

## **MSR PROJECTS**

### **Civil Engineering Tittles**

1. Design And Analysis Of Earthquake Residential Building
2. Design And Analysis Of Irregular Shape Building In Staad.Pro
3. Design And Analysis Of Multi Storeyed Building Under Static And Dynamic Loading Conditions
4. Design And Analysis Of Structure With Floating Column & Without Floating Column
5. Dynamic Response Of A Building With Shear Wall
6. A Study On Effect Of Steel Slag In Rigid Pavement And Its Economic Evaluation
7. A Study And Pavements Use Of Recycled Aggregates In Road Construction
8. A Study And Enhancement In Traffic Management Using With Dynamic Lane Reversal For Widening Of Nh 16 In India
9. Experimental Investigation On Strength Development Of Concrete Structures By Using Coir Fiber
10. Stabilization Of Pavement Subgrade Soil Using Chemical Additive
11. Road Quality Optimization In Urban Roads In Nizamabad District –Telangana
12. Improving Pedestrian Facility In Congested Urban Area (Pedestrian Simulation)
13. Study On Aging Behaviour Of Paving Grade Bitumen Using Filler Material
14. Study On calibration Of Roughness Values For Selected Road Sections
15. Effect Of Ceramic Waste Powder In Self Compacting Concrete Properties
16. Modeling Critical Gaps For U-Turn Vehicles At Median Openings Under Indian Mixed Traffic Conditions
17. Study Of Alternative For Right Turning Movement At Intersections
18. A Railway Road Under Bridge Construction And Its Course Of Action Using Box Pushing Technique
19. A Study And Modeling Of National Hiway Roads Accidents By Using Artificial Neural Networks
20. Study And Transformation Of Plastic Waste And Building Material Waste Into Pavement Tiles
21. Design Of Industrial Building Using Staad Pro
22. Design Of Residential Building Using Staad Pro
23. A Comparative Study On Pounding Effect On Multi Storied Building With And Without Shear Wall

**Address:** #503,Annapurna Block, beside mytrivanam, Adhithya Enclave, Ameerpet, HYD-38.  
**E-mail:** [msrprojectshyd@gmail.com](mailto:msrprojectshyd@gmail.com), **Web:** [www.msprojects.org](http://www.msprojects.org) , **Ring on:** +91 8977464142.  
**Branches:** Hyderabad ( Ameerpet | Dilsuknagar) | Kurnool

## **MSR PROJECTS**

24. Design And Analysis Of Multi Storeyed Building Under Static And Dynamic Loading Conditions
25. Eismic Behaviour Of Rc Buildings Constructed On Plain & Sloping Ground With Different Configuration Of Shear Walls
26. Design And Structural Behaviour Of Hexagonal Over Head Tank Analysis For Waste Water Treatmentplant By Using E-Tabs
27. Seismic Behaviour Of Rc Buildings Constructed On Plain & Sloping
28. Design And Analysis Of Postension Building With Different Load Conditions
29. Study And Pre-Fabricated Structure In Construction Engineering With Ancient Hindu Architecture.
30. Analysis Of Seismic Retrofitting Of G+12 Building
31. Design Of Rural House (G+1) By Using Mud Concrete & Bamboo Reinforcement
32. Design And Estimation Of Basement+G+2 Residential Building
33. Seismic Analysis Of High-Rise Buildings Using Shear Walls
34. Structural Detailing Of Single Storey Resedential Building With Retain Wall
35. A Structural Design For A G+8 Hospital Building And Finding Its Stability Using
36. Seismic Analysis Of Plaza Type Structures Using Different Methods
37. Study And Investigation In Developing Low-Cost Concrete In Using Brick Powder And Quarry Dust
38. Study On Concrete By Replacing Cement With Red Mud, Fly Ash And Hydrated Lime
39. Study And Seismic Retrofitting Strategies Of Reinforced Concrete Buildings
40. Stabilization Black Cotton Soil Using Saw Dust Ash
41. Study And Effect Of Ceramic Waste Powder In Self Compacting Concrete Properties
42. A Study On Effect Of Ceramic Waste As A Filler In Bituminous Concrete Mix
43. Performance Evaluation Of Seal Coat Material And Cold Patch Repair For Long Service Life
44. Self-Compaction Concrete With Marble Powder
45. Design And Dynamic Response Of A Building With Shear Wall
46. Design And Analysis Of G+12 With And Without Floating Columns
47. Design And Analysis Of Multi Storeyed Building Under Static And Dynamic Loading Conditions
48. Design And Analysis Of Irregular Shape Building In Staad.Pro
49. Design And Analysis Of G+17 Commercial Building Using E-Tabs
50. Dynamic Analysis Of G+5 Structure For Different Seismic Zones

**Address:** #503,Annapurna Block, beside mytrivanam, Adhithya Enclave, Ameerpet, HYD-38.  
**E-mail:** [msrprojectshyd@gmail.com](mailto:msrprojectshyd@gmail.com), **Web:** [www.msprojects.org](http://www.msprojects.org) , **Ring on:** +91 8977464142.  
**Branches:** Hyderabad ( Ameerpet | Dilsuknagar) | Kurnool

## **MSR PROJECTS**

51. Design And Analysis Of Commercial Building Using E-Tabs
52. Design And Dynamic Response Of A (Base+G+9) Building With Shear Wall
53. Pre-Fabricated Structure In Construction Engineering With Ancient Hindu Architecture
54. Design And Structural Behaviour Of Hexagonal Overhead Tank Analysis For Waste Water Treatment Plant By Using E-Tabs
55. Design Of Industrial Building Using Staad Pro
56. Design Of Residential Building Using Staad Pro
57. Design Of Rural House (G+1) By Using Mud Concrete & Bamboo Reinforcement
58. Design And Estimation Of Basement+G+2 Residential Building
59. Structural Detailing Of Single Storey Residential Building With Retain Wall
60. A Structural Design For A G+8 Hospital Building And Finding Its Stability Using
61. Seismic Analysis Of Plaza Type Structures Using Different Methods
62. Design And Analysis Of Postension Building With Different Load Conditions
63. Seismic Behaviour Of Rc Buildings Constructed On Plain & Sloping Ground With Different Configuration Of Shear Walls

**SOFTWARES:** E-TABS, STADPRO

## **CONCRETE TECHNOLOGIES**

1. REPLACEMENT OF BRICK WASTE AND STEEL FIBER IN PREPARATION OF CONCRETE
2. RECYCLING OF DISMANTLED CONCRETE USED IN THE FIELD OF CONSTRUCTION
3. STRENGTH OF CONCRETE ON REPLACEMENT OF SAND WITH GLASS POWDER AS FINE AGGREGATE
4. PARTIAL REPLACEMENT OF CEMENT WITH MARBLE POWDER IN THE PREPARATION OF CONCRETE

**Address:** #503,Annapurna Block, beside mytrivanam, Adhithya Enclave, Ameerpet, HYD-38.  
**E-mail:** [msrprojectshyd@gmail.com](mailto:msrprojectshyd@gmail.com), **Web:** [www.msprojects.org](http://www.msprojects.org) , **Ring on:** +91 8977464142.  
**Branches:** Hyderabad ( Ameerpet | Dilsuknagar) | Kurnool

## **MSR PROJECTS**

5. A STUDY ON STRENGTH PARAMETERS OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH COAL DUST AND SAND WITH IRON SLAG
6. UTILIZATION OF PLASTIC WASTE FOR MAKING PLASTIC BRICKS
7. GLASS FIBER REINFORCED CONCRETE
8. REPLACEMENT OF CEMENT WITH RICE HUSK IN CONCRETE
9. PARTIAL REPLACEMENT OF CEMENT WITH HOSPITAL WASTE ASH IN CONCRETE
10. PARTIAL REPLACEMENT OF CEMENT WITH BIO MEDICAL WASTE ASH IN CONCRETE
11. USE OF CRUMB RUBBER AS COARSE AGGREGATE IN CONCRETE TO INCREASE THE STRENGTH OF CONCRETE BLOCK
12. A STUDY ON STRENGTHEN THE CONCRETE BY COARSE AGGREGATES COATED WITH COLLAGE WASTE PLASTIC
13. STRENGTH OF CONCRETE ON REPLACEMENT OF SAND WITH GLASS PARTICLES AS COARSE AGGREGATE
14. PARTIAL REPLACEMENT OF CEMENT BY COLLEGE SOLID WASTE ASH
15. PARTIAL REPLACEMENT OF CEMENT WITH MARBLE POWDER AND METAKAOLIN IN THE PREPARATION OF CONCRETE
16. PARTIAL REPLACEMENT OF CEMENT WITH MARBLE POWDER IN PREPARATION OF CONCRETE
17. PARTIAL REPLACEMENT OF CEMENT WITH SUGAR CANE BAGASSE ASH
18. EFFECT ON STRENGTH PARAMETERS OF CONCRETE WITH PARTIAL REPLACEMENT OF CEMENT BY MUNICIPAL SOLID WASTE INCENATAION ASH
19. REPLACEMENT OF FINE AGGREGATE WITH SAW DUST IN THE PREPARATION OF CONCRETE
20. STUDY AND ANALYSIS ON UTILIZATION OF FLYASH AGGREGATES IN CONCRETE
21. PREPARATION OF CONCRETE BRICKS BY USING COCONUT SHELL AND FLYASH
22. EXPERIMENTAL STUDY ON CONCRETE AND MORTAR BY PARTIAL REPLACEMENT OF CEMENT WITH RUD MUD

## **MSR PROJECTS**

23. EXPERIMENTAL INVESTIGATION OF MECHANICAL PROPERTIES OF GEOPOLYMER CONCRETE WITH NANO SILICA
24. STUDY AND INVESTIGATION IN DEVELOPING LOW COST CONCRETE BY USING BRICK POWDER AND QUARRY DUST
25. EXPERIMENTAL INVESTIGATION OF CONCRETE USING E-WASTE & MARBLE DUST
26. EXPERIMENTAL INVESTIGATION OF COCONUT FIBER REINFORCED CONCRETE
27. FLYASH BASED SELF COMPACTING CONCRETE BY USING RUBBER FIBERS
28. GEOPOLYMER CONCRETE USING RICE HUSK ASH BY CURING AT AMBIENT TEMPERATURE
29. FLYASH AND GGBS BASED GEOPOLYMER CONCRETE
30. SELF CURING OF HIGH PERFORMANCE CONCRETE
31. STRENGTHEN STUDIES ON REPLACEMENT OF FINE AGGREGATE AND CEMENT WITH INDUSTRIAL WASTE
32. STUDY OF STRENGTH PROPERTIES OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH DIFFERENT ADMIXTURES
33. COMPARATIVE STUDY ON PARTIAL REPLACEMENT OF CEMENT WITH HWA COAL DUST AND RHA

## **TRANSPORTATION ENGINEERING**

1. RECYCLING OF FLEXIBLE PAVEMENT
2. RAP USED IN THE FIELD OF CONCRETE
3. A STUDY ON BITUMEN MODIFIED WITH CRUMB RUBBER
4. WIDENING AND STRENGTHENING OF FLEXIBLE PAVEMENT
5. USE OF WASTE PLASTIC AND CRUMB RUBBER IN THE CONSTRUCTION OF FLEXIBLE PAVEMENT
6. STUDY ON EFFECT OF WASTE PVC IN THE PERFORMANCE OF BC MIXES
7. A STUDY ON BITUMINOUS MIX WITH NATURAL FIBER

**Address:** #503, Annapurna Block, beside mytrivanam, Adhithya Enclave, Ameerpet, HYD-38.  
E-mail: [msrprojectshyd@gmail.com](mailto:msrprojectshyd@gmail.com), Web: [www.msprojects.org](http://www.msprojects.org), Ring on: +91 8977464142.  
Branches: Hyderabad ( Ameerpet | Dilsuknagar) | Kurnool

## **MSR PROJECTS**

8. EFFECT OF CERAMIC WASTE AS FILLER IN THE PREPARATION OF HOT BITUMINOUS MIX

## **GEOTECHNICAL ENGINEERING**

9. SOIL STABILIZATION OF BLACK COTTON SOIL BY USING BAMBOO FIBER
10. SOIL STABILIZATION OF BLACK COTTON SOIL BY USING TERRAZYME AND HYPOSLUDGE

## **STADD. PRO**

1. Effect of wind load and design of tall building by staad pro
2. Analysis and design of open storey building in staad pro
3. Design and analysis of G+21 storied building by Staad Pro
4. Design and Analysis of irregular shape building in staad pro
5. Design and Analysis of Residencia apartment using stadd pro

## **ENVIRONMENTAL ENGINEERING**

1. NATURAL TECHNOLOGIES OF WASTE WATER TREATMENT
2. RECYCLING AND REUSING OF COLLEGE WASTE WATER BY USING FIBERIOUS MATERIALS

## **MINI PROJECT TITLES CIVIL**

1. **EVALUATION OF THE EFFECT OF SHEAR WALL ARRANGEMENT IN DUAL SYSTEMS**
2. **IMPACT OF VEHICLE PEDESTRIAN INTERACTION ON TRAFFIC FLOW**
3. **STRENGTH AND DURABILITY OF HPC WITH PARTIAL REPLACEMENT WITH FLY ASH AND SAND WITH MARBLE POWDER.**
4. **DESIGN ASPECTS FLEXIBLE PAVEMENT AND QUALITY CONTROL MANAGEMENT**
5. **DEVELOPMENT OF ENG. PROPERTIES OF DENSE GRADE BITUMINOUS MIXES WITH COAL ASH BY USING NATURAL FIBER.**
6. **DESIGN OF RURAL ROADS**

**Address:** #503,Annapurna Block, beside mytrivanam, Adhithya Enclave, Ameerpet, HYD-38.  
E-mail: [msrprojectshyd@gmail.com](mailto:msrprojectshyd@gmail.com), Web: [www.msprojects.org](http://www.msprojects.org) , Ring on: +91 8977464142.  
Branches: Hyderabad ( Ameerpet | Dilsuknagar) | Kurnool

## **MSR PROJECTS**

7. **FLEXIBLE PAVEMENTS**
8. **PROJECT REPORT ON G+3 DESIGN OF A RESIDENTIAL BUILDING.**
9. **DESIGN OF G+5 DESIGN OF A RESIDENTIAL BUILDING**
10. **PROJECT REPORT ON NATIONAL HIGH WAY 9.**
11. **IMPLICATIONS OF CODAL DESIGN GROUND STORY BUILDINGS AS PER INDIAN STANDARDS**
12. **QUANTIFYING THE ROLE OF VEGETATION IN SLOPE STABILITY**
13. **RELIABILITY ANALYSIS OF SPREAD FOOTING OVER CIRCULAR VOID**
14. **RELIABILITY BASED SEISMIC DESIGN OF OPEN GROUND STORY FRAMED BUILDINGS**
15. **REMOVAL OF TURBIDITY FROM WATER USING LOW COST ADSORBENTS.**
16. **RESPONSE OF STRUCTURE SUBJECTED TO DIFFERENT EARTHQUAKE GROUND MOTIONS.**
17. **RIGHT PREFERMENT DESIGN.**
18. **SEISMIC ANALYSIS AND DESIGN OF HOSPITAL BUILDING BY EQUIVALENT STATIC ANALYSIS**
19. **SEISMIC ANALYSIS OF HIGH-RISE BUILDING (G+10 FL) BY RESPONSE SPECTRUM METHOD.**
20. **SEISMIC ANALYSIS OF TIIR BUILDING BY EQUIVALENT STATIC ANALYSIS METHOD**
21. **SEISMIC DESIGN OF MULTISTORIED AND MULTI BAY STEEL BUILDING FRAME.**
22. **SEISMIC PERFORMANCE OF MULTISTORY REINFORCED CONCRETE BUILDINGS BY PUSHOVER ANALYSIS.**
23. **SHEAR BEHAVIOR OF BFRP STRENGTHENED RC T-BEAMS.**
24. **STABILIZED GRAVEL FOR ROAD SUB-BASE.**
25. **STABILITY ANALYSIS OF LAMINATED COMPOSITE TWISTED PLATES WITH HOLES.**
26. **STABILITY ANALYSIS OF LAMINATED COMPOSITE TWISTED PLATES WITH HOLES**
27. **DESIGN OF G+12 WITH AND WITHOUT FLOATING COLUMNS**
28. **DESIGN AND EVALUATED METRO BRIDGE BY VARYING COLUMN**



## **MSR PROJECTS**

**DISTANCE USING E- TABS.**

**29. DESIGN OF HOSPITAL BUILDING**

**30. DESIGN OF POST TENSION BUILDING.**

**31. BLAST LOADING AND EFFECTS ON RC FRAME BUILDINGS.**

**32. COMPARISON OF PRE-STRESSED HOLLOW CORE SLAB AND PRECAST CONCRETE BEAMS- HCB SLAB SYSTEM**

**33. EVALUATION OF HAMMERHEAD PIER CAP BRIDGE DESIGN**

**34. QUALITATIVE LEVEL OF SERVICE ANALYSIS OF URBAN STREETS IN INDIAN CONTEXT**

**35. RAFT FOUNDATION ANALYSIS.**

**36. STATIC AND DYNAMIC ANALYSIS OF GEO GRID REINFORCED UNPAVED ROAD.**

**37. STRENGTH IMPROVEMENT OF CONCRETE PAVER BLOCKS BY USING FLY ASH, GLASS FIBER & GGBS.**

**38. ASSESSMENT OF RIBBED SLAB CONSTRUCTION FRAMED LATERAL LOAD EXCITATION S IN EARTH QUICK AREAS IN INDIA**

**39. POST TENSION NODES FOR G+5 COMMERCIAL BUILDING WITH FLOATING COLUMN.**

**40. SELF-COMPACTING CONCRETE**

**41. DESIGN OF G+6 WITH AND WITHOUT FLOATING COLUMNS**

**42. COPPER ADMIXTURE**

**43. ANALYSIS OF SEISMIC RETROFITTING OF G+12 BUILDING**

**44. DESIGN AND CONSTRUCTION OF A FERRO CEMENT SUPER INSULATED SHELL HOUSE**

**45. HEXAGONAL OVER-HEAD TANK ANALYSIS FOR WASTE WATER TREATMENT PLANT BY USING E-TABS**

**46. A. LABORATORY STUDY ON A WARM BITUMINOUS MIX.**

**47. CHARACTERIZATION OF RED MUD AS A CONSTRUCTION MATERIAL USING BIOREMEDIATION.**

**48. EFFECT OF CALCIUM EXCHANGE CAPACITY ON THE PROPERTIES OF BLACK.**

**49. EFFECT OF CHOPPED GLASS FIBERS ON THE STRENGTH OF CONCRETE TILES.**



## **MSR PROJECTS**

50. **EFFECT OF NANO SILICA ON THE COMPRESSIVE STRENGTH OF CONCRETE.**
51. **EFFECTS OF NON-MOTORIZED VEHICLES ON MIXED TRAFFIC IN INDIA**
52. **ELASTIC-PLASTIC ANALYSIS OF PLATE USING ABAQUS.**
53. **IMPACT OF CLIMATE CHANGE ON THE HYDROLOGY OF MAHANADI RIVER BASIN.**
54. **PARAMETRIC ESTIMATION OF U- TURNS VEHICLES AT MEDIAN OPENINGS IN URBAN INDIAN CONTEXT.**
55. **PERFORMANCE ANALYSIS OF ROUNDABOUTS USING EMPIRICAL METHOD FOR INDIAN SCENARIO.**
56. **QUANTIFYING THE ROLE OF VEGETATION IN SLOPE STABILITY.**
57. **PREDICTION OF COMPRESSIVE STRENGTH USING GENETIC PROGRAMMING INVOLVING NDT.**
58. **RELIABILITY ANALYSIS OF SPREAD FOOTING OVER CIRCULAR VOID**
59. **RESPONSE OF STRUCTURE SUBJECTED TO DIFFERENT EARTHQUAKE GROUND MOTIONS**