

Aeronautical Engineering Final projects

- SET-434.** Design of a low cost helmet mounted dead reckoning navigation system.
- SET-466.** Autonomous Mobile Platform II with artificial intelligence using digital compass and GPS
- SET-419.** Solar Tracker Robot using Microcontroller. **(2011)**
- SET-631.** The Monitoring System design Of Harmful Gas inside Special Vehicle **(2012)**
- SET-632.** Wireless Black Box Using MEMS Accelerometer and GPS Tracking for Accidental Monitoring of Vehicles **(2012)**
- SET-638.** HAWK: An unmanned mini helicopter-based aerial wireless kit for localization **(2012)**
- SET-627.** Field Variables Monitoring in real time (GPS, soil moisture, temperature) with Precision Farming Applications **(2012)**
- SET-630.** Issues and Challenges of Wireless Sensor Networks Localization in Emerging Applications – **(2012)**
- SET-590.** An Accelerometer-Based Digital Pen with a Trajectory Recognition Algorithm for Handwritten Digit and Gesture Recognition **(2012).**
- SET-637.** Design of Vehicle positioning System Based on ARM **(2011)**
- SET-582.** Implementation of Tire Pressure Monitoring System with Wireless Communication. **(IEEE-2011)**
- SET-497.** Material handling robot controlling through wireless Zigbee using MATLAB.
- SET-529.** Construction of flying quad rotor with video surveillance system
- SET-531.** Intelligently navigable Robotic vehicle for Industries using compass and RFID
- SET-539.** RFID based instantaneous vehicle registration details extraction system
- SET-541.** Intruder Tracking Using Wireless Sensor Networks
- SET-547.** Ultrasonic Target Estimation Using Sonar Technology
- SET-548.** Ultrasonic Target Range Estimation and Obstacle detection Robot
- SET-553.** Implementation of Cryptography on PC using Zigbee
- SET-572.** Object distance tracking system
- SET-260.** Radar Velocity-measuring System Design and high speed alert intimation through SMS
- SET-258.** Obstacle Avoidance and Manhole detection Electronic travel aid Robot for blind

- SET-478.** Automatic brake comfort using ultrasonic sensor
- SET-482.** Evidence collection from car black boxes using
- SET-371.** PC controlled flying machine for weather monitoring system
- SET-413.** GPS based Geo weather data logging in 2GB Memory card
- SET-472.** MEMS Accelerometer controlled tilt sensing for Avionics applications
- SET-454.** Servo Motor Control using mobile phone.
- SET-223.** Missile detection and auto destroy system
- SET-10.** Zigbee based wireless Voice to Text translator in Airlines/Hospital assistant system for blind/Illiterates.
- SET-11.** Wireless GPS travel location data logger using Bluetooth/Zigbee.
- SET-467.** Touch Screen based communication assistant in Airlines using high speed CAN communication
- SET-468.** Solar-Assisted wireless communication assistant for Dumb/Illiterates in Airlines
- SET-09.** Touch screen and Zigbee based wireless communication assistant for Dumb and illiterates in Airlines
- SET-199.** Location aware mobile phone signal strength logger into 2GB memory card (MMC/SD/Micro SD)
- SET-13.** Smart Card and GPS based automatic bus ticketing system for traveled distance.
- SET-117.** Wireless vibration monitoring system of industrial equipments (Also useful for bridges monitoring).
- SET-152.** Micro Electro Mechanical Sensor (MEMS) Accelerometer based self-balancing robot.
- SET-200.** MEMS Accelerometer based digital photo frame with automatic position/view adjustment system (similar to digital cameras)
- SET-501.** Flight parameters based on CAN protocol.
- SET-502.** Real time implementation of CAN protocol in automobiles.
- SET-511.** Vehicle dash board using CAN communication
- SET-583.** CAN Based Distributed Control System For Autonomous All-Terrain Vehicle(ATV).
- SET-584.** Industrial Automation Using CAN Protocol
- SET-585.** Multivariable Parameter Interfacing With CAN Bus
- SET-195.** CAN protocol enable multi-region monitoring and control system.