



# SAI ENGINEERING ACADEMY

(SCHOOL OF CIVIL ENGINEERS)

GRR COMPLEX, 3<sup>RD</sup> FLOOR, SR NAGAR, HYD, PH: 9492803132, 9052393214

[www.civilengjournals.com](http://www.civilengjournals.com), [www.saiengineeringacademy.com](http://www.saiengineeringacademy.com)

## Civil Engineering Project Titles

1. Village sanitation system
2. Desilting of tanks
3. Low cost roofing tiles
4. Study of traditional housing practices
5. Ferro cement roofing materials
6. Study of unburnt bricks
7. Labour optimisation in earth work
8. Coir reinforced roofing sheets
9. Fatigue of human labour in earth work
10. Wall panels for low cost houses
11. Planing and designing of low cost school buildings
12. Engineering study of a traditional industry jaggery making
13. Studies on the concentration of settable dust emitted by sugar factory
14. Rural sanitation of kommerahalli village
15. Low cost light weight roofing tiles
16. Study on strength of compacted mud walls
17. Communication net work
18. Irrigation potential and harnessing the same
19. Study on strength of country brick walls laid in mud mortar
20. Technology of construction of a low cost house using funicular shell units for the roof

21. Ground water inventory in nandikoor village
22. Critical study of locally available materials for the manufacture of bricks
23. Investigation on ground water resources and determination of aquifer parameter around suratkal engg. College
24. Experiment investigation on cements with paddy husk ash
25. Housing for the poor
26. Low cost school building
27. Low cost roofing tiles
28. Development plan for a growth centre
29. Studies on black cotton soil mixed copper mines waste
30. Automatic flow regulation for canal- tank sluice
31. Low cost stabilised earth bricks
32. Strength characteristics of surki mortar
33. Bio- gas plant with ferro cement gas holder
34. Water supply for iggor village
35. Tests on pozzolana mixtures
36. Study of transportation needs in rural and semi-urban areas
37. Low cost grain storage structure
38. Performance study of irrigation centrifugal pumps
39. Some studies on sisal fibre reinforced cement aggregate composites
40. Erosion resistance studies on stabilised mud blocks
41. Evaporation losses in malaprabha project
42. Ground water inventory in kotnur village
43. Critical study of locally available materials for the manufacture of bricks
44. Hydrogeological investigations, ground water quality and aquifer parameters
45. Use of different organic wastes for production of bio gas
46. Investigation on fibre reinforced roofing units
47. Road re alignment
48. Soil stabilazation
49. Software study of janatha houses
50. Low cost demonstration house
51. Stabilization of soil for bricks puddled with organic materials
52. Master plan for a rural settlement – igoor
53. Restoration of tank
54. Development plan for a growth centre
55. Low cost roofing tiles

56. Studies on low cost stabilized earth bricks
57. A study on pozzolanna mixtures
58. A study of flexural strength of lime -pozzolana concrete
59. Erosion resistance studies on stabilised brick blocks
60. Steel fibre reinforced cement concrete
61. Survey of construction materials resources in gulbarga district
62. A critical study of augmentation water supply scheme
63. A critical study of augmentation water supply scheme to gulbarga city
64. Precast stone block masonry
65. Low cost grain storage structures
66. Rural water supply
67. Ground water inventory
68. Development of rainfall run off relationship for small catchments
69. Dakshina kannada district education structure analysis, planning and design
70. Investigation on nylon fibre reinforced roofing units
71. Lime stabilized bricks
72. Experimental research on cement from paddy husk
73. Bangalore – malpe state highway study of alternative routes for manipal-udupi-malpe section of state highway
74. For soil bricks subjected to accelerated weathering condition
75. Mechanical properties of coir fibre reinforced cement composites
76. Improvements of roads and surface drains for medleri village
77. Rammed earth walls
78. Ferro cement for low cost roofing
79. Blockwise studies of the traditional houses of villages to discover their housing needs
80. Groundwater potential and problems : a case study
81. Hydrogeochemical studies of groundwater around pavanje – a coastal village
82. Development and use of unit hydrograph
83. Theoretical and experimental studies of flow in canal bends
84. Hydrogeochemical studies of groundwater around pavanje a coastal village
85. Exploration for ground water by resistivity surveys in tokuru and bellairu villages
86. Studies on quality of drinking water in anjaneeya layout davangere
87. Hazardous effects of ground water pollution on the bank of thungabhadra river near harihar
88. Bricks from black cotton soil

89. Ground water table and geo hydrological studeis around mittlekatte near davaneger city
90. Light weight concrete using light weight aggregates
91. Plysoil reinforced with geotextiles
92. Sisal fibre reinforced roofing tile
93. Studies on surface water quality conservation in bangalore
94. 180 mld sewage in open v-valley
95. Comparative performance of drip irrigation in horiculture crops under cultivation field a case study
96. Strenght studies of burnt clay brick holloow masonry wall using rat trap bond
97. Studies on local filters(well screens) adopted for agriculture perforated shallow tube wells
98. Characterization of coaguation sludge from a water treatment plant
99. Studies on application of cuddaph stone for composite t beam using r c c web water proof course
100. Composite r.c.c and brick slabs with shear reinforcement
101. Plasting material
102. Analysis of textile mill waste water
103. Ground water potential and its quality assessment around kakkaragolla village
104. Burnt bricks from black cotton soil drip irrigation
105. Raural water quality survey of davanagere taluk
106. Ferrocemeent roofing units
107. A study on low cost housing material using redmud
108. Economics analysis of water distribution system for asegnment
109. An experimental study on behaviour of prestressed ferrocement spun pressure pipes
110. The use of geotextiles
111. Studies on under ground quality (hand pumps) in bangalore taluk
112. Study of recycling industrial effluent
113. Studies on ground water quality in kanakapura taluk
114. Qyality analysis of ground water
115. Water table contour map for kothipur (ramanagaram)
116. F.r.c roofing application
117. New mud block technology
118. Studis on shallow tube wells
119. Ground water analysis around gimini distellers near nanjanagud

120. A case study of institutional water supply and waste disposal systems
121. An investigation on seasoene dribbed slabs with hand made clay tiles to form recesses
122. Composite brick-panel roof
123. Soil-cement blocks
124. Studies on ground water quality and exploration by resistivity surveys in adopted villages
125. Low cost paper lamination machine
126. Study of the behaviour of composite ferrocement short coloumns in compression
127. Study of stabalised mud blocks
128. Application of geotextile to improve the c b r value of subgrade in rural areas
129. Liners for canals
130. Strength characteristics of masonry with lime – fly ash and lime-rice husk ash mortars
131. Innovative flushing cisterns
132. Innovative inlet system for a flushing cistern
133. Studies on ground water quality in nelamangala taluk
134. Studies on surface water quality conservation in bangalore taluk
135. Load carrying capacity of bricks masonry
136. Laod carrying capacity of brick masonry archies
137. An eperimental study of precast ferrocement stair elements
138. An eperimental study of precast ferrocement circula r spiral stair elements
139. A study on construction waste
140. Study on stablized quarry dust blocks
141. Water supply system in chickballapur
142. Experimental investigation on quarry dust bricks
143. Ground water analysis around gemini distillaries near nanjangud-phase-2
144. Studies on shallow infiltration tube wells
145. Studies on the strength of bricks mansory using mud mortar
146. Ground water studies in hejmadi kodi village
147. Study of transportation system analysis and temporal pattern recongnition case studies
148. Water pollution studies of villages comming under gaddanakeri mandal
149. Groundwater studies in hejamadi-kodi village -a case study
150. Study of strength behaviour of cement stabilized mud block masonry in cement mortar

151. An experimental study on circularly prestressed ferrocement pressure pipes
152. Evaluation studies on air quality model and development of software package
153. Studies on reduction of odour from putrifying pupae in silk reeling units
154. Studies on surface water quality conservation in ramnagaram taluk
155. Studies on ground water qualities in devanahalli taluk
156. Composite t beam roofing with ferrocement
157. Flexure and shear properties of ferrocement
158. Ground water quality status in mallathalli area
159. Studies on ground water quality in kamakshipallya bangalore
160. An experimental study of precast ferrocement roofing element
161. Design and construction of precast hyperbolic paraboloid shell roof for bus stop shelter
162. Experimental investigation on hollow quarry dust bricks
163. Characteristics of silk reeling waste water
164. Studies under ground water quality in chikkaballapur
165. Experimental studies on stabilised mineral waste blocks
166. Status report on drinking water quality in tumkur
167. Status report on ground water quality in tumkur
168. Desilting of tanks
169. Minor irrigation tanks
170. Time and motion study on road construction techniques
171. Ferro cement grain silos
172. Low cost roof tiles
173. Rain water collection and storage
174. Lime stabilised soil blocks
175. Strength of country brick – walls laid in mud mortar
176. Investigation on low cost roofing units
177. Restoration of an irrigation tank.
178. Desilting of tanks
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251. Precast stone block masonry
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253. Rural water supply
254. Ground water inventory



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266. Blockwise studies of the traditional houses of villages todiscover their housing needs
267. Groundwater potential and problems : a case study
268. Hydrogeochemical studies of groundwater around pavanje – acoastal village
269. Development and use of unit hydrograph
270. Theoretical and experimental studies of flow in canal bends
271. Hydrogeochemical studies of groundwater around pavanje a costal village
272. Light weight burnt bricks using rice husk and saw dust
273. Block wise studies of rural houses
274. Reinforced brick panel
275. Rammed earth walls
276. Drinking water quality standards study in and around mysore city100. Studies on ferrocement
277. A case study of water pollution in kabini river
278. Investigation of strength and cementation value of available lime and artificial hydrauliclime
279. Study of fire wood and charcoal consumption in hassan
280. Water quality study of bhosga tank
281. Water quality study of bennitora river
282. A critical study of augmentation of water supply scheme to gulbarga
283. Ground water inventory
284. Evalution of ground water resources assessment of qualityand its impact on dwellers and crop yeild
285. Bio gas from coral organic waste

286. Fibre inforced rooting units
287. H d p net reinforced cement roofing tiles
288. Lime stablised pressed soil blocks using black cotton soil
289. Operational research in building
290. Studies on soil cement block mansony
291. Laboratory investigation on a c pipes to use as coloumns
292. Lime based products
293. Reinforced brick wall
294. Reinforced brick panel
295. A case study of water pollution in kabini river
296. Sawdust boards with uf resins
297. Laboratory investigation on a.c pipes to use as columns
298. Six sigma possibilities in building constructions.
299. Study of strength of lime pozzolona cement
300. Effect of pesticides on heath of human and livestock population
301. Pollution study of river tunghabhadra
302. Air pollution
303. Water quality study of bhosga tank and bennitora river
304. Ground water inventory
305. Soil stabilization
306. Water quality study of bheema river
307. Air pollution
308. Groundwater investigaton around a coastal tract of dakshina kannada district
309. Correct selection of pumpsets for irrigation
310. Pavement surface unevennesevaluation
311. Potential of surperplasticisers in concrete practice
312. Bond strength of bundled high yield strength deformed bars
313. Some studies on the flow characterstic of super plasticised concrete
314. Engineering and natural resources study of a village
315. A case study of pollution inriver arkavathi
316. Lime based products
317. Study of modified dry bricks
318. Precast stone blocks using lime concretes
319. Qualitative anlysis of irrigation water
320. Ferrocement-brick masonry composite columns
321. Sander grinder design fabrication

322. Ground water investigation in an island village near pavanjeriver estuary
323. Total station surveying
324. Study of the quality of water from shabanur village
325. Soil distribution and engineering problems
326. Behaviour of roofing sheets reinforced with syntetic fibres
327. Slump and strength charecteristics of super plasticized concrete
328. Traffic management studies in ramanagaram roads and highways
329. Ferrocement -brick masonry composite columns
330. Some studies on cement stabilised red earth soil blocks masonry
331. Studies on a ac pipes to be used as columns
332. Study of smart materials for smart structures
333. Steel fibre reinforced concrete manhole cover
334. Water distribution network
335. Soil stabilised pressed blocks using red soil
336. Strength characteristics of composite hydrated lime mortar admixed with fly ash
337. Fabrication and study of ferrocement watertank
338. Fabrication and study of ferrocement silo
339. Studies on brick masonry strength
340. Design of alternate water treatment system for the city of mysore
341. Easy reference city bus route chart
342. Some studies on lime stabilised red earth soil block masonry
343. Experimental studies on ac pipes for axial load carrying capacity
344. Evaluation of mysore city water supply distribution system
345. Studies on brick masonry strength
346. Lime stabailised soil bricks
347. Watershed modelling for the catchment of hemavathi
348. Studies on coconut shells as roofing material for low cost houses
349. Ferrocement roofing slab element
350. Ferrocement water tank
351. Pre-fabricated shell roof
352. Recycling industrial waste as construction material
353. Planning and design of badli-katral lift-irrigation scheme
354. Studies on groundwater problems in an area subjected to sea water ingression and seepage into groundwater
355. Construction of water table contourmap and geo hydrological studies on around shbanur village

356. Environmental effect on tungabhadra river near harihar town
357. Design and fabrication of light pass test in piston ring
358. Optimisation of solid waste collection routes for shimoga city
359. Lime cement stabilised and compacted black cotton soil blocks
360. Study on certain pollution parameters of bhadra river
361. Qualitative study of groundwater in shimoga city
362. Draught analysis and waterconservation of honnali taluk
363. Study of ambient air quality status in shimoga city
364. Black cotton soil bricks with lime sand and pozzolana as stabiliser
365. Pozzolana cement
366. A study on the effect of paper pulp cement mortar
367. An experimental study on prestressed ferrocement hollow spun poles
368. An experimental study of flexural behaviour of soluble reinforced concrete rectangular beams with bundled hysd bars
369. Cementitious binders from industrial and agro by products
370. Performance studies on the waste treatment units of a battery industry
371. Design of water treatment plant to dodballapur town
372. Design of flour mill effluent treatment plant
373. Studies on fibre reinforced cement mortar tiles
374. Studies on under ground water quality in bangalore
375. Characterisation and studies in the effluent from lamp industry
376. Sankey lake reclamation studies
377. Composite stone crete roof
378. Investigation on improved mud walls
379. Natural fibre reinforced cement concrete
380. Sisal fibre reinforced roofing tiles
381. Engineering properties of locally available stone slabs
382. On the study of unburnt brick walls and mudwalls
383. Low cost roofing – a new approach
384. Study of distressed buildings on black cotton soils
385. Low frequency vibration analyser
386. Annual rainfall studies for the district of kodagu
387. Study on stabilised soil blocks
388. Bamboo matting reinforced surki mortar grain storage silo
389. Some experimental studies on coir fibre reinforced soil
390. Composite r.c.c and brick slab

391. Pre-fabricated lintel and chejja of ferrocement
392. Study of strength properties of bamboo as a truss material
393. Composite stone crete roof
394. Location of sea water freshwater interface in the vicinity of kre college
395. Expolaration of ground water resistivity surveys in and around the college campus
396. Studies on quality of soil and ground water in an adapted village
397. Infiltration studies in differeent soil of river basins ofd. K district
398. Exploration for ground water by resistivity surveys in tokuru and bellairu villages
399. Studies on quality of drinking water in anjaneeya lay out davangere
400. Hazardous effects of ground water pollution on the bank of thungabhadra river nearharihar
401. Bricks from black cotton soil
402. Ground water table and geohydrological studeis around mittlekatte near davaneger city
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411. Studies on application of cuddaph stone for composite t beam using r c c web water proof course
412. Composite r.c.c and brick slabs with shear reinforcement
413. Plastering material
414. Analysis of textile mill waste water
415. Ground water potential and its quality assessment around kakkaragolla village
416. Burnt bricks from black cotton soil
417. Drip irrigation
418. Raural water quality survey of davanagere taluk

419. Ferrocement roofing units
420. A study on low cost housing material using redmud
421. Economics analysis of water distribution system for asegment
422. An experimental study on behaviour of prestressed ferrocement spun pressure pipes
423. The use of geotextiles
424. Studies on under ground quality (hand pumps) in bangalore taluk
251. Study of recycling industrial effluent
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427. Water table contour map for kothipur (ramanagaram)
428. F.r.c roofing application
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433. An investigation on season dribbed slabs with hand made clay tiles to form recesses
434. Composite brick-panel roof
435. Soil-cement blocks
436. Studies on ground water quality and exploration by resistivity surveys in adopted villages
437. Prestressed concrete dams
438. Study of the behaviour of composite ferrocement short coloumns in compression
439. Study of stabalised mud blocks
440. Application of geotextile to improve the c b r value of subgrade in rural areas
441. Liners for canals
442. Strength characteristics ofmasonry with lime – fly ash and lime-rice husk ash mortars
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444. Innovative inlet system for a flushing cistern
445. Studies on ground water quality in nelamangala taluk
446. Studies on surface water quality conservation in bangalore taluk
447. Load carrying capacity of bricks masonry
448. Laod carrying capacity of brick masonry archies
449. An eperimental study of precast ferrocement stair elements

450. An experimental study of precast ferrocement circular spiral stair elements
451. A study on construction waste
452. Study on stabilized quarry dust blocks
453. Water supply system in Chikballapur
454. Experimental investigation on quarry dust bricks
455. Ground water analysis around Gemini distilleries near Nanjangud-phase-2
456. Studies on shallow infiltration tube wells
457. Studies on the strength of bricks masonry using mud mortar
458. Ground water studies in Hejmadi Kodi village
459. Study of transportation system analysis and temporal pattern recognition case studies
460. Water pollution studies of villages coming under Gaddanakeri mandal
461. Groundwater studies in Hejamadi-Kodi village -a case study
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464. Evaluation studies on air quality model and development of software package
465. Studies on reduction of odour from putrefying pupae in silk reeling units
466. Studies on surface water quality conservation in Ramnagaram taluk
467. Studies on ground water qualities in Devanahalli taluk
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469. Flexure and shear properties of ferrocement
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471. Studies on ground water quality in Kamakshipallya Bangalore
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473. Design and construction of precast hyperbolic paraboloid shell roof for bus stop shelter
474. Experimental investigation on hollow quarry dust bricks
475. Characteristics of silk reeling waste water
476. Studies under ground water quality in Chikballapur
477. Experimental studies on stabilized mineral waste blocks
478. Status report on drinking water quality in Tumkur
479. Status report on ground water quality in Tumkur
480. Air pollution monitoring (SPM, sulphur dioxide, nitrogen dioxide) in and around Mysore city
481. Studies on shallow infiltration tube wells

482. Study of municipal sludge as a building material
483. Studies on the strength of stabilised mud block masonry and burnt brick masonry using cement soil quarry dust mortar
484. Traffic volume study using automated surveillance technique
485. A study of local soils for rammed earth construction
486. Study of economising the cost of openings in bulding
487. Study of strenght and properties of eucalyptus as a truss material
488. Cpm and pert analysis for asmall building construction using softwares.
489. Rammed earth wall
490. Design of optimal length of furrows through infiltration studies
491. Sub surface water ( bore well water ) quality analysis of siddhaveerappa lay-out
492. Sub surface water quality analysis of shabanur village
493. A study on solid waste management in shimoga city
494. Study of copper tailing as aplastering material
495. A study on preparation of bricks using copper tailing waste
496. Flyash -cement stabilized soil blocks
497. Premature siltation of reservoirs and tanks (causes, processes and a case study)
498. Landslides cause environmental hazards and rehabilitation measures
499. Role of geo synthetic in the improvement of strength of soil
500. Compressive strength characteristics of stacked stabilised soil cement blocks
501. Study of sandwitched panel elements as a partitionong wall material
502. Pollution studies in silk industries
503. Experimental investigations on replacement of sand by quarry dust in concrete
504. Load bearing capacity of unreinforced brick masonry vault
505. Experimental investigation on recycled aggregate concrete
506. Studies on shallow infiltration tubewells -iii phase
507. Studies on infiltration tube well system
508. Enhancement of characteristic strength and durability of brick masonry
509. To find the influence of the size of the aggregate of the compressive strength of concrete
510. Study of brick and brick masonry strength for belgaum region
511. Hydrological aspects of drought in gulbarga district
512. Performance studies of oxidation ponds
513. Ferro cement composite with no-fines concrete
514. Conservation by waste water reclamation
515. A study on performance of existing treatment plant of diary waste and



improvement of treatment units

516. Lime -flyash – soil blocks

517. A study on effects of light weight aggregates on compressive and flexural strength of concrete

518. Size effect of masonry jointon compressive strength of stabilised mud blocks

519. Case study on building cracks and causes and its prevention

520. Treatment and reuse of automobile service station wastewater for vegetation

521. Laboratory study of migration of contaminants through soil column

522. Some studies on the use of strength booster low cost additives in burnt brick manufacture

523. Studies on ground water qualities in hoskote taluk

524. Studies on surface water quality conservation in anekal taluk

525. Experimental investigation on brick masonry domes

526. Performance studies on california bearing ratio value using geofabrics

527. Laboratory studies on geofibres as reinforcement in road pavement

528. A scientific study of road humps

529. Study on fluoride concentration in ground water (hand pumps) of kolar district

530. Load bearing capacity of unreinforced brick masonry vault

531. Geographic information system

532. Air pollution study 360. Stabilised copper tailing blocks

533. Solid waste management forrain bennur town

534. Studies on partial replacement of cement by red mud in mortar

535. Low cost roofing tiles

536. Strengthening of rcc flexure members by epoxy bonded steel plates

537. Evaluation of ground water quality in bijapur city

538. Study of water supply system to bijapur city

539. Some studies on the strength behaviour of fly ash bricks

540. Planning and design of water supply scheme and peoples participation in village manhalli of bidar district

541. Low cost liners for canal

542. Study and manufacture of masonry blocks different machines with different materials

543. A study on low cost housing material bricks made up of building waste

544. Some studies on bamboo reinforced stabilised red soil beam prisms for flexure

545. Size effect of masonry jointon compressive strength of stabilised mud blocks

546. Study of surface water and quality conservation test

547. Studies on soil nailing
548. Load carrying capacity of brick masonry dome
549. Stabilisation of soil with lime for rural roads
550. Strength characteristics of subgrade soils reinforced with geogrids
551. Experimental investigations on replacement of sand by graded quarry dust in concrete
552. Liquefiable floors and roofs – valuable additions to design aid SSP – 16 for designing flexural members using torkari
553. Liquefiable floors and roofs 382. Physico-chemical assessment for quality of water of river Tungabhadra
554. Report on urban transport planning project
555. Study of dewatering methods for large scale construction sites.
556. Strength analysis of cement stabilised soil blocks a case study
557. Development of traditional water proofing agents (using natural resins) for economy in construction
558. Studies of water quality analysis of Tungabhadra river due to disposal of domestic sewage of Harihar town
559. Compressive strength of stabilised blocks and masonry prisms
560. Preliminary investigations on red soil cement stabilised coconut shell blocks
561. A study on performance and adoption of tube settler for sedimentation treatment of Shimoga city sewage
562. A study on environmental impact assessment and impact management for the proposed auto complex, Shimoga city
563. Hydrological aspects of small hydels in western ghats
564. Curve number based watershed model incorporating pipe flow for western ghats
565. Rain water recycling through artificial ground water recharging
566. User interface for electronic road atlas and Belur industrial estate
567. Low cost bricks making
568. Design and estimation of ready mix concrete plants
569. Laboratory study on cement-stabilised iron-ore rejections
570. Characterisation of the Fort Lake for its quality and pollution
571. Integrated assessment of water quality status of Muddebihal taluk
572. Study of fluoride content in ground water of Gulbarga district
573. Variations in strength of concrete and masonry units
574. Environment suitability for locating industries in Raichur taluka
575. Ground water quality evaluation Karkala town

576. To study some of the physico-chemical
577. Characteristics of bath lake
578. Appropriate technology to manufacture common building burnt brick
579. Water evaporation and weeds control by mulching in drip irrigation system
580. A study on effect of pollutants on land and river due to discharge of paper packaging factory waste water
581. A study on handling collection and utilization of city refuse
582. Behaviour of masonry wall subjected to dynamic load
583. Optimal bus deployment in dharwad city using g.i.s
584. Characterising analysis of textile mill effluent and its impact on receiving bodies
585. Crushed stone dust cement blocks
586. Stabilized manganese-ore tailings blocks
587. Solid waste management- a case study of belgaum city
588. Impact of industrial solid wastes on soil and sub-surface water
589. Integrated assessment of water quality status of muddebihal taluk
590. Laboratory studies on geotextiles reinforced soil for pavements
591. Pollution of jagat lake of gulbarga city and its effect on ground water quality
592. Geomorphological and hydrogeochemical studies of nagalapur halla basin
593. A study on assessment of pollution of tunga river and adjoining ground water
594. Mangalore tile waste as coarse aggregate in concrete
595. Effect of blast furnace slag on soil-cement stabilization
596. Stabilized haalu mannu blocks
425. Effects due to untreated disposal of municipal sewage
597. Development of b.c soil stabilised building blocks using lime and flyash
598. Portable low cost ferrocement water tank
599. Ground water quality analysis in bidar town
600. Impact of urbanization on groundwater resources of raichur city
601. Quality study of sewage in davangere district
602. Flyash concrete door shutters
603. Effect of auto exhaust and various emissions on ambient air quality of shimoga city
604. Treatability studies of dairy effluent using anaerobic filter ( af )
605. Soil-industrial effluent interaction and their engineering behaviour
606. Heavy metal pollution due to anthropogenic activities – a case study of belgaum fort lak
607. A laboratory study on the utilisation of red muds in pavements and as building

material

608. Stabilized blocks of haalu mannu
609. Development of b.c soil stabilised building blocks using lime flyash
610. Development of masonry mortar using limestone polished slurry and cement
611. Design of eco-friendly home for conservation of energy
612. Flyash mosaic flooring tiles
613. Study of heavy metals in tungabhadra river near harihar
614. Quality of groundwater for drinking purpose in the vicinity of an open drain of udupi municipal area
615. Potability of natural tank waters in dharwad district
616. Treatment of sugar waste using anaerobic filter
617. A case study of occupational hazards of asbestos industries : ramco industries, karur
618. Utilization of man made waste in man-made structures
619. Accident investigation on urban roads of gulbarga city
620. Improvement of cohesive strength of local clay using geotextile by sandwich technology
621. Computer aided drought analysis of bidar dist. And its management
622. Flyash laterite bricks
623. Study of groundwater storage in bhalki sub region using erm
624. Stabilisation of expansive black cotton soil – an experimental approach
625. Exploration for groundwater in karanja river basin in karnataka using erm
626. Study of role of judiciary and citizen in environment protection and sustainable development in bidar district
627. Properties and suitability of fine quarry dust for the final coat plastering and impervious layer
628. Suitability of beach sand as fine aggregate for concrete
629. Brick masonry building model with seismic bands under the action of base motion
630. Laboratory study of antistripping agents and accountability of quality aspects in psi
631. Characteristics properties of concrete with mixed fibres using waste plastic and waste coiled teel fibres
632. Waste plastic fibre reinforced concrete with polymers-turning pollution to solution
633. Investigation on coiled fibre reinforced concrete with tile waste as coarse

aggregate

634. Effect of microsilica-600 on the properties of waste plastic fibre reinforced concrete
635. Evaluation of quality of water supply of Belgaum city - a case study
636. Concreting practices in Belgaum – a case study
637. Comparative study of strength of welded mesh and expanded metal in ferrocement
638. Improvement of cohesive strength of local clay by sandwich method
639. Strength properties of Bhalki soil
640. Strength of reinforced soil beams under flexure
641. Land use/land cover studies using satellite images – a case study
642. Design of economical formworks and scaffolding for concrete structures
643. Evaluation of bottled mineral water for drinking purpose in and around Manipal, Udupi district, Karnataka
644. Seismic evaluation of corner and containment reinforced for masonry buildings
645. Behaviour of filler slab in low cost housing
646. Structural analysis using finite element method
647. Domestic water treatment plant
648. Low cost technology for fluoride removal
649. Stabilization of soft soils using industrial wastes
650. Study of strength parameters of silica fume concrete
651. Analysis of performance of the existing sewage treatment plant at K. S. Hegde Memorial Hospital
652. Study of geo-technical and strength parameters of laterite blocks in and around Karkal Taluk
653. Design and construction of folded ferrocement boat
654. Road accident analysis and engineering measurement in Mangalore Municipal Area
655. Electrical resistivity survey for ground water exploration and management in MIT Campus, Manipal
656. Demonstration of sway modes and torsion modes of framed structures using shaking table
657. Water quality monitoring of Madiwala Lake
658. Quality performance of stabilized mud blocks using flyash, cement and lime
659. Studies on structural behaviour and efficiency of arch paneled tile roofing for low cost housing

660. Resistance of waste plastic fibre reinforced concrete under acid and alkali test
661. Waste plastic fibre reinforced concrete using recycled coarse aggregate
662. Rubber latex fiber reinforced concrete solution to many construction problems
663. Development of insulation bricks using fly ash & waste materials from silica mines
664. A project report on effect of leachate on index and strength properties of the soil
665. Design of flexible and rigid pavement using lime, cement and fly ash as stabilizing materials
666. Solid waste management of Davangere city municipality
667. Experimental study on utilization of silica fume in concrete
668. Study on cost effective arch lintel for rural houses using concrete blocks with industrial waste
669. An experimental study for the development of a sequential procedure for obtaining self compacting concrete by repeated dosage of super plasticizers and different dosages of retarders
670. Artificial recharge of ground water
671. Studies on water management and ground water recharge in Dayananda Sagar college of engineering – a case study
672. Studies on defluoridation for water quality affected Kolar district, Karnataka – a case study
673. Study of encased composite beams
503. Eco-friendly campus
674. Evaluation of highway materials and design performance
675. Behaviour of lateral resistance of flexible piles in layered soils
676. Sediment yield in relation to hydrogeomorphological characteristics of Venkatapur river basin using GIS and remote sensing
677. Environmental impact due to the contamination of Bellary Nalla
678. Study of properties of FRC on concrete pavement
679. The strengths of Recron 3s fibrous concrete with and without super plasticizers
680. Study of cement property blended with locally available clay material
681. Defluoridation of water using tamarind gel
682. Roof rainwater harvesting - a case study
683. Experimental study on utilization of blast furnace slag in concrete
684. Proximity of transportation network of Shimoga city using remote sensing and GIS
685. Groundwater quality at Bommasandra industrial area
686. Operational research in building materials with a detailed study on clay blocks
687. Strength and elastic property characterisation of concrete block masonry

688. Determination of aggregate shape factors using universal thickness-length gauge
689. Cost effective technology on masonry arch lintel using concrete bricks of ceramic wastes
690. Studies on the use of fly ash in concrete for energy saving and to promote sustainability
691. Behaviour of rcc members under combined torsion, flexure and shear
692. Hydrological status of a few tanks in and around mysore a study using gis and remote sensing
693. Fly ash concrete
694. Rainwater management and conjunctive use
695. Gis enabled study of artificial recharge structures
696. Widening and strengthening of existing state highway case problem of package m4(kship)
697. Utilization of high volume fly ash in manufacturing of building bricks
698. Traffic analysis and pavement evaluation along nh-17
699. Workability of cement based composites
700. Use of fly ash in road constructions
701. Study on partial replacement of cement by fly ash in fiber reinforced cement concrete
702. An experimental study on enhancement of strength of concrete members using wrapping technology
703. An experimental study on mix proportioning of self-compacting concrete by different mix procedures
704. Evaluation of treatment plant efficiency using toxicity index-a case study of textile industries
705. Evaluation of physio-chemical and biological characteristics of reservoir water fed by polluted river and its effect on soil properties and nutrients in crops
706. Investigation of strength properties of black cotton soil stabilised with fly ash and geo reinforcement
707. Studies on stabilised rammed earth for wall construction using lighter mould
708. Shear strength of brick masonry wall elements with opening
709. Shear strength characteristics of brick masonry
710. Shear strength of brick masonry wall elements without opening
711. A comprehensive approach for analysis and design of a multistoried building using staadpro-2003
712. Studies on strength and behaviour of composite tubes for earthquake resistant

industrial structures

713. Behaviour of reinforced fly ash concrete under flexure-an experimental investigation
714. Mix design for pavement overlays for sustainable development
715. Cost effective technology on masonry arch lintel using concrete bricks of recycled concrete aggregates
716. Sediment and water quality analysis of revier shimsha a tributary of cauvery river basin
717. Study and analysis of water quality for suvarnavathi river in cauvery basin
718. A study of physical properties of fine-grained soils under different environmental conditions
719. A study on the use of rice husk ash in concrete from sustainability consideration
720. Study on infiltration rate on different soils of mysore city
721. Gis – for rain water recharge to enhance the ground water
722. Improving the strength of subgrade using building debris
723. A study of on route planning for efficient scheduling of city buses in hassan city
724. Experimental study of gap graded cement asphalt concretefor highway pavement
725. Investigation and characterization of the solid waste disposal sites and its impact on soil and water in the bagalkot district
726. Study of vma on self compacting concrete
727. Analysis of hyperbolic paraboloid shell foundation
728. Analysis of stability of slopes at pernem station, goa
729. Better management practices (bmpps) of shrimp farming in coastal region
730. Proposed mini hydel projectat dabewadi
731. Use of industrial waste-red mud in the production of self compacting concrete
732. Electronics waste management (computer & its accessories) for belgaum city
733. High volume fly ash concrete-a boon in bulk utilization of industrial waste
734. Eco friendly fuels
735. An experimental investigation on the characteristic strength properties and durability aspects of ternary blended concrete containing industrial wastes as pozzalonic materials
736. Investigation and characterization of solid waste disposal sites and its impact study on water and soil of bijapur district
737. Pavement stabilization usingiron ore waste along n.h-17
738. Defluoridation of water using tamarind gel
739. Feasibility studies on roof top rainwater harvesting at n.e.t. campus, nitte



740. Workability of cement based composites
741. Critical reappraisal of different methods of assessment of workability of cement composites
742. Mix design for self compacting concrete
743. Impact on ground and surface water by open dumping of solid waste
744. An investigation on characteristics properties of high performance self compacting concrete for m20 and m30 grade
745. An investigation on characteristics properties of high performance self compacting concrete for m40 and m50
746. Studies on sleeved composite columns for seismic resistant industrial structures
747. Effect of pH on physical properties of fine-grained soils
748. Studies on steel fiber reinforced self-compacting concrete using fly ash and rice husk ash
749. Identification and investigation of solid waste dumping site in Mandya
750. A study of laterite particles in adsorption of oil and grease
751. Stabilization of subgrade using geosynthetics
752. Infiltration study in and around Bhatkal region
753. Uniformity studies and performance of sprinkler and drip irrigation in Bhatkal region
754. Utilization of pozzolanic wastes in the production of waste coiled fibre reinforced concrete
755. Use of recycled aggregates, waste plastic fibres and flyash in the production of bituminous mix for flexible pavements
756. An experimental investigation on the strength and workability characteristics of polypropylene fiber reinforced tertiary blended concrete using industrial wastes
757. Effective utilization of bauxite residue (red mud) in brick making
758. Experimental studies on structural behaviour of composite slabs
759. Identification, delineation and mapping of micro watersheds and rehabilitation studies on traditional rain water harvesting structures in the Mulky river basin
760. Design and construction of floating structure
761. Design of conveyance system for construction materials
762. Load carrying capacity of masonry vaults- experimental investigation on scaled masonry
763. Seismic resistance verification of confined masonry using shock table studies
764. Studies on rat trap bond masonry using stabilized mud blocks
764. A comparative study on various antistripping agents in bituminous mixes

765. Effect of ageing in various bituminous mixes
766. Creation of digital database for gce campus
767. Comparative strength analysis of rubbers and/cement and mortar-encased steel composite columns for seismic resistance
768. Comparative strength analysis of concrete/sfrc-encased steel composite columns for seismic resistance
769. Studies on sleeved composite columns confined with glass fiber reinforced polymer (gfrp) for seismic resistance
770. Study on behaviour of composite column
771. An experimental investigation on utilization of fly ash for alternative masonry units
772. Utilisation of iron ore tailings as an alternative fine aggregate
773. Solid waste management of Bagalkot city a case study
774. Variation of aggregate impact value (aiv) based on specific gravity and flakiness of aggregate
775. Utilization of sugar-lill waste water for biogas generation using hybrid anaerobic reactor
776. Modernization of Hubli airport
777. Fibre reinforced concrete and cocktail fibre reinforced concrete as repair materials
778. Strength characteristics of hybrid fiber reinforced concrete using waste rubber tyre and waste coiled fibers
779. Characteristic study of bc soil of Budni village
780. Experimental studies on mix proportioning and strength properties of pavement quality and lean concrete with high volume flyash
781. Stabilisation of black cotton soil using bioenzymes for pavement construction
782. Study on blending of quarry dust in large volume for structural component available in Udupi and D.K.
783. Study on utilisation of building materials from demolished structures
784. An experimental study on effect of ratio of different sized coarse aggregates on compressive strength of self compacting concrete
785. Watershed analysis of Tippagondanahalli lake using remote sensing and GIS implications for watershed management
786. Determination of CBR value by correlation and regression analysis
787. Interlocking in mud blocks for improved flexural strength and earthquake resistance

788. Flexural behaviour of gfrp wrapped masonry beams
789. Effect of air void content inaging characteristics of bituminous mix
790. Bearing capacity of annularring footings resting on reinforced sand
791. Creation of base map for water and sewage network for ramanagaram town using remotesensing and geographic information system
792. Sustainable and cost effective building material technology through partial replacement of cement by granite cutting slurry waste powder and partial replacement of coarse aggregates by mangalore tile bats for arch lintels
793. Design and evaluation of high volume flyash concrete forrigid pavement overlays geopolymer mortar
794. Evaluation of minimum shearreinforcement in rc beams geopolymer concrete
795. Studies on ductility of reinforced concrete beams in shear
796. Influence of volume of paste on fresh and hardened properties of self compacting concrete using recycled aggregates
797. Study on strength behaviour of concerte using foundry dust in fine aggregate
798. Assessment of water quality index for ground water case study-dharwad taluka
799. Measurement of evapotranspiration using lysimeter
800. Enhancing the strength properties of recycled aggregate concrete through theuse of supplimentary cementing materials
801. Experimental studies on air entrained ferrocement panels with high volume fly ash and compatibility of its connection
802. Rice husk ash concrete blocks
803. An integrated approach for the sustainable watershed development in mulki river
804. Novel material for water treatment
805. Master planning for developing an underdeveloped area at indiranagar madikeri
806. Water resource assessmentand management plan generationusing remote sensing and geographical information system-a case study of doddamudavadi micro watershed
807. Mix design and strength characteristics of reactive powder concrete
808. Experimental study on resistance of self compacting concrete to elevated temperature and verification of ratio of compressive strengths of cube to that of cylinder for scc
809. A study on municipal solid waste management in outtur town-dakshina kannada.
810. Effect of domestic wastewater on soil properties around treatment plant
811. Electrochemical coagulation(ecc) technology for treatment of hospital wastewater
812. Waterclarification using moringa oleifera (drumstick seeds)

813. Comparative study of colour removal and treatment of coffee effluent using bagasse fly ash and laterite as a filtering media
814. Earthquake resistant design and construction
815. Light weight concrete
816. Heavy density concretes for nuclear reactors
817. Study of machine foundation for hydraulic laboratory.
818. Seminar topic
819. Corrosion of reinforcement in hvfa concrete
820. Advanced construction materials : microsilica in concrete
821. Oceans as a non- conventional source of energy
822. Silica fume concrete
823. High performance concrete
824. Application of infrared thermography in concrete engineering
825. Self compacting concrete 8. safety in nuclear power plants
826. Superplasticisers for ready mix concrete plants
827. Fatigue behaviour of steel fibre reinforced concrete beams
828. Seismic behavior of isolated bridges
829. Use of discrete fiber in road construction
830. Stress ribbon bridges
831. Solid waste management
832. Passive solar buildings
833. Smart materials
834. Nanomaterial
835. New techniques of erosion control on hill roads
836. Trenchless technology
837. Smart material actuators
838. Advancement in concrete technology
839. Plastic as soil stabilizer
840. Runway resurfacing
841. Magnetorheological fluids and devices
842. Evacuation patterns in high rise buildings
843. Self compacting concrete (scc)
844. Rain water diversion
845. Cfst columns
846. Hazardous waste disposal
847. Mobile inspection platform

848. Recycling of waste water
849. Biomimicry
850. Engineering aspects of reinforced soil
851. Reservoir induced seismicity
852. Interlinking of Indian rivers -challenges and prospects
853. Seismic retrofitting in buildings
854. The aesthetics of proportion in structural form
855. New techniques of waste water management
856. Design aspects for terrorist resistant buildings
857. Polymer composites in bridge rehabilitation
858. Impact of lightning on building and its remedial measures
859. Effect of oil spill on marine environment
860. Flexible pavement
861. Fire behavior of steel penetrating concrete wall
862. Geosynthetics 46.bio – engineering techniques for erosion control in slopes
863. Pavement design by using geotextile
864. Engineering aspects of reinforced soil
865. Pile-soil situation
866. Rehabilitation and repairs of corrosion distressed structures by composite fibre
867. Wrapping and electrochemical techniques
868. Passive solar buildings
869. Activated flyash as a binder in pavement
870. Approaches to greenbelt design
871. Stress ribbon bridges
872. Monolithic concrete domes
873. Stabilisation of clay using lime and pond ash
874. Runway resurfacing and repair using modern materials & techniques
875. Perpetual pavements
876. Mineral admixtures for high performance concrete
877. New techniques of waste water management
878. Retrofitting using FRP laminates
879. Space hotel
880. Environmental impact assessment
881. Water supply and sanitation
882. Construction challenges for bridges in hilly area
883. Intelligent transport system

884. Basalt rock fibre (brf)
885. Design considerations for roadside safety
886. Natural fibres in concrete
887. Reactive powder concrete
888. Continuously reinforced concrete pavement
889. Analysis of dynamic cone penetration (dcp) test results for pavement design
890. Pavement evaluation and application of geotextiles in pavements
891. Emergency shelter through superadobe technology
892. Production of biogas from paddy straw
893. Bio-medical waste management and the strategy
894. Provision of tunnels
895. Decorative concretes
896. Gis and its applications
897. Remote sensing
898. Seismic analysis of structures (bridges)
899. Liquefaction potential assessment
900. The role of soils in purifying wastewater effluents
901. Soil stabilization with rice husk ash and lime sludge
902. Thermally comfortable passive house for tropical uplands
903. Environmental impact assessment
904. Formwork types & design
905. Disaster recovery
906. Value engineering
907. Green buildings for quality living
908. Recycled aggregate concrete
909. Repair and strengthening of concrete structures
910. Repair using modern materials & techniques
911. Laminated floorings
912. Advance construction techniques
913. Mixed traffic control & behavior
914. Latest advances in 2d efm and
915. 3d fem slab & raft design software
916. Continuously reinforced concrete pavement
917. Formwork and supportive scaffolding
918. Global positioning system
919. Marine pollution

920. Piled embankment systems
921. Advances in composite materials
922. Reflection cracking of bituminous overlay and its control
923. Bamboo as a building material
924. Construction engineering systems
925. Power quality improvement
926. Waterswing
927. Soil and water conservation / watershed management
928. Hydraulic structure and water power engg.
929. Highway safety
930. Piano key spillways for dams
931. Structural behavior measurement
932. Water resources development in developing countries
933. The robustness of steel beam-to-column connections
934. Effects of blast on laminated glass panels
935. Permeability of concrete incorporating limestone filler and pulverised fuel ash
936. Studies of a simplified method for slab fire resistance
937. Robustness of steel joints in fire using stainless
938. Layout optimization of 3d frames – simplification of structures
939. Unbalanced moment resistance by shear in slab-column connections
940. Fatigue of concrete
941. Seismic design and analysis of reinforced concrete structures
942. Modelling the shear components of connections in fire
943. The effect of boundary conditions on tests on steel fibre reinforced concrete
944. Bonding between rock aggregates and cement pastes in concrete
945. Effect of variable stiffness in the hogging region on the distribution of moments in continuous beams
946. Finite element modelling of suspension bridge
947. Response of steel connections to impulsive loading
948. Seismic resistance of reinforced concrete flat slabs
949. Vibration performance of long-span composite building floors
950. Featuring lightweight concrete slab
951. Punching shear design of flat slabs
952. Modelling soil-structure interaction in masonry arch bridges
953. Construction innovation-fibre reinforced concrete with recycled materials
954. Seismic strengthening of rc structures

955. Bond strength models for frp-strengthened structures
956. Finite element modelling of the shear behaviour of steel fin-plate and bolt assemblies at high temperatures
957. Collapse mechanisms of composite slabs in fire
- bolt assemblies at high temperatures
957. Collapse mechanisms of composite slabs in fire
- 

### **1. Designing.**

- a) Concrete structures.
- b) Steel structures.
- c) Pre engineered concrete structures.
- d) Pre engineered steel structures.**
- e) Green buildings.
- f) Economical design of structures.
- g) Design of bridge and flyovers.
- h) Box culverts and check dams.
- i) Irrigation structures.
- j) Design of pavements,
  - Flexible.
  - Rigid.
  - Wbm.
  - Combination of any of the above.
  - Re use of dismantled asphalt base.
  - Case study on traffic volume using ADT and AADT.
  - Traffic signaling ect...

### **2. Estimation and rate analysis.**

- a) Using standard scheduled rate sheet.
- b) Market cost analysis.
- c) Tendering & Billing.

### **3. Project management.**

- a) Construction project management Using CPM and PERT method.
- b) Construction project management Using Ms project and Primavera.

### **4. Execution phase.**



- a) do's and don't's during execution.
- b) site management.

#### **5. Geotechnical engineering.**

- a) Site investigations.
- b) Soil tests.
- c) Ground improvement techniques (GIT).

#### **6. Quantity surveying (Material analysis).**

#### **7. Quality control.**

- a) Quality analysis tests .
- b) Grading material as per quality tests.

#### **8. Case studies.**

#### **9. Site Safety management.**

### **Structural Engineering Designs**

- Design of Residential Buildings.
- Design of Commercial Buildings.
- Design of Apartment Buildings.
- Design of 10 stories Buildings.
- Design of 25 stories Buildings.
- Design of 100 stories Buildings.
- Design of Bank Buildings.
- Design of Office Buildings.
- Design of Buildings by WIND LOAD.
- Design of Buildings by SEISMIC LOAD.
- Design of Buildings by LOAD combinations.
- Design of Buildings on hilly areas.
- Design of retaining walls.
- Design of Pre engineering structures.
- Design of Steel Structures.
- Design of roof truss (Bus stops, Railway sheds, Go downs).
- Design of Gantry Girder.

- Design of Electric high tension pole.
- Design of Foot over bridge.
- Design of Portico Design.
- Design of Overhead water tanks (Intze type).
- Design of Pipe culverts.
- Design of Deck type Bridges.
- Design of General Bridges. & many more exciting topics
- Design and Analysis of RCC structures
- Design and Analysis of Beam supported Bridge
- Design and Analysis of Single Lane Road Bridge(SLRB)
- Design and Analysis of Double Lane Road Bridge(DLRB)
- Design and analysis of Inlet Structures.
- Retaining wall design.
- Eco friendly building design
- Green building design
- Cross drainage works
- Design of super passage
- Design of Canal Drops
- Design of Causeways
- Girder design
- Design of Box Culverts

**Note: - By Using**

**Staad pro, Etabs, Prokon, Strap AutoCAD**

### **Construction project management**

- Building construction project management
- pre Engineered structures Construction Project Management
- Pre cast structures Construction Project Management

- Bridges/flyovers Construction Project Management
- Eco-friendly buildings Construction Project Management
- Safety Management Construction Project Management
- Safety Management
- Quality Management
- Project Planning
- Road Construction Project Management
- Rock fill dam Construction project Management
- Earth Dam Construction project Management
- Canal construction project management.
- Metro railway construction project management.
- Railway construction project management.
- Transportation Engineering Construction Project Management.
- Engineering Project Management
- Comprehensive Construction Methods and Planning

**Note: By using CPM & PERT techniques and primavera p8.**

### **GEOTECHNICAL ENGINEERING**

- Soil Tests
- Sieve analysis of soil test
- Hydrometer analysis of soil Test
- Subsurface Exploration
- Plastic and Liquid limit Method
- Shrinkage Limit Method
- Vane shear test
- Sp gravity of soil by pycnometer Method
- Types of Structural foundations
- Plate Load Test
- Standard Penetration Test
- Standard Proctors Test
- Modified Proctors Compaction Test

- Core cutter Method
- California Bearing Ratio Test (CBR)
- Geotechnical Investigations for Project

## **TRANSPORTATION ENGINEERING**

- Project Report on National Highways
- Project Report on State Highways
- Flexible Pavement
- Rigid Pavement
- Safety in Road Construction
- Service Roads
- Material Specifications of Embankment
- Material Specifications of Sub Grade
- Material Specifications of GBS
- Material Specifications of WBM
- Traffic Engineering
- Airport systems Planning and Design
- Urban Transportation design.

**Note:** By using Mx Roads, F pavement, Bakaga for M.Tech (Transportation) students.

## **Quantity Surveying , Estimation & costing**

- Estimation and Quantity surveying for Residential Buildings.
- Estimation and Quantity surveying for Commercial Buildings.
- Estimation and Quantity surveying for Apartment Buildings.
- Estimation and Quantity surveying for 10 stories Buildings.

- Estimation and Quantity surveying for 25 stories Buildings.
- Estimation and Quantity surveying for 100 stories Buildings.
- Estimation and Quantity surveying for Bank Buildings.
- Estimation and Quantity surveying for Office Buildings.
- Estimation and Quantity surveying for retaining walls.
- Estimation and Quantity surveying for Pre engineering structures.
- Estimation and Quantity surveying for Steel Structures.
- Estimation and Quantity surveying for roof truss (Bus stops, Railway sheds, Go downs).
- Estimation and Quantity surveying for Gantry Girder.
- Estimation and Quantity surveying for Electric high tension poles.
- Estimation and Quantity surveying for Foot over bridge.
- Estimation and Quantity surveying for Overhead water tanks (Intze type).
- Estimation and Quantity surveying for Pipe culverts.
- Estimation and Quantity surveying for Deck type Bridges.
- Estimation and Quantity surveying for General Bridges.
- Estimation and Quantity surveying for RCC structures
- Estimation and Quantity surveying for Beam supported Bridge
- Estimation and Quantity surveying for Single Lane Road Bridge(SLRB)
- Estimation and Quantity surveying for Double Lane Road Bridge(DLRB)
- Estimation and Quantity surveying for Inlet Structures.
- Estimation and Quantity surveying for Retaining wall
- Estimation and Quantity surveying for Eco friendly building
- Estimation and Quantity surveying for Green building design
- Estimation and Quantity surveying for Cross drainages

- Estimation and Quantity surveying for Girder design
- Estimation and Quantity surveying for Box Culverts

### **OTHER IMPORTANT TOPICS**

1. Rural Water Development.
2. Earth Quake Engineering.
3. Water Resource Engineering.
4. Principles of Remote Sensing
5. Ground water development
6. Surveying

**\*\* site visitings.**

**\*\* Live projects**

**\*\* Placement assistance**

1. STRENGTH AND DURABILITY CHARACTERISTICS OF CONCRETE MADE WITH SUPPLEMENTARY CEMENTITIOUS MATERIALS.
  2. PERFORMANCE APPRAISAL OF CONCRETE MADE WITH OPC & PPC.
  3. Study of Mechanical Properties of Concrete with double Blending of Fly-ash.
  4. study of Mechanical Properties of Concrete with stone dust and gypsum
  5. Experimental study on toughness property of fiber reinforced self compacting concrete
  6. Effect of fly ash and silica fumes on compression and fracture behavior of concrete.
  7. Experiment evaluation of Nano composite concrete
  8. Influence of fiber and ductile properties of engineered cementations composite concrete
  9. Experimental investigation on engineering properties of concrete with crumb rubber
  10. Experimental study on compressive strength of steel fiber reinforced concrete
  11. Experimental study on physical properties of recycle coarse aggregate
  12. Experimental study on physical properties of recycle coarse aggregate
  13. Effect of mineral and chemical admixture on fiber reinforce concrete
-