

**Civil Engineering Department**  
**UG Project Details**

Academic Year - 2016-17

Sr no.	Area of civil engg.	Title of project
1	Structural Engineering	Design of an industrial steel structure and comparative study with pre-engineered building
2	Structural Engineering	Design of high rise (G+10) RC building using two different structural system and their comparative study
3	Structural Engineering	Parametric study of behaviour of different structural features of the building during earthquake
4	Structural Engineering	Design of high rise school building in coastal area using E-tab
5	Transportation Engineering	Traffic survey and improvement of intersection at janta crossing, Anand
6	Transportation Engineering	Case study on expansion of BRTS routes over the existing AMTS routes
7	Transportation Engineering	Experimental study of using crumb rubber in rigid pavements
8	Transportation Engineering	Parametric study of road construction
9	Transportation Engineering	Assessment of performance of bitumen with additives on short term aging and design of bitumen concrete mix
10	Construction Management	Study of construction project as a project management – A case Study
11	Construction Management	Study of construction project management through case study and application of software
12	Construction Management	Application of project management technique on construction of commercial building
13	Estimation and Costing of Construction Projects	Cost estimation of high-rise building and comparison with SOR and current market value
14	Environmental engineering and Water Resource Mngt	"Swajaldhara programme" - in village water supply system
15	Environmental engineering and Water Resource Mngt	To study of water quality of Gomti lake (Dakor) and suggest cleaning methods & equipments
16	Geotechnical Engineering	Soil stabilization for the sub-grade soil using natural and chemical additives
17	Field Work Projects	Vishwakarma Yojna - Creation of infrastructure for villages interms of connectivity, civic and social infrastructure