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

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

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

[**The Design and Construction of Hot Printing Machine**](https://sparklyn.com.ng/the-design-and-construction-of-hot-printing-machine-3481-d)

[**The Detail Fabrication of a Candle Moulding Machine**](https://sparklyn.com.ng/the-detail-fabrication-of-a-candle-moulding-machine-3400-d)

[**Assessment of Oil Extracts From Tiger Nut(Cyperus Esculentus), Water Melon (Citrullus Vulgaris) Andneem Seeds (Azadirachta Indica) as Cutting Fluids in Drilling Operation of Mild Steel**](https://sparklyn.com.ng/assessment-of-oil-extracts-from-tiger-nutcyperus-esculentus-water-melon-citrullus-vulgaris-andneem-seeds-azadirachta-indica-as-cutting-fluids-in-drilling-operation-of-mild-steel-3493-d)

[**Design and Fabrication of Corn Shelling Machine**](https://sparklyn.com.ng/design-and-fabrication-of-corn-shelling-machine-3417-d)

[**The Design and Fabrication of a Metal Bookshelf**](https://sparklyn.com.ng/the-design-and-fabrication-of-a-metal-bookshelf-3413-d)

[**Design and Construction of Mitchell Tilting Pad Apparatus**](https://sparklyn.com.ng/design-and-construction-of-mitchell-tilting-pad-apparatus-3447-d)

[**Design and Fabrication of a Laboratory Centrifuge**](https://sparklyn.com.ng/design-and-fabrication-of-a-laboratory-centrifuge-23764-d)

[**Design and Fabrication of a Pilot Production Plant for Paints**](https://sparklyn.com.ng/design-and-fabrication-of-a-pilot-production-plant-for-paints-3395-d)

[**Design and Fabrication of Basic Static and Dynamic Balancing Machine**](https://sparklyn.com.ng/design-and-fabrication-of-basic-static-and-dynamic-balancing-machine-3459-d)

[**A Stochastic Linear Programming Approach for the Production, Distribution and Inventory Systems of the Nigerian Bottling Company (NBC)**](https://sparklyn.com.ng/a-stochastic-linear-programming-approach-for-the-production-distribution-and-inventory-systems-of-the-nigerian-bottling-company-nbc-3394-d)

[**Design and Fabrication of a 12m3 Mobile Deep Freezer**](https://sparklyn.com.ng/design-and-fabrication-of-a-12m3-mobile-deep-freezer-3462-d)

[**The Fabrication of a Foldable Camp Bed**](https://sparklyn.com.ng/the-fabrication-of-a-foldable-camp-bed-3488-d)

[**Construction of a Potable Electric Operated with Radio Control Wireless Remote Motor Vehicle for Long Danza Bus**](https://sparklyn.com.ng/construction-of-a-potable-electric-operated-with-radio-control-wireless-remote-motor-vehicle-for-long-danza-bus-3420-d)

[**Construction of Two Face Gas Burner Construction of Two Face Gas Burner**](https://sparklyn.com.ng/construction-of-two-face-gas-burner-construction-of-two-face-gas-burner-3435-d)

[**Economic Viability of a Small Hydropower Plant**](https://sparklyn.com.ng/economic-viability-of-a-small-hydropower-plant-3430-d)

[**Investigation of the Effect of Moulding Sand (Natural and Synthetic) on Casting of Flange Using Aluminium**](https://sparklyn.com.ng/investigation-of-the-effect-of-moulding-sand-natural--synthetic-on-casting-of-flange-using-aluminium-3477-d)

[**Repair and Fabrication of a Refrigerator System**](https://sparklyn.com.ng/repair-and-fabrication-of-a-refrigerator-system-3457-d)

[**The Fabrication of a Single Face Pressurized Kerosene Cooker**](https://sparklyn.com.ng/the-fabrication-of-a-single-face-pressurized-kerosene-cooker-3486-d)

[**Repair and Rehabilitation of a Faulty Air Condition**](https://sparklyn.com.ng/repair-and-rehabilitation-of-a-faulty-air-condition-3433-d)

[**Design and Fabrication of a Mobile Refrigerator**](https://sparklyn.com.ng/design-and-fabrication-of-a-mobile-refrigerator-3408-d)

[**The Design of a CNC Mill for Product Prototyping**](https://sparklyn.com.ng/the-design-of-a-cnc-mill-for-product-prototyping-3455-d)

[**Investigation of Mechanical Properties of Zeolite-Y and ZSM-5 Catalysts Synthesized From Locally Available Clays**](https://sparklyn.com.ng/investigation-of-mechanical-properties-of-zeolitey-and-zsm5-catalysts-synthesized-from-locally-available-clays-3405-d)

[**Finite Element Model for Predicting Residual Stresses in Shielded Metal Arc Welding of Mild Steel Plates**](https://sparklyn.com.ng/finite-element-model-for-predicting-residual-stresses-in-shielded-metal-arc-welding-of-mild-steel-plates-3422-d)

[**The Design and Fabrication of Autonomous Polymer-Based**](https://sparklyn.com.ng/the-design-and-fabrication-of-autonomous-polymerbased-3448-d)

[**Design and Fabrication of a Mobile Deep Freezer**](https://sparklyn.com.ng/design-and-fabrication-of-a-mobile-deep-freezer-3423-d)

[**Construction of a Portable Electric Operated with Radio Control (Wireless Remote) Motor Vehicle for Long Valve Bus**](https://sparklyn.com.ng/construction-of-a-portable-electric-operated-with-radio-control-wireless-remote-motor-vehicle-for-long-valve-bus-3491-d)

[**Design and Fabrication of Maize Shelling Machine**](https://sparklyn.com.ng/design-and-fabrication-of-maize-shelling-24139-d)

[**A Project on Construction of Propeller Agitator**](https://sparklyn.com.ng/a-project-on-construction-of-propeller-agitator-3503-d)

[**Design and Construction of Corn / Maize Threshing Machine**](https://sparklyn.com.ng/design-and-construction-of-corn--maize-threshing-machine-3426-d)

[**The Repair of a Damaged Air Conditioner**](https://sparklyn.com.ng/the-repair-of-a-damaged-air-conditioner-3428-d)

[**Design and Fabrication of Automatic Potato Peeling Machine**](https://sparklyn.com.ng/design-and-fabrication-of-automatic-pota-24061-d)

[**Effect of Welding Consumables on the Microstructure and Mechanical Properties of a Welded SA 530 Gr 70 Steel**](https://sparklyn.com.ng/effect-of-welding-consumables-on-the-microstructure-and-mechanical-properties-of-a-welded-sa-530-gr-70-steel-3419-d)

[**Repair of a Damaged Air Conditioner in Engr. Ayogu and Okpe**](https://sparklyn.com.ng/repair-of-a-damaged-air-conditioner-in-engr-ayogu-and-okpe-3441-d)

[**The Construction and Fabrication of a Candle Moulding Machine**](https://sparklyn.com.ng/the-construction-and-fabrication-of-a-candle-moulding-machine-3442-d)

[**The Construction of a Standard Banking Oven (Mini-Oven) with Dual Power Source (Electric / Gas)**](https://sparklyn.com.ng/the-construction-of-a-standard-banking-oven-minioven-with-dual-power-source-electric--gas-3468-d)

[**Design and Construction of a Metallic Book Shelf**](https://sparklyn.com.ng/design-and-construction-of-a-metallic-book-shelf-3506-d)

[**Repair of an Air-conditioner**](https://sparklyn.com.ng/repair-of-an-airconditioner-3471-d)

[**The Fabrication of a Polythene Bag Sealing and Cutting Machine**](https://sparklyn.com.ng/the-fabrication-of-a-polythene-bag-sealing-and-cutting-machine-3482-d)

[**Design and Construction of a Bedside Refrigerator**](https://sparklyn.com.ng/design-and-construction-of-a-bedside-refrigerator-3407-d)

[**The Construction of an Electrical Stove with Three-Oven Apartment**](https://sparklyn.com.ng/the-construction-of-an-electrical-stove-with-threeoven-apartment-3474-d)

[**Fabrication of Metallic Bookshelf**](https://sparklyn.com.ng/fabrication-of-metallic-bookshelf-3470-d)

[**Project Repair and Fabrication of a Refrigerator System**](https://sparklyn.com.ng/project-repair-and-fabrication-of-a-refrigerator-system-3473-d)

[**Performance of Surge Arrestor Installation to Enhance Protection**](https://sparklyn.com.ng/performance-of-surge-arrestor-installati-24018-d)

[**The Design and Fabrication of a Commercial Grinding Mill**](https://sparklyn.com.ng/the-design-and-fabrication-of-a-commercial-grinding-mill-402-d)

[**The Construction and Fabrication of Metal Booksheet**](https://sparklyn.com.ng/the-construction-and-fabrication-of-metal-booksheet-3483-d)

[**Design and Fabrication of Mechanical Lawn Mower**](https://sparklyn.com.ng/design-and-fabrication-of-mechanical-lawn-mower-3410-d)

[**Assessment of Oil Spillage and It’s Control in the Oil and Gas Industry in Nigeria**](https://sparklyn.com.ng/assessment-of-oil-spillage-and-its-control-in-the-oil-and-gas-industry-in-nigeria-3446-d)

[**The Design and Construction of a WoodlaThe Machine**](https://sparklyn.com.ng/the-design-and-construction-of-a-woodlathe-machine-3429-d)

[**Design and Construction of a Two-Wheel Motorized Scooter**](https://sparklyn.com.ng/design-and-construction-of-a-twowheel-motorized-scooter-3485-d)

[**The Design and Fabrication of Mechanical**](https://sparklyn.com.ng/the-design-and-fabrication-of-mechanical-3432-d)

[**The Design and Construction of a Spin Dryer**](https://sparklyn.com.ng/the-design-and-construction-of-a-spin-dryer-3494-d)

[**Design and Fabrication of a Printing I Block Machine**](https://sparklyn.com.ng/design-and-fabrication-of-a-printing-i-block-machine-3461-d)

[**Refurbishing of Mechanical Engineering Drawing Studio**](https://sparklyn.com.ng/refurbishing-of-mechanical-engineering-drawing-studio-3389-d)

[**The Design and Fabrication of a Pilot Production Plant for Paints (Emulsion and Texcoat)**](https://sparklyn.com.ng/the-design-and-fabrication-of-a-pilot-production-plant-for-paints-emulsion-and-texcoat-3463-d)

[**Design and Analysis of a Small-Scale Cost-Effective CNC Milling Machine**](https://sparklyn.com.ng/design-and-analysis-of-a-smallscale-costeffective-cnc-milling-machine-3390-d)

[**Design and Fabrication of a Creep Testing Equipment**](https://sparklyn.com.ng/design-and-fabrication-of-a-creep-testing-equipment-3508-d)

[**The Construction of a Mobile Refrigerator Fridge**](https://sparklyn.com.ng/the-construction-of-a-mobile-refrigerator-fridge-3450-d)

[**Measurement and Evaluation of the Performance Properties of Selected Locally Produced Lubricants (Engine Oil)**](https://sparklyn.com.ng/measurement-and-evaluation-of-the-performance-properties-of-selected-locally-produced-lubricants-engine-oil-3489-d)

[**Design and Fabrication of a Palm Fruit Digester**](https://sparklyn.com.ng/design-and-fabrication-of-a-palm-fruit-digester-3424-d)

[**Operation and Maintenance Schedule of a Steam Turbine Plant**](https://sparklyn.com.ng/operation-and-maintenance-schedule-of-a-steam-turbine-plant-3469-d)

[**The Design and Construction of Baking Oven**](https://sparklyn.com.ng/the-design-and-construction-of-baking-oven-3436-d)

[**Repair and Rehabilitation of a Faulty Deep Freezer**](https://sparklyn.com.ng/repair-and-rehabilitation-of-a-faulty-deep-freezer-3472-d)

[**Application of Potential Transformer in Power System Protection**](https://sparklyn.com.ng/application-of-potential-transformer-in-24030-d)

[**Design and Construction of Journal Bearing Demonstration Rig**](https://sparklyn.com.ng/design-and-construction-of-journal-bearing-demonstration-rig-3507-d)

[**Repair of Deep Freezer in Mechanical Engineering Department**](https://sparklyn.com.ng/repair-of-deep-freezer-in-mechanical-engineering-department-3438-d)

[**The Impact of Jet Apparatus**](https://sparklyn.com.ng/the-impact-of-jet-apparatus-3403-d)

[**Design and Fabrication of Children Swing**](https://sparklyn.com.ng/design-and-fabrication-of-children-swing-3499-d)

[**Design and Fabrication of an Electric Stove and Oven**](https://sparklyn.com.ng/design-and-fabrication-of-an-electric-stove-and-oven-3478-d)

[**The Repair and Maintenance of a Faulty Deep Freezer**](https://sparklyn.com.ng/the-repair-and-maintenance-of-a-faulty-deep-freezer-3453-d)

[**Description of Cooling Mechanisms Using Water Jet Impingement as Applied to Run-Out Table in Steel Industry**](https://sparklyn.com.ng/description-of-cooling-mechanisms-using-water-jet-impingement-as-applied-to-runout-table-in-steel-industry-3393-d)

[**Mechanical Properties of an Aluminium Or Silicon Carbide Composite Connecting Rod Containing Varying Volume Fractions of SIC**](https://sparklyn.com.ng/mechanical-properties-of-an-aluminium-or-silicon-carbide-composite-connecting-rod-containing-varying-volume-fractions-of-sic-3425-d)

[**Design and Fabrication of a Pilot Production Plant**](https://sparklyn.com.ng/design-and-fabrication-of-a-pilot-production-plant-3458-d)

[**Design and Manufacture a Fuel Less Generator**](https://sparklyn.com.ng/design-and-manufacture-a-fuel-less-generator-3443-d)

[**The Design and Fabrication of Modern Lockable Bookshelf**](https://sparklyn.com.ng/the-design-and-fabrication-of-modern-lockable-bookshelf-3466-d)

[**Design and Fabrication of a Printing Machine**](https://sparklyn.com.ng/design-and-fabrication-of-a-printing-machine-3504-d)

[**Fabrication of a Standard Wheel Barrow**](https://sparklyn.com.ng/fabrication-of-a-standard-wheel-barrow-3399-d)

[**Design and Fabrication of Wood LaThe Machine**](https://sparklyn.com.ng/design-and-fabrication-of-wood-lathe-machine-3398-d)

[**Construction of Metal Sharpening and Dulling Device**](https://sparklyn.com.ng/construction-of-metal-sharpening-and-dulling-device-3475-d)

[**Design and Fabrication of an Office File Cabinet**](https://sparklyn.com.ng/design-and-fabrication-of-an-office-file-cabinet-3431-d)

[**Effect of Faulty Design and Construction on Building Maintenance**](https://sparklyn.com.ng/effect-of-faulty-design-and-construction-on-building-maintenance-3445-d)

[**The Construction and Fabrication of a Metal Bookshelf**](https://sparklyn.com.ng/the-construction-and-fabrication-of-a-metal-bookshelf-3414-d)

[**The Design and Fabrication of a Iron Shelling Machine**](https://sparklyn.com.ng/the-design-and-fabrication-of-a-iron-shelling-machine-3427-d)

[**Rectification and Repair of a Faulty Air Conditioner in the Mechanical Engineering Department**](https://sparklyn.com.ng/rectification-and-repair-of-a-faulty-air-conditioner-in-the-mechanical-engineering-department-3401-d)

[**Repair of a Damaged Refrigerator**](https://sparklyn.com.ng/repair-of-a-damaged-refrigerator-3464-d)

[**Report on Construction of Nylon Sealing and Cutting Machine**](https://sparklyn.com.ng/report-on-construction-of-nylon-sealing-and-cutting-machine-3451-d)

[**Design and Construction of Corn Threshing Machine**](https://sparklyn.com.ng/design-and-construction-of-corn-threshing-machine-652-d)

[**Design and Evaluation of Pediatric Gait Rehabilitation Robots**](https://sparklyn.com.ng/design-and-evaluation-of-pediatric-gait-rehabilitation-robots-3440-d)

[**Fabrication of Bench Shearing Machine**](https://sparklyn.com.ng/fabrication-of-bench-shearing-machine-3501-d)

[**Design and Construction of multi-purpose maize Thresher**](https://sparklyn.com.ng/design-and-construction-of-multipurpose-maize-thresher-23628-d)

[**Construction of a Screw Conveyor with a Single Phase Electric Motor**](https://sparklyn.com.ng/construction-of-a-screw-conveyor-with-a-single-phase-electric-motor-3418-d)

[**Construction of Two Face Industrial Gas Burner**](https://sparklyn.com.ng/construction-of-two-face-industrial-gas-24436-d)

[**Repair and Maintenance of a Faulty Deep Freezer in the Department of Mechanical Engineering**](https://sparklyn.com.ng/repair-and-maintenance-of-a-faulty-deep-freezer-in-the-department-of-mechanical-engineering-3490-d)

[**Design of Melon De-Husking and Separation Machine**](https://sparklyn.com.ng/design-of-melon-dehusking-and-separation-machine-3397-d)

[**Design and Construction of 2.5kg Weight Bench Vice**](https://sparklyn.com.ng/design-and-construction-of-25kg-weight-bench-vice-3404-d)

[**Fabrication of a Standard Wheelbarrow**](https://sparklyn.com.ng/fabrication-of-a-standard-wheelbarrow-3415-d)

[**The Fabrication of Metal Shelf**](https://sparklyn.com.ng/the-fabrication-of-metal-shelf-3454-d)

[**Manufacturing System Optimization; a Study of Unity and Efficiency in Production (UEP) in Peugeot Automobile Nigeria (PAN)**](https://sparklyn.com.ng/manufacturing-system-optimization-a-study-of-unity-and-efficiency-in-production-uep-in-peugeot-automobile-nigeria-pan-3487-d)

[**Assessment of the Impact of Power Outages on Commercial Consumers**](https://sparklyn.com.ng/assessment-of-the-impact-of-power-outages-on-commercial-consumers-3434-d)

[**Maintenance of 6.5 Horse Power Generators (H.P)**](https://sparklyn.com.ng/maintenance-of-65-horse-power-generators-hp-651-d)

[**Design and Fabrication of a Dust Extractor**](https://sparklyn.com.ng/design-and-fabrication-of-a-dust-extractor-3456-d)

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