

SEMESTER I

Subject Name	Subject Type	Subject Code	Subject Credit
Mathematics-I	Basic Science	2BS1101	4
Communication Skills	Humanity and Social Science	2HS1101	3
Physics	Basic Science	2BS1103	3
Engineering Graphics	Engineering Science	2ES1101	4
Workshop Practice	Engineering Science	2ES1102	2
Elements of Civil Engineering	Engineering Science	2ES1106	4

SEMESTER II

Subject Name	Subject Type	Subject Code	Subject Credit
Mathematics - II	Basic Science	2BS1102	4
Basic Electrical Engineering	Engineering Science	2ES1103	4
Programming for Problem Solving	Engineering Science	2ES1104	4
Elements of Mechanical Engineering	Engineering Science	2ES1105	4
Engineering Mechanics	Engineering Science	2ES1107	4
Computer Aided Drawing	Engineering Science	2ES1108	1

SEMESTER**III**

Subject Name	Subject Type	Subject Code	Subject Credit
Mathematics for Civil Engineering	Basic Science	2BS3103	4
Mechanics of Structures	Professional Core	2CI3102	4
Construction Materials and Engineering Geology	Professional Core	2CI3103	3
Numerical Analysis & Computer Programming	Professional Core	2CI3106	4
Building & Town Planning	Professional Core	2CI3107	4
Fluid Mechanics	Professional Core	2CI3108	4

**SEMESTER
IV**

Subject Name	Subject Type	Subject Code	Subject Credit
Structural Analysis I	Professional Core	2CI4101	4
Concrete Technology	Professional Core	2CI4106	4
Surveying Techniques	Professional Core	2CI4107	4
Construction Technology	Professional Core	2CI4108	4
Transportation Systems	Professional Core	2CI4109	3

**SEMESTER
V**

Subject Name	Subject Type	Subject Code	Subject Credit
Structural Analysis – II	Professional Core	2CI5101	4
Hydrology and Water Resources Engineering	Professional Core	2CI5102	4
Geotechnical Engineering	Professional Core	2CI5103	4
Elements of Structural Design	Professional Core	2CI5104	4
Basic Environmental Engineering	Professional Core	2CI51PE1	4
ICT for Development	Professional Core	2CI510E1	2
Aptitude Skill Building. I	Humanity and Social Science	2HS5101	1

**SEMESTER
VI**

Subject Name	Subject Type	Subject Code	Subject Credit
Design of Steel structure	Professional Core	2CI6101	4
Advanced Surveying	Professional Core	2CI6102	4
Foundation Engineering	Professional Core	2CI6103	4
Estimating and Costing	Professional Core	2CI6104	4
Metro System and Engineering	Professional Core	2CI610E1	2
Environmental Analysis & Designing	Professional Core	2CI61PE1	4
Aptitude Skill Building..II	Humanity and Social Science	2HS6101	1

**SEMESTER
VII**

Subject Name	Subject Type	Subject Code	Subject Credit
Design of Concrete Structure	Professional Core	2CI7101	4
Professional Practice and Valuation	Professional Core	2CI7102	5
Highway and Traffic Engineering	Professional Core	2CI7103	4
Irrigation Engineering	Professional Core	2CI7104	3
Civil Engineering Project- I	Specialization	2CI7105	3
Earthquake Engineering	Professional Elective	2CI71PE1	4
Transportation & Airport Engineering	Professional Elective	2CI71PE2	4

**SEMESTER
VIII**

Subject Name	Subject Type	Subject Code	Subject Credit
Advanced Structural Design	Professional Core	2CI8101	4
Construction Management	Professional Core	2CI8102	4
Urban Planning	Professional Core	2CI8103	4
Advance Construction Techniques	Professional Core	2CI8104	3
Civil Engineering Project - II	Specialization	2CI8105	3
Industrial Training Seminar	Regular	2CI8106	1
Advanced Earthquake Engineering	Professional Elective	2CI81PE1	4
Urban & Harbour Transportation Engineering	Professional Elective	2CI81PE2	4

