

# FINAL YEAR PROJECTS

**BE, ME, BTech, MTech, MCA**

**BCA, B.Sc, MBA**

**Call & Whatsapp:**

**+ 91 7019280372**



**[www.makefinalyearproject.com](http://www.makefinalyearproject.com)**

**[www.igeekstechnologies.com](http://www.igeekstechnologies.com)**

**[nanduigeeks2010@gmail.com](mailto:nanduigeeks2010@gmail.com)**

## IEEE PROJECTS

# 2021-2022

**EMBEDDED | SOFTWARE | MECHANICAL | CIVIL  
MALLESWARAM | JAYANAGAR**

## **ACADEMIC PROJECTS:**

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## CIVIL PROJECT LIST BASED ON E-TABS/STAD PRO/ANSYS

1	SEISMIC STRUCTURAL DESIGN OF AN OFFICE BUILDING IN BANGALORE
2	ANALYSIS AND DESIGN OF HIGH-RISE BUILDING FRAMES
3	DYNAMIC ANALYSIS OF RESIDENTIAL BUILDING IN ZONE2 AND ZONE5
4	ANALYSIS AND DESIGN OF SHEAR WALL FOR AN EARTHQUAKE RESISTANT BUILDING USING ETABS
5	ANALYSIS AND DESIGN OF MULTI-STORY APARTMENT BUILDING USING ETABS
6	ANALYSIS AND DESIGN OF G+6 BUILDING IN DIFFERENT SEISMIC ZONES OF INDIA
7	NON-LINEAR TIME HISTORY ANALYSIS OF TALL STRUCTURE FOR SEISMIC LOAD USING DAMPER SAP 2000
8	BEHAVIOR OF SYMMETRIC AND ASYMMETRIC STRUCTURE IN HIGH SEISMIC ZONE BY SAP2000
9	ANALYSIS OF G+30 HIGH-RISE BUILDINGS BY USING ETABS FOR VARIOUS FRAME SECTIONS IN ZONEIV AND ZONEV
10	RETROFITTING OF REINFORCED CONCRETE FRAMES USING STEEL BRACINGS
11	STRUCTURAL ANALYSIS OF A MULTI-STORIED BUILDING FOR DIFFERENT PLAN CONFIGURATIONS
12	ANALYSIS AND DESIGN OF MULTI STORIED BUILDING
13	COMPARATIVE STUDY ON LATERAL LOAD RESISTING SYSTEM IN HIGH-RISE BUILDING USING ETABS
14	STUDY ON THE EFFECT OF DAMPERS FOR RCC FRAME STRUCTURE BY SAP2000
15	COMPARISON OF ANALYSIS AND DESIGN OF REGULAR AND IRREGULAR CONFIGURATION OF MULTI-STORY BUILDING IN VARIOUS SEISMIC ZONES AND VARIOUS TYPES OF SOILS
16	COMPARATIVE ANALYSIS AND DESIGN OF FLAT AND GRID SLAB SYSTEM WITH CONVENTIONAL SLAB SYSTEM BY ETABS
17	DESIGN OF CIRCULAR WATER TANK
18	DYNAMIC ANALYSIS OF INDUSTRIAL STEEL STRUCTURE BY USING BRACINGS AND DAMPERS UNDER WIND LOAD AND EARTHQUAKE LOAD SAP 2000
19	DESIGN OF RESIDENTIAL APARTMENT BUILDING
20	STRUCTURAL DESIGN OF CONCRETE STRUCTURE
21	ANALYSIS AND DESIGN OF MULTISTORY BUILDING WITH GRID SLAB
22	EFFECT OF WIND LOAD ON TALL BUILDINGS IN DIFFERENT TERRAIN CATEGORY
23	EARTH QUACK ANALYSIS OF MULTI STORIED RESIDENTIAL BUILDING-A CASE STUDY
24	SEISMIC PERFORMANCE EVALUATION OF RC BUILDING CONNECTED WITH AND WITHOUT X-BRACED FRICTION DAMPERS
25	DYNAMIC RESPONSE OF HIGH-RISE STRUCTURES UNDER THE INFLUENCE OF SHEAR WALLS
26	STUDY OF BEHAVIOUR OF SEISMIC EVALUATION OF MULTISTORIED BUILDING WITH FLOATING COLUMNS
27	SEISMIC ANALYSIS OF REGULAR AND IRREGULAR BUILDINGS WITH VERTICAL IRREGULARITY USING STAAD.PRO
28	PLANNING AND DESIGN OF THE MAIN BUILDING OF FIVE STAR HOTEL
29	ANALYSIS AND DESIGN OF TALL BUILDING SUBJECTED TO WIND AND EARTHQUAKE LOADS
30	EFFECT OF WIND ON TALL BUILDING FRAMES-INFLUENCE OF ASPECT RATIO
31	SEISMIC ANALYSIS AND DESIGN OF INTZE TYPE WATER TANK BY SAP2000
32	SEISMIC ANALYSIS OF REGULAR AND VERTICAL GEOMETRIC IRREGULAR RCC FRAMED BUILDING
33	COMPARISON OF SEISMIC BEHAVIOR OF A TYPICAL MULTI-STORY STRUCTURE WITH COMPOSITE COLUMNS AND STEEL COLUMNS
34	DYNAMIC ANALYSIS OF MULTI-STORY BUILDING FOR DIFFERENT SHAPES
35	STUDY OF LATERAL LOAD RESISTING SYSTEMS OF VARIABLE HEIGHTS IN ALL SOIL TYPES OF HIGH SEISMIC ZONE
36	HEAR WALL ANALYSIS AND DESIGN OPTIMIZATION IN CASE OF HIGH-RISE BUILDINGS
37	SEISMIC ANALYSIS OF A BUILDING
38	STUDY OF SEISMIC BEHAVIOR OF BUILDING WITH DIFFERENT POSITIONS AND TYPES OF FLOATING COLUMN BY ETABS
39	COMPARATIVE STUDY OF STATIC AND DYNAMIC SEISMIC ANALYSIS OF MULTISTORIED RCC BUILDING

40	DESIGN AND ANALYSIS OF MULTI STORIED BUILDING UNDER STATIC AND DYNAMIC LOADING CONDITIONS
41	DESIGN, ANALYSIS AND COMPARISON OF UNDERGROUND RECTANGULAR WATER TANK BY USING STAAD PROVI8 SOFTWARE
42	EARTHQUAKE RESISTANT DESIGN OF OPEN GROUND STORY BUILDING
43	A COMPARATIVE STUDY ON RCC STRUCTURE WITH AND WITHOUT SHEAR WALL
44	COMPARATIVE STUDY ON REGULAR & IRREGULAR STRUCTURES USING 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
46	COMPARATIVE ANALYSIS OF G+1 STRUCTURE WITH AND WITHOUT FLOATING COLUMN
47	NON-LINEAR PUSHOVER ANALYSIS OF FLAT SLAB BUILDING
48	DESIGN OF A STRUCTURE SUPPORTED ON SINGLE COLUMN OFFICE BUILDING BY STAAD PRO
49	NONLINEAR STATIC ANALYSIS FOR RC FRAMED RESIDENTIAL BUILDING
50	A CASE STUDY ON INELASTIC SEISMIC ANALYSIS OF SIX STOREY RC BUILDING
51	STATIC AND DYNAMIC ANALYSIS OF REGULAR AND IRREGULAR SHAPE BUILDING WITH OR WITHOUT SHEARWALL BY ETABS
52	COMPARISON BETWEEN SEISMIC ANALYSIS AND NON-SEISMIC ANALYSIS OF G+17 BUILDING
53	ANALYTICAL STUDY OF BRACED UNSYMMETRICAL RCC BUILDING
54	SEISMIC EVALUATION OF IRREGULAR STRUCTURES
55	COMPARISON BETWEEN SEISMIC ANALYSIS AND NON-SEISMIC ANALYSIS OF G+17 BUILDING BY SAP2000
56	BEHAVIOR OF SYMMETRIC AND ASYMMETRIC STRUCTURE IN HIGH SEISMIC ZONE
57	ANALYSIS AND DESIGN OF COMMERCIAL BUILDING IN DIFFERENT SEISMIC ZONES BY ETABS
58	DYNAMIC ANALYSIS OF INDUSTRIAL STEEL STRUCTURE BY USING BRACINGS AND DAMPERS UNDER WIND LOAD AND EARTHQUAKE LOAD
59	ANALYSIS OF SET BACK STEP-BACK BUILDING RESTING ON SLOPING GROUND BY ETABS
60	DYNAMIC ANALYSIS OF MULTI-STORY RCC BUILDING
61	NON-LINEAR TIME HISTORY ANALYSIS OF TALL STRUCTURE FOR SEISMIC LOAD USING DAMPER
62	DYNAMIC ANALYSIS OF MULTI-STORY BUILDING FOR DIFFERENT SHAPES IN DIFFERENT SEISMIC ZONES BY ETABS
63	ANALYSIS AND DESIGN OF MULTI STORIED BUILDING FOR VERTICAL AND HORIZONTAL LOADING WITH AND WITHOUT DAMPERS BY SAP2000
64	DESIGN AND ANALYSIS OF BRIDGE DESIGN USING STAAD PRO
65	PERFORMANCE OF HIGH-RISE STEEL BUILDING WITH AND WITHOUT BRACINGS
66	EVALUATING SEISMIC EFFICIENCY OF COMBINATION OF BRACING FOR STEEL BUILDING
67	SEISMIC ANALYSIS OF HIGH-RISE BUILDING WITH AND WITHOUT FLOATING COLUMN
68	COMPARATIVE STUDY OF RCC BUILDING AND STEEL BUILDING BY USING RESPONSE SPECTRUM ANALYSIS
69	RESPONSE SPECTRUM ANALYSIS OF G+30 STORIED BUILDING FOR DIFFERENT SEISMIC ZONES BY USING ETABS
70	EFFECT OF DIAPHRAGM DISCONTINUITY ON MULTI STORY BUILDING BY ETABS
71	ANALYSIS OF LOW RISE, MEDIUM RISE, HIGH RISE BUILDINGS FOR DIFFERENT TERRAIN CATEGORIES
72	A COMPARATIVE STUDY OF RC COLUMN AND COMPOSITE COLUMN WITH FLAT SLAB SYSTEM USING LINEAR STATIC ANALYSIS AND PUSH OVER ANALYSIS BY ETABS
73	ANALYSIS OF G+20 RC BUILDING IN DIFFERENT ZONES

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