

Annexure B

Mapping of PEOs to PLOs / Graduate Attributes (Sec 3.2.2)

PEC Graduate Attributes (as defined in Sec 3.2.2)	PEO_1	PEO_2	PEO_3	PEO_4	PEO_5
	Engineering Knowledge	✓			
Problem Analysis		✓			
Design/Development of Solutions		✓			
Investigation		✓			
Modern Tool Usage	✓				
The Engineer and Society				✓	
Environment and Sustainability				✓	
Ethics				✓	✓
Individual and Team Work			✓		
Communication			✓		
Project Management	✓				
Lifelong Learning	✓				✓

Note: ✓ means the PEO is related with the respective PLO

Annexure D

Mapping of Courses to PLOs

Semester No.	Course Code	Course Title	Level of Emphasis of PLO (1: High; 2= Medium; 3=Low)											
			1	2	3	4	5	6	7	8	9	10	11	12
1	TE-113	Introduction to Textile Engineering	✓	✓	✓						✓			
	ME 114	Engineering Drawing	✓	✓										✓
	ME-101	Engineering Mechanics	✓	✓	✓									✓
2	TE 111	Textile Chemistry	✓	✓										✓
	ME 112	Thermodynamics	✓	✓	✓	✓								
	HS 104	Functional English										✓		✓
3	TE 203	Computer Programming & Applications	✓				✓							
	TE 205	Pre-treatment of Textiles	✓	✓		✓								
	TE 224	Polymer & Fibre Science	✓			✓								
	TE 207	Machine Design	✓		✓									
	HS 205 or 209	Islamic Studies OR ethical behavior						✓		✓				
4	TE 206	Fluid Mechanics for Textiles	✓		✓						✓			
	TE 211	Textile Yarn Manufacturing Processes	✓			✓								✓
	MM 205	Mechanics of Material	✓		✓									✓
	TE 208	Material Science	✓	✓	✓									
5	TE 312	Textile Fabric Manufacturing Processes	✓	✓	✓	✓								
	TE 307	Utilities for Textile Industry	✓	✓	✓					✓				

Annexure D

Mapping of Courses to PLOs

	TE 305	Quality Control in Textiles	✓	✓	✓	✓					✓			
	TE 326	Textile Dyeing	✓		✓	✓	✓							
	ME 311	Manufacturing Processes	✓		✓	✓								
	HS 304	Business Communication & Ethics						✓		✓		✓		
6	TE 313	Textile Product Evaluation-I	✓	✓	✓	✓								
	MF 303	Applied Economics for Engineers						✓					✓	
	TE 318	Textile & Environment	✓			✓			✓					
	TE-319	Heat and Mass Transfer		✓	✓	✓								
7	TE 461	Advanced Yarn Manufacturing Mechanisms	✓										✓	✓
	TE-405	Textile Mill Utilities II	✓	✓	✓									
	TE 409	Transport Phenomena	✓	✓	✓		✓							
	TE 414	Textile Chemical Processes-II	✓	✓	✓									✓
	TE 451	Automation & Control in Textile	✓		✓	✓								
8	TE 462	Advanced Fabric Manufacturing Mechanism	✓	✓							✓			
	TE 406	Textile Production Management			✓	✓	✓						✓	
	TE 452	Textile Finishing	✓			✓			✓					
	TE 413	Textile Product Evaluation-II		✓	✓	✓								
	TE 408	Textile Engineering Design Project			✓	✓	✓				✓	✓	✓	✓