

Modified E3 (R12) Curriculum for Dept. of Computer Science and Engineering (RKV Campus)	
E1 Sem1	
Name of the Course	Credits
Mathematics I	4
Physics (Chemistry)	4
English for Communication (Mechanics)	3
Electrical Technology (Programming and Data Structures)	4
Introduction to Manufacturing process & WSP (Engineering Drawing and Graphics)	3
Physics Lab (Chemistry Lab)	2
Electrical Technology Lab (Programming and Data Structures Lab)	2
Total Credits	22
E1 Sem2	
Name of the Course	Credits
Mathematics II	4
Physics (Chemistry)	4
Engineering Mechanics (English)	3
Programming & Data Structures (Electrical Technology)	4
Engineering Drawing and Graphics (Introduction to Manufacturing process & WSP)	3
Physics Lab (Chemistry Lab)	2
Programming & Data Structures Lab (Electrical Technology Lab)	2
Total Credits	22
E2 Sem1	
Name of the Course	Credits
Discrete Mathematics	4
DBMS	4
Data Structures	4
Introduction to Computer Science - 2	4
FLAT	4
DBMS Lab	2
Data Structures Lab	2
Introduction to Computer Science - 2 Lab	2
Total Credits	26
E2 Sem2	
Name of the Course	Credits
OOPS	4
SCLD	4
Probability and Statistics	4
DAA	4

Basic Electronics	4
OOPS Lab	2
SCLD Lab	2
Basic Electronics Lab	2
Total Credits	26
E2 Summer Sem	
Name of the Course	Credits
Foundation of Management	2
Skill Development	2
Total Credits	4
E3 Sem1	
Name of the Course	Credits
Computer Organization and Architecture	4
Introduction to Software Engineering	4
Compiler Design	4
Free Elective-I	4
Computer Organization and Architecture Lab	2
Introduction to Software Engineering Lab	2
Compiler Design Lab	2
Total Credits	22
E3 Sem2	
Name of the Course	Credits
Elective + Lab	6
Elective + Lab	6
Elective + Lab	6
Elective	2
Elective	2
Elective	2
Total Credits	24
E3 Summer Sem	
Name of the Course	Credits
Summer internship	4
Total Credits	4
E4 Sem1	
Name of the Course	Credits
Elective	2
Elective	2
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
Comprehensive Viva	2
Total Credits	20
Grand Total Credits	188

Compulsory Electives for E3SEM2	
Elective Computer Networks + Lab	6
Operating Systems + Lab	6
MAD + Lab	6
Introduction to Social Networking	2
Introduction to Data Analytics	2
Introduction to AI	2

Compulsory Electives for E4SEM1	
Introduction to Robotics	2
Introduction to Cloud Computing	2