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## CIVIL B.TECH MAJOR PROJECT LIST 2018

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| **S.NO** | **PROJECT TITLE** |
|  | Effect of Earth quack load and wind load on Residential Building By ETABS |
|  | Experimental study on the replacement of cement by Egg shell powder |
|  | Lateral Load Resisting System Of Building By Using Different Types Of Bracings By ETABS |
|  | Mixing Ratio in Concrete |
|  | Multi Story Building Design By ETABS |
|  | Utilization of Demolished concrete waste for new construction |
|  | Circular Water Tank Design By STAAD PRO |
|  | Pavement Design |
| 9 | Strength properties of concrete by using Rice Husk ash |
| 10 | Shear Wall Design By Using STAAD PRO |
| 11 | Experimental investigation for recycled coarse aggregate replaced for natural coarse aggregate in concrete |
| 12 | Experimental study on Copper slag as fine aggregates in concrete |

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| 13 | Study on Bamboo as Reinforcement in cement concrete |
| 14 | Auditorium Design By STAAD PRO |
| 15 | Suitability of Brick bats as coarse aggregates in concrete |
| 16 | Theoretical analysis of soil nailing ,design ,performance and future aspect |
| 17 | Earth quack Resistant Building Design By Using Dampers  |
| 18 | Experimental study on contaminated groundwater |
| 19 | Quality control in high way engineering |
| 20 | Non-Linear Dynamic analysis of Multi story Building |
| 21 | Drinking water standards, testing and treatment. |
| 22 | Mix design of self compacting concrete |
| 23 | Effect of wind load on different terrain categories |
| 24 | Analysis and design of Building for different Plan configuration |
| 25 | Workability of self compacting concrete |
| 26 | Dynamic response of High Rise structures under influence of Shear walls |
| 27 | Experimental study on concrete by replacement of cement by glass powder |
| 28 | Flexible pavement design by CBR method |
| 29 | Experimental Study Steel fiber Reinforced concrete |
| 30 | Effect of Wind Load on Tall Buildings by ETABS |
| 31 | Intermittent curing of M20 and M30 grade concrete |
| 32 | Experimental study on replacement of fine aggregate by quarry dust in concrete |
| 33 | Red mud as Partial replacement of cement in concrete |
| 34 | Comparison study of lateral load resisting systems of multistoried building by considering high seismic zone |
| 35 | Sewage analysis and treatment |
| 36 | Study of liquefaction of soil |
| 37 | Laboratory study on soil stabilization using fly ash mixtures |
| 38 | Open Ground Story Building Design By ETABS |
| 39 | Partial Replacement of Coarse aggregates by Polystyrene Beds in concrete |
| 40 | Steel fiber Reinforced concrete |
| 41 | Apartment Building design by STAAD PRO |
| 42 | Determination of Road Profile in an area |
| 43 | G+21 story Building design by STAAD PRO or ETABS |
| 44 | Estimation and costing of General 2BHK Building |
| 45 | Analysis of Traffic Flow |
| 46 | Push over analysis of G+10 Story Building by ETABS |
| 47 | Usage of Plastic waste for the Soil stabilization |
| 48 | Chimney design by using SAP2000 |
| 49 | Study on strength properties of concrete by using polypropylene fibers |
| 50 | Behavior of Reinforced Concrete Beams with Coconut shells as Coarse aggregates  |
| 51 | Single Column Building Design By STAAD PRO |
| 52 | Mechanical properties Concrete by using Metakaoline as Cement |
| 53 | Study on effect of molasses on strength of soil  |
| 54 | Irrigation System analysis |
| 55 | Rubber isolator Building design |
| 56 | Water supply and sanitation study for village |
| 57 | Ground Improvement techniques |
| 58 | Effect of wind load on high rise buildings by using ETABS  |
| 59 | Drip irrigation Design |
| 60 | Composite Column Building Design By ETABS |

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