



Courses offered by departments for B.Tech. Minor Degree

Computer Engineering Department

Sr. No.	Course Title	Course Code	Scheme	Credits
Semester - III				
1.	Data Structures	CS210	3-1-2	5
2.	Computer Organization	CS201	3-1-2	5
Semester – IV				
3.	Design and Analysis of Algorithms	CS206	3-1-2	5
Semester – V				
4.	Operating System	CS301	3-1-2	5
5.	Computer Networks	CS303	3-1-2	5

Chemical Engineering Department

Sr. No.	Course Title	Course Code	Scheme	Credits
Course to be offered at 2 nd year level (Semester IV)				
1.	Chemical Reaction Engineering – I	CH204	-	-
2.	Mass Transfer Operations - I	CH206	-	-

Course to be offered at 3rd year level				
(Semester - V)				
3.	Chemical Engineering Thermodynamics - II	CH303	-	-
(Semester - VI)				
4.	Instrumentation and Process Control	CH302	-	-
5.	Process Modeling and Simulation	CH306	-	-

Civil Engineering Department

Sr. No.	Course Title	Course Code	Scheme	Credits
Semester – III				
1.	Geotechnical Engineering	CE207	-	-
Semester - IV				
2.	Concrete Technology	CE204	-	-
Semester - V				
3.	Estimation and Cost Analysis	CE301	-	-
Semester - VI				
4.	Highway Engineering	CE304	-	-
5.	Water Resource Engineering	CE306	-	-

Electrical Engineering Department

Sr. No.	Course Title	Course Code	Scheme	Credits	Pre-requisite (s)
Semester - III					
1.	Electrical Machines I	EE203	3-1-2	05	-

Semester - IV					
2.	Electrical Machines II	EE204	3-1-2	05	-
3.	Elements of Power System	EE206	3-1-2	05	-
Semester - V					
4.	Power System Analysis	EE301	3-1-2	05	Element of Power System (EE206)
5.	Control Systems	EE303	3-1-2	05	-
6.	Power Electronics Converter	EE305	3-1-2	05	-
Semester - VI					
7	Power Electronics System and Electric Drive	EE304	3-1-2	05	Electrical machines I (EE203) Electrical machines II (EE203) Power Electronics Converters (EE305)

Electronics Engineering Department

Sr. No.	Course Title	Course Code	Scheme	Credits
B. Tech –II EC (Semester – III)				
1.	Electronics Circuits	EC 201	3-1-2	05
2.	Signals and Systems	EC 205	3-1-0	04
B. Tech –III EC (Semester – V)				
2.	Transmission Lines and Electromagnetic Waves	EC 301	3-1-2	05
Semester - VI				
4.	Digital Communication	EC 303	3-1-2	05
5.	Digital Integrated Circuits	EC 304	3-1-2	05

Mechanical Engineering Department

Sr. No.	Course Title	Course Code	Scheme	Credits
II Year (Semester – III)				
1.	Theory of Machines	ME203	3-1-2	05
II Year (Semester – IV)				
2.	Industrial Engineering	ME212	3-0-0	04
3.	Machine Design & Drawing	ME206	4-0-4	05
III Year (Semester – V)				
4.	Machining Processes	ME305	3-1-2	05
5.	Fluid Machines	ME301	4-0-2	05
III Year (Semester – VI)				
7	Applied Thermal Engineering	ME306	4-0-2	05