

Modified E2 (R13) Curriculum for Dept. of Mechanical Engineering (RKV Campus)

E1 Sem1	
Name of the Course	Credits
Mathematics I	4
Engineering Mechanics	4
Programming and Datastructures	4
Engineering Drawing and Computer Drafting	4
Workshop	3
Programming and Datastructures Lab	2
Total Credits	21

E1 Sem2	
Name of the Course	Credits
Mathematics II	4
Basic Electrical Engineering	4
Mechanics of Materials	4
Thermodynamics	4
Material Science and Metallurgy	4
Basic Electrical Engineering Lab	2
Mechanics of Materials Lab	2
Total Credits	24

E1 Summer Sem	
Name of the Course	Credits
Advaced English	2
Soft skills	2
Total Credits	4

E2 Sem1	
Name of the Course	Credits
Basic Electronics	4
Kinematics of Machines	4
Fluid Mechanics	4
Manufacturing Processes	4
Machine Drawing	4
Basic Electronics Lab	2
Kinematics of Machines Lab	2
Fluid Mechanics Lab	2
Total Credits	26

E2 Sem2	
Name of the Course	Credits
Metal Cutting and Machine Tools	4
Thermal engineering I	4
Heat Transfer	4
Design of Machine Elements I	4
Dynamics of Machinery	4

Manufacturing Process lab	2
Thermal Engineering Lab	2
Heat Transfer Lab	2
Advanced English-I Lab	2
Total Credits	28
E2 Summer Sem	
Name of the Course	Credits
Design of Machine Elements II	4
Mathematics III- Probability & Statistics, Transform Calculus	4
Total Credits	8
E3 Sem1	
Name of the Course	Credits
Elective	4
Elective	4
Elective + Lab	6
Free Elective	4
Mini Project	4
Total Credits	22
E3 Sem2	
Name of the Course	Credits
Elective	4
Elective	4
Elective + Lab	6
Free Elective	4
Mini Project	4
Total Credits	22
E3 Summer Sem	
Name of the Course	Credits
Summer Internship	4
Total Credits	4
E4 Sem1	
Name of the Course	Credits
Elective	4
Elective	4
Free Elective	4
Project	6
Total Credits	18
E4 Sem2	
Name of the Course	Credits
Elective	4
Elective	4
Free Elective	4
Project	6
Community Service	2

Total Credits	20
Grand Total Credits	197

Meterolgy and Mechanical Measurements (Compulsory in E3S1)	4
Meterolgy and Mechanical Measurements Lab (Compulsory in E3S1)	2