

R10**E1S1**

Course Code	Name of the Course	Credits
MA1101	Mathematics I	4
PH1101, CY1101	Physics (Chemistry)	4
HS1101, ME1101	English for Communication (Mechanics)	3
EE1101, CS1101	Electrical Technology (Programming and Data Structures)	4
ME1102, CE1101	Introduction to Manufacturing process & WSP (Engineering Drawing and Graphics)	3
PH1701, CY1701	Physics Lab (Chemistry Lab)	2
EE1701, CS1701	Electrical Technology Lab (Programming and Data Structures Lab)	2
	Total Credits	22

E1S2

Course Code	Name of the Course	Credits
MA1202	Mathematics II	4
PH1201, CY1201	Physics (Chemistry)	4
ME1201, HS1201	Engineering Mechanics (English)	3
CS1201, EE1201	Programming & Data Structures (Electrical Technology)	4
CE1201, ME1202	Engineering Drawing and Graphics (Introduction to Manufacturing process & WSP)	3
PH1801, CY1801	Physics Lab (Chemistry Lab)	2
CS1801, EE1801	Programming & Data Structures Lab (Electrical Technology Lab)	2

	Total Credits	22

E2S1

Course Code	Name of the Course	Credits
CE2101, CE2701	Surveying + Lab	6
CE2102	Construction materials and introduction to design	4
CE2103, CE2702	Mechanics of solids + Lab	6
CE2104	Geo sciences	4
MA2103	Mathematics - 3	4
	Total Credits	24

E2S2

Course Code	Name of the Course	Credits
CE2201, CE2801	Mechanics of fluids + Lab	6
CE2202	Water resources engineering	4
CE2203	structural analysis	4
EC2201, EC2801	Introduction to electronics + Lab	6
CS2201	Design of algorithms	4
	Total Credits	24

E3S1		
Course Code	Name of the Course	Credits
CE3101, CE3701	Transportation engineering + Lab	6
CE3102, CE3702	Soil mechanics + Lab	6
CE3103	Hydraulics engineering	4
CE3803	Design of concrete structures + Lab	6
	Breadth - I	3
	Total Credits	25
E3S2		
Course Code	Name of the Course	Credits
CE3201, CE3801	Environmental engineering + Lab	6
CE3202, CE3802	Building science + Lab	6
CE3203, CE3803	Design of steel structures + DCS Lab	6
CE3204	Foundation Engineering	4
	Breadth - II	3
	Total Credits	25
E3 Summer Sem		
Course Code	Name of the Course	Credits
CH3301	Summer internship	8
	Total Credits	8

E4S1

Course Code	Name of the Course	Credits
CE4101,CE470	Construction engineering + Lab	6
	Elective - I	3
	Free elective - I	3
	Breadth - III	3
CE4700	Project	6
	Total Credits	21

E4S2

Course Code	Name of the Course	Credits
	Elective - II	4
	Elective - III	4
	Free elective - II	4
CE4800	Project	6
	Comprehensive viva voice	2
	Total Credits	20

Grand Total Credits 191