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

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

### [List of Available Topics on Mechatronics Engineering](https://sparklyn.com.ng/mechatronics-engineering-project-and-seminar-material#list_of_available_topics_on_mechatronics_engineering)

[**Indoor Farming Hydroponic Plant Grow Chamber**](https://sparklyn.com.ng/indoor-farming-hydroponic-plant-grow-chamber-15991-d)

[**Automated Coconut Scraping Machine**](https://sparklyn.com.ng/automated-coconut-scraping-machine-16060-d)

[**MC Based Line Follower Robot**](https://sparklyn.com.ng/mc-based-line-follower-robot-16085-d)

[**Steering Mechanism Vehicle with Joystick Control**](https://sparklyn.com.ng/steering-mechanism-vehicle-with-joystick-control-16051-d)

[**Rough Terrain Beetle Robot**](https://sparklyn.com.ng/rough-terrain-beetle-robot-16049-d)

[**IOT Syringe Infusion Pump**](https://sparklyn.com.ng/iot-syringe-infusion-pump-15953-d)

[**Automatic Self Folding Dining Table**](https://sparklyn.com.ng/automatic-self-folding-dining-table-15947-d)

[**Semi Automatic Back Massager Machine**](https://sparklyn.com.ng/semi-automatic-back-massager-machine-15987-d)

[**Remote Controlled Pick and Place Robotic Vehicle**](https://sparklyn.com.ng/remote-controlled-pick-place-robotic-vehicle-16084-d)

[**Six Legged Spider Bot using Klann Mechanism**](https://sparklyn.com.ng/six-legged-spider-bot-using-klann-mechanism-16036-d)

[**Self Charging Solar Powered Drone**](https://sparklyn.com.ng/self-charging-solar-powered-drone-15954-d)

[**Water Level Monitoring and Control System using Ultrasonic Sensor**](https://sparklyn.com.ng/water-level-monitoring-and-control-syste-24090-d)

[**Fully Automated Solar Grass Cutter Robot**](https://sparklyn.com.ng/fully-automated-solar-grass-cutter-robot-16083-d)

[**Long Range Spy Robot with Metal Detection**](https://sparklyn.com.ng/long-range-spy-robot-with-metal-detection-16075-d)

[**Electromagnetic Braking System**](https://sparklyn.com.ng/electromagnetic-braking-system-16067-d)

[**Mini Mechanical Wire and Rod Cutter Machine**](https://sparklyn.com.ng/mini-mechanical-wire-rod-cutter-machine-15986-d)

[**Regenerative Breaking with Power Monitor**](https://sparklyn.com.ng/regenerative-breaking-with-power-monitor-16034-d)

[**Design and Fabrication of Motorized Scissor Jack**](https://sparklyn.com.ng/design-fabrication-of-motorized-scissor-jack-16048-d)

[**Dual Motor Electric Go-Kart for Rough Terrain**](https://sparklyn.com.ng/dual-motor-electric-gokart-for-rough-terrain-16088-d)

[**Hovercraft Controlled by Android**](https://sparklyn.com.ng/hovercraft-controlled-by-android-16082-d)

[**20 Litre Jar Automatic Cleaning and Washing machine**](https://sparklyn.com.ng/20-litre-jar-automatic-cleaning-and-washing-machine-16025-d)

[**Design and Manufacturing of Solar Powered Seed Sprayer Machine**](https://sparklyn.com.ng/design-and-manufacturing-of-solar-powered-seed-sprayer-machi-16021-d)

[**Remote Controlled Mini Forklift**](https://sparklyn.com.ng/remote-controlled-mini-forklift-16042-d)

[**Remote Controlled Robotic Arm Using Rf**](https://sparklyn.com.ng/remote-controlled-robotic-arm-using-rf-16077-d)

[**Automatic Seed Sowing Robot**](https://sparklyn.com.ng/automatic-seed-sowing-robot-16053-d)

[**2 Wheel Drive Forklift for Industry Warehouses**](https://sparklyn.com.ng/2-wheel-drive-forklift-for-industry-warehouses-16055-d)

[**Automatic Rain Water Sensing Umbrella**](https://sparklyn.com.ng/automatic-rain-water-sensing-umbrella-16011-d)

[**Multi-purpose Sea Surveillance + Search and Rescue RC Boat**](https://sparklyn.com.ng/multipurpose-sea-surveillance-search-rescue-rc-boat-16009-d)

[**Auto IV Pole with IV Bag Refill Alert**](https://sparklyn.com.ng/auto-iv-pole-with-iv-bag-refill-alert-15955-d)

[**360° Filmmaking Drone for 4K HD Video**](https://sparklyn.com.ng/360-filmmaking-drone-for-4k-hd-video-15982-d)

[**Wireless Humanoid Bionic Arm on Robotic Vehicle**](https://sparklyn.com.ng/wireless-humanoid-bionic-arm-on-robotic-vehicle-16038-d)

[**Silent Air Purifier and Humidifier**](https://sparklyn.com.ng/silent-air-purifier-humidifier-15966-d)

[**Obstacle Avoider Robotic Vehicle**](https://sparklyn.com.ng/obstacle-avoider-robotic-vehicle-16093-d)

[**360° Welding Cutting Rotary Turn Table Positioner**](https://sparklyn.com.ng/360-welding-cutting-rotary-turn-table-positioner-15990-d)

[**Water Landing and Take-off Drone**](https://sparklyn.com.ng/water-landing-and-takeoff-drone-15999-d)

[**Design and Fabrication of Automatic Pneumatic Ramming Machine**](https://sparklyn.com.ng/design-and-fabrication-of-automatic-pneumatic-ramming-machin-16017-d)

[**RF Controlled Robotic Vehicle with Metal Detection Project**](https://sparklyn.com.ng/rf-controlled-robotic-vehicle-with-metal-detection-project-16092-d)

[**Solar Outdoor Air Purifier and Air Quality Monitor**](https://sparklyn.com.ng/solar-outdoor-air-purifier-air-quality-monitor-15983-d)

[**Farm Protector Drone for using Arduino**](https://sparklyn.com.ng/farm-protector-drone-for-using-arduino-16002-d)

[**Four Wheel Steering Mechanism Project**](https://sparklyn.com.ng/four-wheel-steering-mechanism-project-16033-d)

[**Automatic Liquid Dispenser Vending Machine**](https://sparklyn.com.ng/automatic-liquid-dispenser-vending-machine-16003-d)

[**360° Aerial Surveillance UAV with IOT Camera**](https://sparklyn.com.ng/360-aerial-surveillance-uav-with-iot-camera-15981-d)

[**IOT Weather Station Airship**](https://sparklyn.com.ng/iot-weather-station-airship-15963-d)

[**DIY Tricopter Selfie Drone**](https://sparklyn.com.ng/diy-tricopter-selfie-drone-15975-d)

[**Automatic Waste Segregation System**](https://sparklyn.com.ng/automatic-waste-segregation-system-16015-d)

[**Bedini Wheel Using Electromagnetic Flux Generation**](https://sparklyn.com.ng/bedini-wheel-using-electromagnetic-flux-generation-16057-d)

[**Design and Fabrication of Vertically Wall Climbing Glass Cleaning Robot**](https://sparklyn.com.ng/design-and-fabrication-of-vertically-wall-climbing-glass-cle-16027-d)

[**2WD Vehicle Drone Air + Land Surveillance**](https://sparklyn.com.ng/2wd-vehicle-drone-air-land-surveillance-16000-d)

[**DIY 5DOF Wireless Hand Motion Controlled Robotic Gripper Arm**](https://sparklyn.com.ng/diy-5dof-wireless-hand-motion-controlled-robotic-gripper-arm-16014-d)

[**Arduino based Snake Robot Controlled using Android Application**](https://sparklyn.com.ng/arduino-based-snake-robot-controlled-using-android-applicati-16019-d)

[**Arduino Covid Disinfection Box**](https://sparklyn.com.ng/arduino-covid-disinfection-box-15970-d)

[**Voice Based Notice Board Using Android**](https://sparklyn.com.ng/voice-based-notice-board-using-android-24135-d)

[**Design and Fabrication of Battery Powered Monowheel**](https://sparklyn.com.ng/design-and-fabrication-of-battery-powered-monowheel-16031-d)

[**Intelligent Surveillance and Night Patrolling Drone**](https://sparklyn.com.ng/intelligent-surveillance-and-night-patrolling-drone-16013-d)

[**Voice Controlled Robotic Vehicle**](https://sparklyn.com.ng/voice-controlled-robotic-vehicle-16094-d)

[**Alcohol Detection with Go Kart Ignition Locking Project**](https://sparklyn.com.ng/alcohol-detection-with-go-kart-ignition-locking-project-16028-d)

[**AI Bartender Cocktail Maker Machine**](https://sparklyn.com.ng/ai-bartender-cocktail-maker-machine-15971-d)

[**Expandable Transforming Ebike 1 to 3 Seater**](https://sparklyn.com.ng/expandable-transforming-ebike-1-to-3-seater-16010-d)

[**Gearless Transmission Using Elbow Mechanism**](https://sparklyn.com.ng/gearless-transmission-using-elbow-mechanism-16068-d)

[**Power Saving System for Lathe**](https://sparklyn.com.ng/power-saving-system-for-lathe-16016-d)

[**Automatic Hydroponic Plant Grow Pot**](https://sparklyn.com.ng/automatic-hydroponic-plant-grow-pot-15944-d)

[**Anti-Riot Drone with Tear Gas**](https://sparklyn.com.ng/antiriot-drone-with-tear-gas-16005-d)

[**Design and Fabrication of External Pipe Climbing Robot**](https://sparklyn.com.ng/design-and-fabrication-of-external-pipe-climbing-robot-16004-d)

[**Fire Extinguisher and Fire Fighting Drone**](https://sparklyn.com.ng/fire-extinguisher-fire-fighting-drone-15984-d)

[**E Skateboard with Motion Sensing**](https://sparklyn.com.ng/e-skateboard-with-motion-sensing-16040-d)

[**Motorized 2 Wheel Scooter Project**](https://sparklyn.com.ng/motorized-2-wheel-scooter-project-16090-d)

[**Automatic Vacuum Cleaner Robot Project**](https://sparklyn.com.ng/automatic-vacuum-cleaner-robot-project-16046-d)

[**Motorized Chain Mechanism Hacksaw**](https://sparklyn.com.ng/motorized-chain-mechanism-hacksaw-16044-d)

[**Dual Side Potato Fries Maker Machine**](https://sparklyn.com.ng/dual-side-potato-fries-maker-machine-15960-d)

[**Football Shooter Soccer Ball Launcher Machine**](https://sparklyn.com.ng/football-shooter-soccer-ball-launcher-machine-15985-d)

[**High Performance Hovercraft with Power Turning**](https://sparklyn.com.ng/high-performance-hovercraft-with-power-turning-16058-d)

[**Fishing Drone**](https://sparklyn.com.ng/fishing-drone-15964-d)

[**SeaWave Power Generator with Solar**](https://sparklyn.com.ng/seawave-power-generator-with-solar-15949-d)

[**Push Based Box Transport Mechanism**](https://sparklyn.com.ng/push-based-box-transport-mechanism-16070-d)

[**Hand Motion Controlled Robotic Arm**](https://sparklyn.com.ng/hand-motion-controlled-robotic-arm-16079-d)

[**Design and Fabrication of Automated Punching Machine**](https://sparklyn.com.ng/design-fabrication-of-automated-punching-machine-16047-d)

[**Sustainable Fishing Drone Without Bycatch**](https://sparklyn.com.ng/sustainable-fishing-drone-without-bycatch-15951-d)

[**Pulley Based Movable Crane Robot**](https://sparklyn.com.ng/pulley-based-movable-crane-robot-16069-d)

[**Automatic Potato Peeling Machine**](https://sparklyn.com.ng/automatic-potato-peeling-machine-15962-d)

[**Automatic Wire Cutter and Stripper Machine**](https://sparklyn.com.ng/automatic-wire-cutter-and-stripper-machine-15977-d)

[**Smart Solar Grass Cutter with Lawn Coverage**](https://sparklyn.com.ng/smart-solar-grass-cutter-with-lawn-coverage-16056-d)

[**DIY Ventilator using Arduino for Covid Pandemic**](https://sparklyn.com.ng/diy-ventilator-using-arduino-for-covid-pandemic-15998-d)

[**thermal Vision RC Robotic Tank**](https://sparklyn.com.ng/thermal-vision-rc-robotic-tank-15957-d)

[**Portable PPE Kit Sterilizer Ozone + UV**](https://sparklyn.com.ng/portable-ppe-kit-sterilizer-ozone-uv-15992-d)

[**Coin Based Cola and Soda Vending Machine**](https://sparklyn.com.ng/coin-based-cola-soda-vending-machine-16045-d)

[**Rough Terrain Vehicle Using Rocker Bogie Mechanism**](https://sparklyn.com.ng/rough-terrain-vehicle-using-rocker-bogie-mechanism-16043-d)

[**Public Property Violation and Anti Littering Drone**](https://sparklyn.com.ng/public-property-violation-and-anti-littering-drone-16001-d)

[**Android Controlled Robotic Arm**](https://sparklyn.com.ng/android-controlled-robotic-arm-16078-d)

[**Long Range Spy Robot with Obstacle Detection**](https://sparklyn.com.ng/long-range-spy-robot-with-obstacle-detection-16074-d)

[**Rain Sensing Hands Free Umbrella Bag**](https://sparklyn.com.ng/rain-sensing-hands-free-umbrella-bag-15945-d)

[**Mini Conveyor Belt Mechanism**](https://sparklyn.com.ng/mini-conveyor-belt-mechanism-16087-d)

[**Wall Climbing Glass Cleaner Robot**](https://sparklyn.com.ng/wall-climbing-glass-cleaner-robot-15950-d)

[**Arduino Multi Player Air Hockey Table**](https://sparklyn.com.ng/arduino-multi-player-air-hockey-table-15973-d)

[**Pesticide Sprayer and COVID Sanitization Drone**](https://sparklyn.com.ng/pesticide-sprayer-covid-sanitization-drone-15956-d)

[**Pneumatic Paper Cup Making Machine Project**](https://sparklyn.com.ng/pneumatic-paper-cup-making-machine-project-16030-d)

[**Pneumatic Arm Hammer Attachment with Nail Puller**](https://sparklyn.com.ng/pneumatic-arm-hammer-attachment-with-nail-puller-15989-d)

[**Anti Riot Shield with Pepper Spray and Blinding**](https://sparklyn.com.ng/anti-riot-shield-with-pepper-spray-blinding-15980-d)

[**Mini Belt grinder Project**](https://sparklyn.com.ng/mini-belt-grinder-project-16032-d)

[**Quadriplegics Wheelchair Control by Head Motion using Accelerometer**](https://sparklyn.com.ng/quadriplegics-wheelchair-control-by-head-motion-using-accele-16022-d)

[**Solar Powered Water Trash Collector**](https://sparklyn.com.ng/solar-powered-water-trash-collector-16007-d)

### [Click here to view more proposal topics](https://sparklyn.com.ng/mechatronics-engineering-project-and-seminar-material)

### For other departmental proposal topics - [Click here](https://sparklyn.com.ng/project-and-seminar-materials)

### All Right Reserved | Sparklyn Services © 2022