

List of Core Electives

Semester-I	Core Elective-1	PEME-811(A) Industrial Engineering
		PEME-811(B) Robotics
		PEME-811(C) Machine Tool Design
		PEME-811(D) Welding Codes and Standards
	Core Elective-2	PEME-812(A) Design of Experiments
		PEME-812(B) Physical Metallurgy
PEME-812(C) Maintenance Engineering		
Semester-II	Core Elective-3	PEME-821 (A) Additive Manufacturing
		PEME-821 (B) Computer Aided Design (CAD)
		PEME-821 (C) Product Design and Development
		PEME-821 (D) Modeling and Simulation
	Core Elective-4	PEME-822 (A) Advanced Optimization Techniques
		PEME-822 (B) Non-conventional Machining Processes
		PEME-822 (C) Measurement and instrumentation
		PEME-822 (D) Design of Welded Structures
	PEME-822(E) Surface Engineering	
Semester-III	Core Elective-5	PEME-911 (A) Quality Management
		PEME-911 (B) Supply Chain Management
		PEME-911 (C) Processing of Composites
		PEME-911 (D) Physics of Welding
		PEME-911 (E) Weldability of Engineering Materials
		PEME-911(F) Flexible Manufacturing System (FMS)

List of Core Electives lab.

Semester-I	Core Elective-1 Lab	PEME-813(A) Industrial Engineering Lab.
		PEME-813(B) Robotics Lab.
		PEME-813(C) Machine Tool Design Lab.
		PEME-813(D) Welding Codes and Standards Lab.
	Core Elective-2 Lab	PEME-814(A) Design of Experiments Lab.
		PEME-814(B) Physical Metallurgy Lab.
PEME-814(C) Maintenance Engineering Lab.		
Semester-II	Core Elective-3 Lab	PEME-823 (A) Additive Manufacturing Lab.
		PEME-823 (B) Computer Aided Design (CAD) Lab.
		PEME-823 (C) Product Design and Development Lab.
		PEME-823 (D) Modeling and Simulation Lab.

Open Elective (OEME-911)

OEME-911(A) Industrial Engineering
OEME-911(B) Robotics
OEME-911 (C) Design of Experiments
OEME-911 (D) Additive Manufacturing
OEME-911 (E) Computer Aided Design (CAD)
OEME-911 (F) Product Design and Development
OEME-911 (G) Quality Management
OEME-911 (H) Supply Chain Management
OEME-911(I) Flexible Manufacturing System (FMS)