

Department of Civil Engineering
3rd Year Syllabus
2021-22

V SEMESTER

DEPARTMENT OF CIVIL ENGINEERING SCHEME OF TEACHING AND EXAMINATION V SEMESTER B.E (AUTONOMOUS SCHEME)						
Sl.No.	Subject Code	Subject	L	T	P	Cr.
1	CV5C01	Analysis of Indeterminate Structures	3	2	0	4
2	CV5C02	Fundamentals of RC Design	3	0	0	3
3	CV5C03	Hydrology and Irrigation Engineering	3	2	0	4
4	CV5C04	Fundamentals of Geotechnical Engineering	3	0	0	3
5	CV5MXX	MOOC elective	3	0	0	3
6	CV5C05	Engineering Management & Entrepreneurship	3	0	0	3
7	CV5L01	Geotechnical Engineering Laboratory	0	0	2	1
8	CV5L02	Computer Aided Drawing	0	0	2	1
9	CV5D01	Design & Drawing of Irrigation Structures	1	0	2	2
Total Credits						24
Total Contact Hrs						29

V SEMESTER (LATERAL ENTRY)

DEPARTMENT OF CIVIL ENGINEERING SCHEME OF TEACHING AND EXAMINATION V SEMESTER B.E (AUTONOMOUS SCHEME)						
Sl.No.	Subject Code	Subject	L	T	P	Cr.
1	CV5C01	Analysis of Indeterminate Structures	3	2	0	4
2	CV5C02	Fundamentals of RC Design	3	0	0	3
3	CV5C03	Hydrology and Irrigation Engineering	3	2	0	4
4	CV5C04	Fundamentals of Geotechnical Engineering	3	0	0	3
5	CV5MXX	MOOC elective	3	0	0	3
6	CV5C05	Engineering Management & Entrepreneurship	3	0	0	3
7	CV5L01	Geotechnical Engineering Laboratory	0	0	2	1
8	CV5L02	Computer Aided Drawing	0	0	2	1
9	CV5D01	Design & Drawing of Irrigation Structures	1	0	2	2
10	MA5CL1	Applied Mathematics – II	3	0	0	3
Total Credits						27
Total Contact Hrs						32

VI SEMESTER

DEPARTMENT OF CIVIL ENGINEERING SCHEME OF TEACHING AND EXAMINATION VI SEMESTER B.E (AUTONOMOUS SCHEME)						
Sl.No.	Subject Code	Subject	L	T	P	Cr.
1	CV6C01	Design of RC Structural Elements	3	0	0	3
2	CV6C02	Applied Geotechnical Engineering	3	0	0	3
3	CV6C03	Design of Steel Structures	3	0	0	3
4	CV6C04	Highway Engineering	3	0	0	3
5	CV6C05	Engineering Economics	3	0	0	3
6	CV6E1XX	Dept. Elective – 1	3	0	0	3
7	CV6L01	Highway Material Testing Lab	0	0	2	1
8	CV6L02	Computer Application Laboratory	0	0	2	1
9	CV6C06	Minor Project	0	0	..	2
10	CV6D01	Detailing of RC and Steel Structures	1	0	2	2
Total Credits						24
Total Contact Hrs						25

Sl.No.	Subject Code	MOOC Elective
1	CV5M03	Infrastructure Planning and Management
2	CV5M04	Municipal Solid Waste Management
3	CV5M05	Optimization methods for Civil Engineering
4	CV5M06	Solar Energy Engineering and Technology

Sl.No.	Subject Code	Elective –I
1	CV6E101	Alternative Building Materials & Masonry Structures
2	CV6E102	Matrix Methods of Structural Analysis
3	CV6E103	Sustainable Technologies and Green Building concepts
4	CV6E104	Hydraulic Structures
5	CV6E105	Remote Sensing and GIS