

Curriculum of M. Des. Mechanical Systems
(According to 9th, 10th, 11th, 13th, 14th and 17th senate meeting minutes)

Semester 1				
Course Name	I	P	C	Category
Optimization Methods	3	0	3	BEC
Introduction to Product Design and Development	3	0	3	DES
Advanced Mechanisms	3	0	3	PEC
Thermal Considerations in Design	3	0	3	PEC
Design with Advanced Engineering Materials	3	0	3	PEC
Advanced Engineering Simulation Practice - I	1	3	3	PEC
Product Conceptualization and Visualization	1	3	3	DES
Total	17	6	21	
Semester 2				
Elective - 1	3	0	3	ELE
Elective - 2	3	0	3	ELE
Life Cycle Management	3	0	3	DES
Design for X	3	0	3	DES
Failure Analysis and Design	3	0	3	PEC
Advanced Engineering Simulation Practice - II	0	3	2	PEC
Product Design Practice and Prototyping	0	6	4	DES
Total	15	9	21	
Semester 3				
Course Name	I	P	C	Category
Elective - 3	3	0	3	ELE
Design for Quality and Reliability	3	3	5	DES
Major Project – Part 1	0	9	6	PEC
Seminar	0	2	1	PEC
Total			15	
Semester 4				
Course Name	I	P	C	Category
Major Project – Part 2	0	21	14	PEC
Total			14	