

Civil Engineering Department UG Project Details

Academic Year - 2017-18

Sr no.	Area of civil engg.	Title of project
1	Structural Engineering	Comparative study on various earthquake analysis method of RCC structure
2	Structural Engineering	Comparison of Seismic analysis for G + 15 Rcc building of frame structure with tube structure by using STAAD PRO
3	Structural Engineering	Experimental study on the silica fume of cement and sand dust as a partial replacement in cement.
4	Structural Engineering	Conditional assesment , evaluation and repair of old structure
5	Structural Engineering	Mechanical and Durability Properties Study Of Alcofine Based Concrete
6	Structural Engineering	Evolution of fly-ash bricks using industrial waste materials
7	Structural Engineering	Comparative Analysis and Design of Conventional roof truss
8	Transportation Engineering	Highway material testing and design of pavement
9	Transportation Engineering	Traffic control in urban city
10	Construction Management	Planning Of Energy Efficient Residential Building Under Green Building Parameters
11	Town Planning	STAR City
12	Town Planning	Building Planning
13	Estimation and Costing of Construction Projects	Estimation and costing of a building for invitation of tender at Anand district
14	Estimation and Costing of Construction Projects	Application of value engineering in building construction project
15	Environmental Engg and Water Resource Mngt	Environmental audit – Case Study
16	Environmental Engg and Water Resource Mngt	Noise pollution analysis at G.I.D.C. Vithal Udhyognagar, Vidyanagar
17	Environmental Engg and Water Resource Mngt	Design of Roof Top Rainwater Harvesting System at Girls Hostel of A.D.I.T. Campus at New Vidhyanagar, Anand District.
18	Geotechnical Engineering	Role Of Geotechnical Investigation In Seismic Hazard Assessment
19	Field Work Projects	Vishwakarma yojna - Phase V (GTU) - Creation of infrastructure for villages interms of connectivity, civic and social infrastructure