

**Modified E1 (R14) Curriculum for Dept. of Chemical Engineering
(RKV Campus)**

E1 Sem1

Name of the Course	Credits
Mathematics-I	4
Fluid Mechanics	4
Chemical Process Calculations	4
Engineering Chemistry-I	4
Engineering Drawing	4
Engineering Chemistry-I Lab	2
Engineering Drawing Lab	2
Managerial Economics	4
Human Values	
Total Credits	28

E1 Sem2

Name of the Course	Credits
Engineering Chemistry-II	4
Chemical Engineering Thermodynamics I	4
Mathematics-II	4
Heat Transfer	4
Programming in C and Data Structures	4
Programming in C and Data Structures lab	2
Fluid Mechanics lab	2
Advanced English-I Lab	2
Total Credits	26

E1 Summer Sem

Name of the Course	Credits
Mechanical Unit Operations	4
Mathematics III	4
Total Credits	8

E2 Sem1

Name of the Course	Credits
Process Dynamics & Control	4
Chemical Reaction Engineering I	4
Chemical Engineering Thermodynamics II	4
Mass Transfer Operations I	4
Numerical Methods in Chemical Engineering	4
Advanced English-II Lab	2
Mechanical Unit Operations Lab	2
Heat Transfer Lab	2
Total Credits	26

E2 Sem2

Name of the Course	Credits
Chemical Reaction Engineering II	4

Chemical Technology	4
Mass Transfer Operations II	4
Process Equipment Design	4
Transport Phenomena	4
Advanced English-III Lab	2
Programming in Numerical Methods In Chemical Engineering	2
Process Control Lab	2
Total Credits	26
E2 Summer Sem	
Name of the Course	Credits
Chemical Reaction Engineering Lab	2
Mass Transfer Operations Lab	2
Probability and Statistics	4
Total Credits	8
E3 Sem1	
Name of the Course	Credits
Elective	4
Elective	4
Elective	4
Free Elective	4
Mini Project	4
Total Credits	20
E3 Sem2	
Name of the Course	Credits
Elective	4
Elective	4
Elective	4
Free Elective	4
Mini Project	4
Total Credits	20
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	204