## [Project / Seminar Topics on Civil Engineering with Materials](https://sparklyn.com.ng/civil-engineering-project-and-seminar-material#project_seminar_topics_on_civil_engineering-with-materials)

**Below is the list of available proposal topics on Civil Engineering that can be selected for proposal write-up submission.**

### [List of Available Proposal Topics on Civil Engineering](https://sparklyn.com.ng/civil-engineering-project-and-seminar-material#list_of_available_proposal_topics_on_civil_engineering)

[**Analysis and Design of a Retaining Wall**](https://sparklyn.com.ng/analysis-and-design-of-a-retaining-wall-12925-d)

[**Hydraulic Modeling and Optimization of Waste Stabilization Pond Design for Developing Nations**](https://sparklyn.com.ng/hydraulic-modeling-and-optimization-of-waste-stabilization-pond-design-for-developing-nations-12907-d)

[**Lime and Fly Ash Stabilization on Brick Produced using Red Clay**](https://sparklyn.com.ng/lime-and-fly-ash-stabilization-on-brick-24084-d)

[**Utilization of Steel Slag for Stabilization of a Lateritic Soil**](https://sparklyn.com.ng/utilization-of-steel-slag-for-stabilization-of-a-lateritic-soil-12886-d)

[**Distribution of Potable Water in Awka Industrial Estate From an Existing Service Reservoir**](https://sparklyn.com.ng/distribution-of-potable-water-in-awka-industrial-estate-from-an-existing-service-reservoir-349-d)

[**Construction of Aluminum / Glass Window**](https://sparklyn.com.ng/construction-of-aluminum--glass-window-452-d)

[**Effect of Mix Ratio and Curing Water on the Compressive Strength of Oil Palm Shell (OPS) Aggregate Concrete**](https://sparklyn.com.ng/effect-of-mix-ratio-and-curing-water-on-the-compressive-strength-of-oil-palm-shell-ops-aggregate-concrete-12926-d)

[**Pollution Problems and an Engineering Approach to the Management and Control of Industrial Effluents**](https://sparklyn.com.ng/pollution-problems-and-an-engineering-approach-to-the-management-and-control-of-industrial-effluents-12905-d)

[**An Investigation Into the Properties of Stabilized Laterite Blocks**](https://sparklyn.com.ng/an-investigation-into-the-properties-of-stabilized-laterite-blocks-12889-d)

[**The Water Drainage Problems**](https://sparklyn.com.ng/the-water-drainage-problems-12888-d)

[**A Mathematical Model for Prediction of the Strength of Sancrete Cement Block (Application of Henry Scheffe’s and Osadebe’s Concrete Optimisation theory)**](https://sparklyn.com.ng/a-mathematical-model-for-prediction-of-the-strength-of-sancrete-cement-block-application-of-henry-scheffes-and-osadebes-concrete-optimisation-theory-12912-d)

[**Analysis of Travel Time in Owo (A Case Study of Oke Ogun Road)**](https://sparklyn.com.ng/analysis-of-travel-time-in-owo-a-case-study-of-oke-ogun-road-23708-d)

[**Comparing the Strength as Blocks Made From Cement and Lateritic Soil Cement and Red Earth Laterite Sand and Red Earth**](https://sparklyn.com.ng/comparing-the-strength-as-blocks-made-from-cement-and-lateritic-soil-cement-and-red-earth-laterite-sand-and-red-earth-12921-d)

[**Models for Predicting the Structural Characteristics of Sand-Quarry Dust Blocks**](https://sparklyn.com.ng/models-for-predicting-the-structural-characteristics-of-sandquarry-dust-blocks-12890-d)

[**The Impact of Effective Contract Planning on Contractors Profit**](https://sparklyn.com.ng/the-impact-of-effective-contract-planning-on-contractors-profit-12877-d)

[**Stochastic Section Modulus Requirement for Carbon Fibre Reinforced Plastic Pultruded Beams**](https://sparklyn.com.ng/stochastic-section-modulus-requirement-for-carbon-fibre-reinforced-plastic-pultruded-beams-12904-d)

[**Structural Detailing of a Single Storey Residential Building with Retaining in All**](https://sparklyn.com.ng/structural-detailing-of-a-single-storey-residential-building-with-retaining-in-all-12909-d)

[**Construction of Panel Door**](https://sparklyn.com.ng/construction-of-panel-door-348-d)

[**Route Survey of Road and Pavement Design (Rehabilitation / Modernization)**](https://sparklyn.com.ng/route-survey-of-road-and-pavement-design-rehabilitation-modernization-12928-d)

[**A Framework for Rural Roads Accessibility Planning**](https://sparklyn.com.ng/a-framework-for-rural-roads-accessibility-planning-12938-d)

[**Evaluation of Saw Dust Ash as Mineral Filler in Asphalt Mixture**](https://sparklyn.com.ng/evaluation-of-saw-dust-ash-as-mineral-filler-in-asphalt-mixture-12935-d)

[**Reinforcement Detailing of a Single Storey Residential Building with Retaining Wall**](https://sparklyn.com.ng/structural-reinforcement-detailing-of-a-single-storey-residential-building-with-retaining-wall-12915-d)

[**Causes, Prevention and Treatment of Damp on Building**](https://sparklyn.com.ng/causes-prevention-and-treatment-of-damp-on-building-12919-d)

[**Investigation of Anaerobic Processes in Septic Tank as a Wastewater Treatment Option**](https://sparklyn.com.ng/investigation-of-anaerobic-processes-in-septic-tank-as-a-wastewater-treatment-option-12903-d)

[**Use of Eggshell Powder and Palm Kernel Shell as Substitute for Fine and Coarse Aggregate in Concrete Production**](https://sparklyn.com.ng/use-of-eggshell-powder-and-palm-kernel-s-24352-d)

[**Reliability Analysis of a Prestressed Concrete Beam**](https://sparklyn.com.ng/reliability-analysis-of-a-prestressed-concrete-beam-12934-d)

[**Comparative Study of Strength of Bamboo Cane Fibre Concrete Beam and Reinforced Concrete Beam**](https://sparklyn.com.ng/comparative-study-of-strength-of-bamboo-25053-d)

[**Cost Evaluation of Road Traffic Accident in Nigeria Using Human Capital Approach**](https://sparklyn.com.ng/cost-evaluation-of-road-traffic-accident-in-nigeria-using-human-capital-approach-12918-d)

[**Basic Soil Test on Sub-Grade Soil Material and Flexible Pavement Design**](https://sparklyn.com.ng/basic-soil-test-on-subgrade-soil-material-flexible-pavement-design-12913-d)

[**Structural Detailing of a Reinforced Concrete Structure – Duplex Building**](https://sparklyn.com.ng/structural-detailing-of-a-reinforced-concrete-structure-duplex-building-12896-d)

[**An Approach to Mitigating Risk of Seismic-Induced Building Collapse in Nigeria**](https://sparklyn.com.ng/an-approach-to-mitigating-risk-of-seismicinduced-building-collapse-in-nigeria-12920-d)

[**An Investigation Into Quality of Aggregate in Road Construction**](https://sparklyn.com.ng/an-investigation-into-quality-of-aggregate-in-road-construction-12908-d)

[**Design of a Water Storage and Transmission System for Wastewater Reuse**](https://sparklyn.com.ng/design-of-a-water-storage-and-transmission-system-for-wastewater-reuse-12940-d)

[**Erosion; Causes and Control (A Case Study of Nekede Old Road Gully)**](https://sparklyn.com.ng/erosion-causes-and-control-a-case-study-of-nekede-old-road-gully-346-d)

[**Improving Septic Tank Performance by a New Rational Design Approach**](https://sparklyn.com.ng/improving-septic-tank-performance-by-a-new-rational-design-approach-12898-d)

[**Comparing Flood Frequency Analysis Using Annual Peak Rainfall Data**](https://sparklyn.com.ng/comparing-flood-frequency-analysis-using-annual-peak-rainfall-data-12936-d)

[**Effect of Locust Bean Waste Ash on Cement-Modified Black Cotton Soil**](https://sparklyn.com.ng/effect-of-locust-bean-waste-ash-on-cementmodified-black-cotton-soil-12878-d)

[**A Mathematical Model for Prediction of the Strength of Sandcrete Cement Block**](https://sparklyn.com.ng/a-mathematical-model-for-prediction-of-the-strength-of-sandcrete-cement-block-12882-d)

[**Structural Detailing in Reinforced Concrete of a Three Bedroom Detach Duplex**](https://sparklyn.com.ng/structural-detailing-in-reinforced-concrete-of-a-three-bedroom-detach-duplex-12927-d)

[**Comparing the Strength as Blocks Made From Cement and Laterite Soil Cement and Red Earth Laterite, Sand and Red Earth**](https://sparklyn.com.ng/comparing-the-strength-as-blocks-made-from-cement-and-laterite-soil-cement-and-red-earth-laterite-sand-and-red-earth-12916-d)

[**Strategies, Issues and Solutions of Refuse Management**](https://sparklyn.com.ng/strategies-problems-and-prospects-of-refuse-management-12897-d)

[**Effect of Groundnut Shell Ash on Soil Stabilization**](https://sparklyn.com.ng/effect-of-groundnut-shell-ash-on-soil-stabilization-12937-d)

[**Surface and Groundwater Quality Verification in Rivers State (A Case Study of Amaji and Elechi)**](https://sparklyn.com.ng/surface-and-groundwater-quality-verification-in-rivers-state-a-case-study-of-amaji-and-elechi-345-d)

[**The Compressibility Properties of Soil**](https://sparklyn.com.ng/the-compressibility-properties-of-soil-12917-d)

[**The Use of Straw Grass as a Reinforcing Material for Ring Culvert**](https://sparklyn.com.ng/the-use-of-straw-grass-as-a-reinforcing-23925-d)

[**Engineering Approach to the Management and Control of Industrial Effluent (A Case Study of Oyato Bakery in Akure)**](https://sparklyn.com.ng/engineering-approach-to-the-management-a-24059-d)

[**Structural / Reinforcement Detailing of a Single Storey Residential Building**](https://sparklyn.com.ng/structural-reinforcement-detailing-of-a-single-storey-residential-building-12924-d)

[**Construction of Bookhelf in Wooden Form**](https://sparklyn.com.ng/construction-of-bookhelf-in-wooden-form-447-d)

[**Stochastic Evaluation of Offshore Carbon Fibre Reinforced Concrete Platforms on Aluminum Girders**](https://sparklyn.com.ng/stochastic-evaluation-of-offshore-carbon-fibre-reinforced-concrete-platforms-on-aluminum-girders-12894-d)

[**Development and Relevance of Software in Civil Engineering Construction**](https://sparklyn.com.ng/development-and-relevance-of-software-in-civil-engineering-construction-12922-d)

[**Construction of a Six Raised Panel Door**](https://sparklyn.com.ng/construction-of-a-six-raised-panel-door-12884-d)

[**Structural Detailing of a Reinforced Concrete Structure – Duplex**](https://sparklyn.com.ng/structural-detailing-of-a-reinforced-concrete-structure-duplex-12891-d)

[**The Impact of Procurement Systems on Construction Cost and Delivery**](https://sparklyn.com.ng/the-impact-of-procurement-systems-on-construction-cost-and-delivery-12880-d)

[**An Assessment of the Impact of Work Environment on the Productivity of Construction Skilled Workers in Imo State, Nigeria**](https://sparklyn.com.ng/an-assessment-of-the-impact-of-work-environment-on-the-productivity-of-construction-skilled-workers-in-imo-state-nigeria-12900-d)

[**Effect of Coarse Aggregate Sizes on Concrete**](https://sparklyn.com.ng/effect-of-coarse-aggregate-sizes-on-conc-24053-d)

[**Assessing the Effect of Motivation of Labor, Cost and Productivity on Construction Industry in Nigeria**](https://sparklyn.com.ng/assessing-the-effect-of-motivation-of-la-24427-d)

[**Critical Evaluation of Travel Time in Owo**](https://sparklyn.com.ng/analysis-of-travel-time-in-owo-23706-d)

[**The Effect of Bioremediation on the Compaction Parameters, CBR, and Permeability of Oil Polluted Soil**](https://sparklyn.com.ng/the-effect-of-bioremediation-on-the-compaction-parameters-cbr-and-permeability-of-oil-polluted-soil-12923-d)

[**Installation of Doors, Window and Burglary Proof to Workshop**](https://sparklyn.com.ng/installation-of-doors-window-and-burglary-proof-to-workshop-450-d)

[**Optimization of Bagasse Ash Content in Cement-Stabilized Lateritic Soil**](https://sparklyn.com.ng/optimization-of-bagasse-ash-content-in-cementstabilized-lateritic-soil-12914-d)

[**The Design and Construction of Burglary Proof (Window)**](https://sparklyn.com.ng/the-design-and-construction-of-burglary-proof-window-347-d)

[**The Effect of Sewage Effluent on the Permeability of Soil**](https://sparklyn.com.ng/the-effect-of-sewage-effluent-on-the-permeability-of-soil-12892-d)

[**ISO-Safety Design of Flat Slabs in Accordance with Eurocode 2**](https://sparklyn.com.ng/isosafety-design-of-flat-slabs-in-accordance-with-eurocode-2-12911-d)

[**Water Treatment Plant Model**](https://sparklyn.com.ng/water-treatment-plant-model-12893-d)

[**Stochastic Assessment of Nigerian Timbers for Bridge Decks in Accordance to AASHTO LFRD**](https://sparklyn.com.ng/stochastic-assessment-of-nigerian-timbers-for-bridge-decks-in-accordance-to-aashto-lfrd-12885-d)

[**Importance of AutoCAD in Civil Engineering**](https://sparklyn.com.ng/importance-of-autocad-in-civil-engineering-12899-d)

[**Detailing Structure of a Single Story Residential Building with Retaining Wall**](https://sparklyn.com.ng/structural-detailing-of-a-single-story-residential-building-with-retaining-wall-12883-d)

[**Effectiveness of Quality Assurance Strategies in Project Execution (A Study of Road Construction Projects in Owerri)**](https://sparklyn.com.ng/effectiveness-of-quality-assurance-strategies-in-project-execution-a-study-of-road-construction-projects-in-owerri-12879-d)

[**Construction of Bookshelf in Wooden Form**](https://sparklyn.com.ng/construction-of-bookshelf-in-wooden-form-12933-d)

[**Construction of a Wooden Bookshelf**](https://sparklyn.com.ng/construction-of-a-wooden-bookshelf-451-d)

[**Incorporation of Reliability Into Nigerian Empirical Mechanistic Pavement Analysis and Design System (NEMPADS)**](https://sparklyn.com.ng/incorporation-of-reliability-into-nigerian-empirical-mechanistic-pavement-analysis-and-design-system-nempads-12887-d)

[**Comparing the Strength of Blocks Made From Cement and Lateritic Soil with Lateritic and Bitumen**](https://sparklyn.com.ng/comparing-the-strength-of-blocks-made-from-cement-and-lateritic-soil-with-lateritic-and-bitumen-12902-d)

[**Effects of Aggregate Sizes on the Concrete Strength**](https://sparklyn.com.ng/effects-of-aggregate-sizes-on-the-concrete-strength-12895-d)

[**Evaluation of Water Quality Modelling Parameters; Towards the Evolvement of Re-Aeration Coefficient for Rivers in the Nigerian Environment**](https://sparklyn.com.ng/evaluation-of-water-quality-modelling-parameters-towards-the-evolvement-of-reaeration-coefficient-for-rivers-in-the-nigerian-environment-12906-d)

[**Improvement of Bearing Capacity of Sandy Soil by Grouting**](https://sparklyn.com.ng/improvement-of-bearing-capacity-of-sandy-soil-by-grouting-12939-d)

[**Construction of Reinforced Concrete Seat**](https://sparklyn.com.ng/construction-of-reinforced-concrete-seat-453-d)

[**An Assessment of the Impact of Abattoir Effluent Discharge on the Water Quality**](https://sparklyn.com.ng/an-assessment-of-the-impact-of-abattoir-effluent-discharge-on-the-water-quality-12910-d)

[**Comparative Analysis of the Strength of Concrete Made From Various Aggregate**](https://sparklyn.com.ng/comparative-analysis-of-the-strength-of-concrete-made-from-various-aggregate-12881-d)

[**Comparison of Water Quality From Rivers, Streams and Boreholes in Ebonyi State (A Case Study of shiagu, Aka-Eze, Amasiri and Okposi)**](https://sparklyn.com.ng/comparison-of-water-quality-from-rivers-streams-and-boreholes-in-ebonyi-state-a-case-study-of-shiagu-akaeze-amasiri-and-okposi-449-d)

[**Reliability Analysis of Reinforced Concrete Bridge Decks Subject to Fatigue**](https://sparklyn.com.ng/reliability-analysis-of-reinforced-concrete-bridge-decks-subject-to-fatigue-12932-d)

[**Evaluation of Bearing Capacity of Soil Layers (A Case Study of Owerri Federal Constituency)**](https://sparklyn.com.ng/evaluation-of-bearing-capacity-of-soil-layers-a-case-study-of-owerri-federal-constituency-448-d)

[**Design of Access Road From ‘TIPE’ School Gate to the School Staff Quarters**](https://sparklyn.com.ng/design-of-access-road-from-tipe-school-gate-to-the-school-staff-quarters-12931-d)

[**Effect and Implication of Fluoride on Drinking Well Water**](https://sparklyn.com.ng/effect-and-implication-of-fluoride-on-drinking-well-water-12929-d)

[**Design of Road Pavement Linking Mass Communication Department and Federal Secretariat Industrial Centre**](https://sparklyn.com.ng/design-of-road-pavement-linking-federal-secretariat-industrial-centre-12930-d)

[**Soil Survey**](https://sparklyn.com.ng/soil-survey-12901-d)

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