



CIVIL M.Tech/M.E Projects List

S.no	SIMULATION	ANALYSIS & DESIGN
1	Seismic Structural Design Of An Office Building In Anantapur	STAAD PRO
2	Analysis And Design Of High Rise Building Frames	STAAD PRO
3	Dynamic Analysis Of Residential Building In Zone2 And Zone5	ETABS v9.7.4
4	Analysis And Design Of Shear Wall For An Earthquake Resistant Building Using ETABS	ETABS v9.7.4
5	Analysis And Design Of Multistory Apartment Building Using ETABS	ETABS v9.7.4
6	Analysis And Design Of G+6 Building In Different Seismic Zones Of India	STAAD PRO
7	Non-Linear Time History Analysis Of Tall Structure For Seismic Load Using Damper SAP 2000	SAPV2000
8	Behavior Of Symmetric And Asymmetric Structure In High Seismic Zone By SAP2000	SAP V 2000
9	Analysis Of G+30 High-Rise Buildings By Using Etabs For Various Frame Sections In Zoneiv And Zonev	ETABS v9.7.4
10	Retrofitting Of Reinforced Concrete Frames Using Steel Bracings	ETABS v9.7.4

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11	Structural Analysis Of A Multi-Storeyed Building For Different Plan Configurations	ETABS v9.7.4
12	Analysis And Design Of Multi Storied Building	ETABS v9.7.4
13	Comparative Study On Lateral Load Resisting System In High-Rise Building Using ETABS	ETABS v9.7.4
14	Study On The Effect Of Dampers For Rcc Frame Structure By Sap2000	SAP V 2000
15	Comparison Of Analysis And Design Of Regular And Irregular Configuration Of Multi-Story Building In Various Seismic Zones And Various Types Of Soils	STAAD PRO ETABS v9.7.4
16	Comparative Analysis And Design Of Flat And Grid Slab System With Conventional Slab System By Etabs	ETABS v9.7.4
17	Design Of Circular Water Tank	STAAD PRO
18	Dynamic Analysis Of Industrial Steel Structure By Using Bracings And Dampers Under Wind Load And Earthquake Load SAP 2000	SAP V 2000
19	Design Of Residential Apartment Building	STAAD PRO
20	Structural Design Of Concrete Structure	ETABS v9.7.4
21	Analysis And Design Of Multistory Building With Grid Slab	ETABS v9.7.4

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22	Effect Of Wind Load On Tall Buildings In Different Terrain Category	ETABS v9.7.4
23	Earth Quack Analysis Of Multi Storied Residential Building-A Case Study	ETABS v9.7.4
24	Seismic Performance Evaluation Of RC Building Connected With And Without X-Braced Friction Dampers	ETABS v9.7.4
25	Dynamic Response Of High Rise Structures Under The Influence Of Shear Walls	ETABS v9.7.4
26	Study Of Behavior Of Seismic Evaluation Of Multistoried Building With Floating Columns	ETABS v9.7.4
27	Seismic Analysis Of Regular And Irregular Buildings With Vertical Irregularity Using Staad.Pro	STAAD Pro V8i
28	Planning And Design Of The Main Building Of Five Star Hotel	STAAD PRO
29	Analysis And Design Of Tall Building Subjected To Wind And Earthquake Loads	ETABS v9.7.4
30	Effect Of Wind On Tall Building Frames-Influence Of Aspect Ratio	STAAD PRO
31	Seismic Analysis And Design Of INTZE Type Water Tank By SAP2000	SAP V 2000
32	Seismic Analysis Of Regular And Vertical Geometric Irregular Rcc Framed Building	STAAD PRO
33	Comparison Of Seismic Behavior Of A Typical Multi-Storey	ETABS v9.7.4

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	Structure With Composite Columns And Steel Columns	
34	Dynamic Analysis Of Multi-Story Building For Different Shapes	ETABS v9.7.4
35	Study Of Lateral Load Resisting Systems Of Variable Heights In All Soil Types Of High Seismic Zone	ETABS v9.7.4
36	Shear Wall Analysis And Design Optimization In Case Of High Rise Buildings	ETABS v9.7.4
37	Seismic Analysis Of A Building	ETABS v9.7.4
38	Study Of Seismic Behavior Of Building With Different Positions And Types Of Floating Column By Etabs	ETABS v9.7.4
39	Comparative Study Of Static And Dynamic Seismic Analysis Of Multistoried RCC Building	ETABS v9.7.4
40	Design And Analysis Of Multi Storeyed Building Under Static And Dynamic Loading Conditions	ETABS v9.7.4
41	Design, Analysis And Comparison Of Underground Rectangular Water Tank By Using STAAD Provi8 Software	STAAD Pro V8i
42	Earthquake Resistant Design Of Open Ground Storey Building	ETABS v9.7.4
43	A Comparative Study On Rcc Structure With And Without Shear Wall	SAP2000 V19
44	Comparative Study On Regular & Irregular Structures Using	ETABS v9.7.4

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	Equivalent Static And Response Spectrum Methods By Etabs	
45	Analysis And Design Of Multi Storied Building For Vertical And Horizontal Loading With And Without Dampers	SAP2000 V19
46	Comparative Analysis Of G+1 Structure With And Without Floating Column	SAP2000 V19
47	Non-Linear Pushover Analysis Of Flat Slab Building	SAP2000 V19
48	Design Of A Structure Supported On Single Column Office Building By Staad Pro	STAAD Pro
49	Nonlinear Static Analysis For Rc Framed Residential Building	SAP2000 V19
50	A Case Study On Inelastic Seismic Analysis Of Six Storey Rc Building	SAP2000 V19
51	Static And Dynamic Analysis Of Regular And Irregular Shape Building With Or Without Shearwall By Etabs	ETABS v9.7.4
52	Comparison Between Seismic Analysis And Non-Seismic Analysis Of G+17 Building	SAP2000 V19
53	Analytical Study Of Braced Unsymmetrical Rcc Building	SAP2000 V19
54	Seismic Evaluation Of Irregular Structures	SAP2000 V19
55	Comparison Between Seismic Analysis And Non-Seismic	

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	Analysis Of G+17 Building By SAP2000	
56	Behavior Of Symmetric And Asymmetric Structure In High Seismic Zone	SAP2000 V19
57	Analysis And Design Of Commercial Building In Different Seismic Zones By Etabs	ETABS v9.7.4
58	Dynamic Analysis Of Industrial Steel Structure By Using Bracings And Dampers Under Wind Load And Earthquake Load	SAP2000 V19
59	Analysis Of Set Back Step-Back Building Resting On Sloping Ground By Etabs	ETABS v9.7.4
60	Dynamic Analysis Of Multi-Storey Rcc Building	SAP2000 V19
61	Non-Linear Time History Analysis Of Tall Structure For Seismic Load Using Damper	SAP2000 V19
62	Dynamic Analysis Of Multi-Storey Building For Different Shapes In Different Seismic Zones By Etabs	ETABS v9.7.4
63	Analysis And Design Of Multi Storied Building For Vertical And Horizontal Loading With And Without Dampers By SAP2000	SAP V 2000
64	Design And Analysis Of Bridge Design Using Staad Pro	STAAD Pro V8i
65	Performance Of High-Rise Steel Building With And Without	ETABS v9.7.4

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	Bracings	
66	Evaluating Seismic Efficiency Of Combination Of Bracing For Steel Building	ETABS v9.7.4
67	Sesemic Analysis Of High Rise Building With And Without Floating Column	ETABS v9.7.4
68	Comparative Study Of RCC Building And Steel Building By Using Response Spectrum Analysis	ETABS v9.7.4
69	Response Spectrum Analysis Of G+30 Storied Building For Different Seismic Zones By Using Etabs	ETABS v9.7.4
70	Effect Of Diaphragm Discontinuity On Multi Story Building By Etabs	ETABS v9.7.4
71	Analysis Of Low Rise, Medium Rise, High Rise Buildings For Different Terrain Categories	ETABS v9.7.4
72	A Comparative Study Of RC Column And Composite Column With Flat Slab System Using Linear Static Analysis And Push Over Analysis By ETABS	ETABS v9.7.4
73	Analysis Of G+20 RC Building In Different Zones	ETABS v9.7.4

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CONCRETE PROJECTS	
74	Study And Analysis Of Concrete Strength Parameters Using Red Mud As A Partial Replacement Of Binder Content With And Without Hydrated Lime
75	An Experimental Study On Rubberized Concrete
76	Experimental Study On Properties Of Strength And Durability Of Concrete By Partial Replacement Of Fine Aggregate With Copper Slag And Cement With Egg Shell Power For M30 And M40 Grade Of Concrete
77	Experimental Investigation On Strength And Durability Parameters Of Concrete Replacing Cement By Glass Powder In Concrete With Different Dosages For M25 And M30 Grade Concrete
78	Effect Of Nano Silica On The Compressive Strength Of Concrete
79	Stress-Strain Behavior Of Confined Normal Grade Concrete
80	Experimental Investigation On Partial Replacement Of Cement With Dolomite Powder
81	Behavior Of Geopolymer Concrete
82	Study Of Concrete Made Using Fly Ash Aggregates
83	Mechanical Behavior Of Self-Compacting And Self-Curing Concrete

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84	An Experimental Investigation On Mechanical Properties Of Concrete With Grapheme Oxide
85	Effect Of Different Steel Fibers On Strength Parameters Of Self-Compacting Concrete
86	Partial Replacement Of Cement By Ground Granulated Blast Furnace Slag In Concrete
87	Effect Of Fiber Length And Percentage Of Sisal On Strength Of Concrete
88	Strength And Permeability Properties Of Concrete Using Fly Ash, Rice Husk Ash And Egg Shell Powder
89	Effect Of Replacement Of Natural Sand By Manufactured Sand On The Properties Of Cement Mortar
90	Utilization Of Demolished Concrete Waste For New Construction
91	Experimental Study On Geo Polymer Concrete By Using Glass Fibers
92	A Study On Behavior Of Marble Dust In Concrete Pavement
93	The Suitability Of Crushed Over Burnt Bricks As Coarse Aggregates For Concrete
94	Experimental Investigations Of Coarse Aggregate Recycled Concrete
95	Experimental Investigation On Strength Of Glass Power Replacement By Cement In Concrete With Different Dosages
96	Partial Replacement Of Coarse Aggregates By Expanded Polystyrene Beds In Concrete

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97	Improvement Of Strength Of Concrete With Partial Replacement Of Coarse Aggregates With Coconut Shell And Coir Fibers
98	Application And Properties Of Fiber Reinforced Concrete
99	Strength And Durability Properties Of Concrete With Partial Replacement Of Cement With Metakaolin And Marble Dust
100	Study On Strength And Durability Of Concrete By Using Municipal Sewage As Cement
101	Effect On Strength Properties Of Concrete By Using Waste Wood Powder As Partial Replacement Of Cement
102	A Study On Mechanical Properties Of Cement Concrete By Partial Replacement Of Fine Aggregates With Bottom Ash
103	Experimental Study On Strength And Durability Of Bacterial Concrete By Using Two Different Types Of Bacteria For Two Different Grade Of Concrete
104	Study On Mechanical Properties Of Concrete By Replacing Sand With Manufactured Sand For M40 Grade Concrete
105	To Study The Partial Replacement Of Cement By GGBS & RHA And Natural Sand By M Sand In M30 Grade Concrete
106	Characteristics Of Concrete By Using Various Types Of Steel Fibers (Straight Fiber,

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	Crimped Fiber And Hooked Fiber)
107	A Study On Strength Of Fibre Reinforced Concrete With Partial Replacement Of Cement With Quarry Dust And Metakaolin
108	Characteristics Of Strength Of Geo Polymer Concrete With Two Different Grades M25 And M30 By Replacing Of M-Sand,GGBS
109	Strength And Durability Of Concrete By Using Demolished Concrete Waste For Coarse Aggregates.
110	A Study On Strength Properties Of Concrete Replacing Partially The Natural Coarse Aggregates With Recycled Aggregates
111	Strength Behavior Of Geopolymer Concrete With Partial Replacement Of Coarse Aggregate By Brick Bats.
112	Experimental Studies On Concrete Utilising Red Mud As A Partial Replacement Of Cement With Hydrated Lime.
113	Effects of Nanosilica Additions on Mechanical Performance of Concrete
114	Experimental Investigation on Concrete using Egg Shell Powder, Metakaolin and Rice Husk Ash.
115	Strength properties of concrete using crumb rubber with partial replacement of fine

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	aggregates
116	Study on Mechanical Properties of Concrete with Various Slags (copper slag (CS), granulated blast furnace slag (GBFS) and silicomanganese slag (simn)) as Replacement to Fine Aggregate
117	Mechanical properties of concrete with partial replacement of Portland cement by clay Brick powder
118	Saw Dust Ash as Partial Replacement for Cement in Concrete
119	Effect of Partial Replacement of Cement by Fly Ash, Rice Husk Ash with Using Steel Fiber in Concrete
TRANSPORTATION ENGINEERING	
120	A detailed study of CBR method flexible pavement design
121	A study on the performance of flexible pavements
122	National Highway Design-A case study of kadapa to Kurnool National highway
123	Designing pavement for a typical village road in india-A case study
124	Design of flexible pavements by various methods and their cost analysis of each method
125	Pavement design
126	Recycled asphalt pavement mixtures for road construction

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127	Study of stone matrix asphalt for the flexible pavement
128	Application of waste plastic as an effective construction material in flexible pavements
129	Influence of coarse aggregates shape factors on bituminous mixtures
130	Feasibility of copper slag-fly ash mix as a road construction material
GEOTECHNICAL ENGINEERING	
131	Improvement in CBR value of soil reinforced with jute fibers
132	Improvement of soil stability using shredded Tyre
133	STABILIZATION OF SOIL USING Rice Husk Ash
134	Theoretical analysis of soil nailing, design, performance and future aspects
135	Improvement of soil characteristics using jute geo textile
136	Laboratory study on soil stabilization using fly ash mixtures
137	Soil stabilization using waste fiber materials
138	Usage of plastic waste for the stabilization of soil
139	Response of Pile Group against Cyclic Lateral Loads
140	A case study of piling project and testing

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