**FINAL YEAR CIVIL STUDENTS PROJECTS**

**EARTHQUAKE (Staad.pro &Etabs )**

1. EARTHQUAKE ANALYSIS AND DESIGN VS NON EARTHQUAKE ANALYSIS AND DESIGN USING STAAD PRO
2. Earthquake Behaviour of Buildings
3. Earthquake Resistant Wooden House
4. Comparison of design results of a Structure designed using STAAD and ETABS Software©–
5. 3-D Analysis of Building Frame Using STAAD-PRO© –
6. Behavior and structural design of concrete structures exposed to fire©–
7. SEISMIC ANALYSIS AND DESIGN OF HOSPITAL BUILDING BYEQUIVALENT STATIC ANALYSIS
8. Negative Stiffness, Structural Modification Approach for Seismic Protection
9. Identification of Nonlinear Devices for Seismic Protection
10. Seismic Damage Analyses of Staircases in RC Frame Structures
11. Seismic Performance Evaluation of a Super-Tall Building Structure

**MANAGEMENT**

1. Six Sigma within Construction Context: As a Quality Initiative, Performance Indicator/Improver, Management Strategy
2. Improving Construction Logistics: A case study of Residential Building Project©
3. The Contractors Choice of Material for Sewer
4. Productivity: Measurement and Improvement –
5. Intellectual Property Protection in Innovation Projects –
6. IMPROVING CONSTRUCTION PROCESSES BY INTEGRATING LEAN, GREEN, AND SIX-SIGMA –
7. Study of Management of Risk and Loss Control Program in Civil Engineering Projects –
8. Study of Management of Risk and Loss Control
9. SIX SIGMA PROJECT MANAGEMENT CONSTRUCTION
10. MATERIAL MANAGEMENT IN CONSTRUCTION – A CASE STUDY
11. Inventory Management System
12. A Study on the Effects of Low-Cost Airlines in Planning Issues
13. Low Energy Supermarket in a Mediterranean Climate
14. A REPORT OF THE STUDENTS’ INDUSTRIAL WORK EXPERIENCE SCHEME (SIWES).©
15. Estimating in building Construction©
16. A REPORT ON SITE DEVELOPMENT AND SETTING OUT WORKS FOR THE PROPOSED AREA©
17. RESIDENTIAL BUILDING CONSTRUCTION©
18. A Project report on Ready mix concrete©
19. An Analysis on Resource Planning, Cost Estimation and Tracking of Project by Earned

Value Management –

1. TEAM MANAGEMENT IN CONSTRUCTION INDUSTRY
2. Risk Response Selection in Construction Projects
3. RISK ASSESSMENT AND ANALYSIS USING PRIMAVERA
4. Representing Work Spaces Generically in Construction Method Models
5. QUANTITATIVE EVALUATION OF THE BIM-ASSISTED CONSTRUCTION DETAILED COST ESTIMATES
6. New Models Of Collective Housing Through The Application Of Steel And Steel Products
7. MATERIALS SUPPLY MANAGEMENT IN WITH THE QUALITY OF STRUCTURES
8. Management of Human Resources and Quality in Materials Supply Process in Construction Projects
9. Impact of Construction Documents and Records on Project Management
10. Quality Evaluation of Construction Activities for Project Control
11. DEVELOPMENT OF AN OPERATIONAL EXCELLENCE MODEL TO IMPROVE SAFETY FOR CONSTRUCTION ORGANIZATIONS
12. Development of an Integrated Construction Management System for Building Estimation
13. Critical Factors for Selecting a Neutral to Support Alternative Dispute Resolution Methods in the Construction Industry
14. Construction Waste Reduction Through Site Management Approach
15. Construction Safety Management Systems and Methods of Safety Performance Measurement: A Review
16. A Case Study of an Integrated BIM-Based System for Construction Management
17. Building Information Modelling
18. Building Constructive Innovation Networks: The Role of Relationship Management
19. A STUDY OF ENABLING FACTORS AFFECTING CONSTRUCTION PRODUCTIVITY: INDIAN SCNERIO
20. FACTORS AFFECTING MATERIALS MANAGEMENT
21. HOTEL MAINTENANCE MANAGEMENT
22. TRACKING AND MANAGEMENT OF CONSTRUCTION PROJECTS USING PRIMAVERA
23. Project Monitoring and Control using Primavera

**RESERVOIR TANK & BRIDGES, ROADS**

1. Reinforced concrete elevated service reservoirs in earthquake prone region
2. Design of underground water tank
3. DESIGN OF ELEVATED SERVICE RESERVOIR –
4. Planning Of Water Storage Reservoirs –
5. Optimization of Circular Elevated Service Reservoir –
6. ANALYSIS AND EXECUTION OF ROAD WORKON NH-5© –
7. Bridge Life Cycle Cost Optimization© –
8. CURVED INTEGRAL ABUTMENT BRIDGES©–
9. DESIGN OF R.C.C. OVER HEAD TANK©–
10. DESIGN RECOMMENDATION FOR STORAGE TANKS AND THEIR SUPPORTS WITH EMPHASIS ON SEISMIC DESIGN©–
11. An Innovative Ground Storage©
12. Probability of Failure for Concrete Gravity Dams for Sliding Failure©
13. Rehabilation and Maintenance of Road Pavements using High Early Strength Concrete –
14. Soil Steel Composite Bridges©
15. Capacity assessment of a single span arch bridge with backfill© –
16. Preliminary design and multi-criteria analysis of solutions for widening an existing concrete bridge© –

**DESIGNS**

1. Bending of Selectively Reinforced Beams©
2. BLOCK SHEAR FAILURE IN TENSION MEMBERS©
3. PLANNING AND DESIGN OF NET ZERO ENERGY RESIDENTIAL BUILDING©
4. STUDY OF MATERIAL TESTING AND MIX DESIGN PROCEDURE OF READY MIX CONCRETE©
5. STUDY OF FLEXURAL EFFECT ON LATERALLY UNSUPPORTED BEAMS©
6. DETAILED STUDY AND EXECUTION WORK IN POST TENSION SLAB©
7. DESIGN OF REINFORCED CONCRETE INVERTED-T BEAMS FOR STRENGTH AND SERVICEABILITY©–
8. RESIDENTIAL BUILDING CONSTRUCTION©–
9. PLANNING, ANALYSIS, DESIGN AND ESTIMATION OF NATURAL COOLING TOWER©–
10. Numerical Evaluation of Structural Behavior of the Simply Supported FRP-RC Beams©
11. PERFORMANCE EVALUATION OF BAMBOO REINFORCED CONCRETE BEAMS©–
12. DESIGN AND DEVELOPMENT OF SHAKE TABLE©
13. Shear Capacity of Steel Fibre Reinforced Concrete Beams without Conventional Shear Reinforcement©–
14. Development of Secant Pile Retaining Wall Construction –
15. Behavior and structural design of concrete structures exposed to fire©
16. PLANNING AND DESIGNING OF SCHOOL BUILDING
17. Design and analysis of foot over bridge by using staad pro.
18. Design and analysis of auditorium building with seismic.
19. Framework for Improving Resilience of Bridge Design–
20. Airport Terminal - Planning and design
21. Design and Analysis of Flat Slab Floor System for Reinforced Concrete Building.
22. Design of Reinforced Concrete Block Masonry Basement

**EXPERIMENTALS**

1. ROJECT REPORT ON STUDY OF MIX DESIGN OF SELF COMPACTING CONCRETE ON M30 GRADE
2. STABILIZATION OF RECYCLED BASE MATERIALS WITH HIGH CARBON FLY ASH©
3. SHEAR STRENGTHENING OF CONTINUOUS RC BEAMS USING EXTERNALLY BONDED CFRP SHEETS©
4. STUDY OF COMPRESSIVE STRENGTH OF M20 & M25 GRADE CONCRETE WITH REPLACEMENT OF RIVER SAND WITH QUARRY DUST
5. BEHAVIOUR OF REINFORCED CONCRETE BEAMS WITH COCONUT SHELL AS COARSE AGGREGATES©
6. EXPERIMENTAL STUDY ON SCC USING AGRO AND INDUSTRIAL WASTE.©
7. EFFCT OF MINERAL ADMIXTURES ON PROPERTIES OF SELF COMPACTING CONCRETE©
8. Experimental and analytical investigation of strethening of reinforced concrete column by steel jacketing
9. Behavior of steel wire mesh reinforced concrete beam under cyclic loading
10. Mechanical Properties of Concrete Incorporating Used Foundry Sand
11. Cost-Effective and Sustainable Road Slope Stabilization and Erosion Control
12. Low Energy Supermarket in a Mediterranean Climate
13. Potential Use of Natural Red Mud as Pozzolan for Portland Cement
14. Bearing Capacity Analysis and Design of Highway Base Materials Reinforced with Geofabrics
15. Soil Bioengineering for Upland Slope Stabilization©
16. Worldwide Applications of Geosynthetics Reinforced Walls for Soil Reinforcement
17. Corrosion Resistance of Weathering Steels
18. COMPARATIVE STUDY ON PLASTIC COATED AGGREGATE WITH PLASTIC BITUMEN MIX
19. EFFCT OF MINERAL ADMIXTURES ON PROPERTIES OF SELF COMPACTING CONCRETE
20. GLASS FIBRE REINFORCED CONCRETE
21. EXPERIMENTAL INVESTIGATION ON COCKTAIL FIBRE REINFORCED FLY ASH CONCRETE
22. WORKABILITY OF FIBER REINFORCED SELF-COMPACTING CONCETE USING STATISTICAL FACTORIAL DESIGN METHODS
23. Floating concrete using Light weight concrete aggregate©
24. REUSE OF INDUSTRIAL WASTE IN CONSTRUCTION INDUSTRY
25. STUDY OF COMPRESSIVE STRENGTH OF M20 & M25 GRADE CONCRETE WITH REPLACEMENT OF RIVER SAND WITH QUARRY DUST
26. EXPERIMENTAL STUDIES ON HIGH STRENTH CONCRETE WITH SILICA FUMES AND MANUFACTURE SAND
27. EXPERIMENTAL STUDIES ON ORDINARY CONCRETE WITH MARBLE WASTE
28. Partial replacement of sand with pond ash and stone dust
29. Partial replacement of sand in concrete using stone dust
30. Partial replacement of sand and ash pond powder
31. DETERMINATION OF FIELD DENSITY UNIT WEIGHT OF SOIL BY SAND REPLACEMENT METHOD
32. Experimental investigation on flexural behaviour RC hollow core sandwich beam
33. Experimental investigation of RCC Beam retrofitted with banana fibber sheet
34. Experimental investigation on flexural behaviour of trough shaped Ferro cement panels
35. USE OF BAMBOO AS REINFORCEMENT IN STRUCTURAL MEMBERS©
36. EXPERIMENTAL ANALYSIS OF CONCRETE USING SILICA FUME AS

CEMENT REPLACING MATERIAL©

1. EXPERIMENTAL INVESTIGATION ON IMPROVEMENT OF ACID RESISTANCE OF CONCRETE ELEMENTS BY NANO-CONCRETE©
2. Comparative study on design of concrete and steel beam©
3. EFFECT OF SIZE OF AGGREGATE ON SELF COMPACTING CONCRETE OF M70 GRADE©
4. COMPACTION CHARACTERISTICS AND SHEAR PARAMETERS OF POND ASH©
5. IMPACTS OF USING CRUSHED ROCKS INCONCRETE©
6. Epoxy Coated Reinforcement and Crack Control

**TECHNOLOGY &ENERGY**

1. ALTERNATE AND LOW COST CONSTRUCTION MATERIALS AND TECHNIQUES©
2. Building energy retrofitting: from energy audit to renovation proposals©
3. Experimental investigation and prediction of properties for the green concrete using Artificial Neural Network
4. REUSE OF INDUSTRIAL WASTE IN CONSTRUCTION INDUSTRY
5. New type of crushed sand to replace natural sand in concrete production
6. Application of Waste Foundry Sand for Evolution of Low-Cost Concrete
7. The Possibility of using BOD on-line Measurement
8. BIM-Based Energy Analysis –
9. Building energy retrofitting: from energy audit to renovation proposals: The case of an office building in India –
10. Energy Losses Study on District Cooling Pipes: Steady-state Modeling and Simulation
11. Concrete Shrinkage Prediction using Maturity and Activation Energy©
12. Low Temperature Performance of Wax Modified Mastic Asphalt –
13. Dewatering Soil for Use as an Emergency Construction Material for Disaster Recovery©
14. E waste management in India. –
15. BIOGAS PRODUCTION FROM KITCHEN WASTE
16. Detailed Project Report for Biogas Power Plant + Organic Fertilizer Unit–
17. Dewatering Soil for Use as an Emergency Construction Material for Disaster Recovery
18. Advances in Geosynthetics Materials and Applications for Soil Reinforcement and Environmental Protection Works
19. Evaluation of the Efficiency of Different Ground Improvement Techniques
20. Soil Bioengineering for Slope Stabilization and Site Restoration
21. Finite Element Studies of Reinforced and Unreinforced Two-layer Soil Systems
22. Soil Nailing for Stabilization of Steep Slopes Near Railway Tracks
23. Integrated Light Steel Structure Housing
24. Low Carbon Housing Structure System of High Durability
25. Integral Structure of Light Steel Temporary Buildings
26. Behaviour of Composite Beams of Steel-Reinforced Recycled Concrete