAL TRAINING/INSTITUTIONAL PROJECT WORK	EI-402-F	8		

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B.TECH (FASHION & APPAREL ENGINEERING)	YARN FORMATION PRACTICAL	TC-209-F	3	2017-18	3
	FABRIC FORMATION PRACTICAL	TC-208-F	4		
	ELEMENTARY GARMENT MANUFACTURING LAB	FA-212-F	4		
	PATTERN MAKING	FA-313-F	5		7
	APPAREL CONSTRUCTION LAB-I	FA-315-F	5		
	WOVEN KNIT DESIGN AND DEVELOPMENT	FA-317-F	5		
	PREPARATORY WET PROCESSING LAB	FA-319-F	5		
	DYEING & COMPUTER COLOR	TC-314-F	6		
	TEXTILE & GARMENT	TT-316-F	6		
	APPAREL CONSTRUCTION LAB-II	FA-320-F	6		
	PRINTING LAB	FA-413-F	7		5
	GARMENT INDUSTRY PRACTICE	FA-417-F	7		
	PROJECT WORK(MID TERM EVALUATION)	FA-419-F	7		
	ADVANCE APPAREL CONSTRUCTION LAB OR HOME FASHIONS LAB	FA-416-F	8		
	PROJECT WORK	FA-420-F	8		

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B.TECH (INFORMATION TECHNOLOGY)	MULTIMEDIA TECHNOLOGIES LAB (COMMON WITH CSE – V SEM.)	IT-208 F	4	2017-18	1
	PRACTICAL TRAINING I	IT-309-F	5		1
	PRACTICAL TRAINING-II	IT-415-F	7		
	INDUSTRIAL TRAINING/PROJECT WORK	IT-402-F	8		2
B.TECH (ELECTRONICS AND COMMUNICATION ENGINEERING)	ELECTRONIC WORKSHOP, PCB DESIGN & CIRCUIT LAB(ECE,EI)	EE-221-F	3	2017-18	2
	ELECTRICAL WORKSHOP & MACHINE LAB (ECE,EI)	EE-225-F	3		
	ELECTRONIC MEASUREMENT & INSTRUMENTATION LAB (EL,EI,IC,EE)	EE-323-F	5		5
	PRACTICAL TRAINING	EE-335-F	5		
	MICROCONTROLLER & EMBEDDED SYSTEM LAB	EE-328-F	6		
	MICROWAVE AND RADAR LAB	EE-322-F	6		
	CONTROL SYTEMS ENGG. LAB (EL,EE, EEE,AEI)	EE-324-F	6		
	PRACTICAL TRAINING-II	ECE-404-F	7		2
INDUSTRIAL TRAINING/INSTITUTIONAL PROJECT WORK	ECE-402-F	8			

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B.TECH (MECHANICAL ENGINEERING)	COMPUTER AIDED DESIGN LAB	ME-211-F	3	2017-18	7
	ENGINEERING MECHANICS LAB	ME-213-F	3		
	MATERIALS SCIENCE LAB	ME-215-F	3		
	KINEMATICS OF MACHINE LAB	ME-212-F	4		
	STRENGTH OF MATERIALS LAB	ME-214-F	4		
	FLUID MECHANICS LAB	ME-216-F	4		
	STEAM & POWER GENERATION LAB	ME-218-F	4		
	FLUID MACHINES LAB	ME-315-F	5		6
	INTERNAL COMBUSTION ENGINES & GAS TURBINES LAB	ME-317-F	5		
	MANUFACTURING TECHNOLOGY -II LAB	ME-319-F	5		
	PRACTICAL TRAINING VIVA-VOCE	ME-323-F	5		
	AUTOMOBILE ENGINEERING LAB	ME-314-F	6		
	HEAT TRANSFER LAB	LC-ME-314G	6		
	REFRIGERATION & AIR-CONDITIONING LAB	ME-411-F	7		4
	ADVANCED CAD/CAM LAB	ME-413-F	7		
	PRACTICAL TRAINING-II	ME-415-F	7		
INDUSTRIAL TRAINING/PROJECT WORK	ME-402-F	8			



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M.TECH (TEXTILE TECHNOLOGY)	MIDTERM EVALUATION OF PROJECT	TT-605	3	2017-18	2
	DISSERTATION & VIVA VOVE	TT-602	4		
M.TECH (FASHION AND APPAREL ENGINEERING)	MINOR PROJECT	MFA 613	3	2017-18	2
	DISSERTATION	MFA 602	4		
M.TECH (COMPUTER SCIENCE & ENGINEERING)	Advanced Operating Systems Lab	16CSE21CL1	1	2017-18	7
	Advanced Database Management System Lab	16CSE21CL2	1		
	Soft Computing Lab	16CSE22CL1	2		
	Algorithm Design Lab	16CSE22CL2	2		
	LITERATURE SURVEY (DISSERTATION STAGE 1)	16CSE23CE	3		
	PROJECT	16CSE23CL2	3		
	DISSERTATION & VIVA (DISSERTATION STAGE 2)	16CSE24C1	4		

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