

# Academic Projects (ECE)



1. Robotic Arm - Computer controlled Pic and Place Robot (wired or wireless)
2. Autonomous Bot with Artificial Vision for Obstacle Detection (180 deg)
3. Wireless operated War field spying Robot with night vision wireless camera
4. Construction of Flying Quad Rotor Chopper with Video camera Surveillance System
5. Gesture Controlled Robot - Micro Electro Mechanical Sensor (MEMS) Accelerometer/Gyroscope based self-balancing robot
6. Zigbee controlled Bot with wireless video and voice transmission with night vision capability
7. Mobile phone controlled four-legged walking robot with speed and direction control
8. Wireless operated war field land Rover that alerts on sensing planted Land Mines
9. DTMF based human less Robotic bot control for Ocean Research Application
10. Speech Recognition Robot with Ultrasonic Obstacle Avoidance System
11. Wireless Voice and image transmission robot for surveillance system
12. Wireless operated Fire extinguisher Robot with Water Jet Spray
13. Simple Metal Detecting Robot (Bomb detection Prototype)
14. Voice operated robot with Speaker Identification Technology
15. Wall Following Robot - Insect Mode – Microcontroller Based
16. Computer controlled Pic and Place Robot (wired or wireless)
17. Smoke and LPG Gas detection robot with wireless control
18. GSM (SMS) Mobile Phone Controlled Intelligent Robot
19. Industrial Surveillance System with Video Transmission
20. Digital Compass and GPS based Self Navigating Robot
21. Android Mobile Phone Controlled Bluetooth Robot
22. Infrared Light tracing Robot (TV Remote controlled)
23. Wi-Fi robot controlled from Android Smart Mobile
24. Obstacle detection Robot with Ultrasonic Sensors
25. Radio Frequency (RF) Controlled Wireless Robot
26. Stair Climber Robot (Optional - Belt / Legs / Lifts)
27. Speech controlled Wireless Elevator System
28. Accelerometer (Gyroscope) Controlled Robot
29. DTMF based Mobile phone controlled Robot
30. Build Your Own Mobile & Control the Robot
31. PC controlled wireless Multipurpose robot
32. Live Human detection and alerting Robot
33. Touch Screen Controlled Intelligent Robot
34. Mobile phone Bluetooth operated robot
35. Remote Controlled Land Rover
36. Visible Light Following Robot
37. PC Controlled Wired Robot
38. Obstacle Sensor Bot
39. Solar Tracking Robot
40. Line Follower Bot



# Academic Projects (EEE)



1. Solar Tracking Robot
2. Line Follower Bot
3. Obstacle Sensor Bot
4. PC Controlled Wired Robot
5. Accelerometer (Gyroscope) Controlled Robot
6. Radio Frequency (RF) Controlled Wireless Robot
7. Build Your Own Mobile & Control the Robot
8. Voice Operated Robot with Speaker Identification Technology
9. Robotic Arm - Computer controlled *PIC AND PLACE* Robot (wired or wireless)
10. Zigbee controlled Bot with wireless video and voice transmission with night vision capability
11. Autonomous Bot with Artificial Vision for Obstacle Detection (180 deg)
12. Smoke and LPG Gas detection robot with wireless control
13. Android Mobile Phone Controlled Bluetooth Robot
14. Wireless operated War field spying Robot with night vision wireless camera
15. Construction of Flying Quad Rotor Chopper with Video camera Surveillance System
16. Digital Compass and GPS based Self Navigating Robot
17. Wi-Fi robot controlled from Android Smart Mobile
18. GSM (SMS) Mobile Phone Controlled Intelligent Robot
19. Wireless Voice and image transmission robot for surveillance system
20. Live Human detection and alerting Robot
21. Gesture Controlled Robot - Micro Electro Mechanical Sensor (MEMS) Accelerometer/Gyroscope based self-balancing robot
22. Mobile phone controlled four-legged walking robot with speed and direction control
23. PC controlled wireless Multipurpose Robot
24. Speech Controlled Wireless Elevator System
25. Chimney Climber Robot with Servo Motors



# Academic Projects (Mech)



1. Robotic Arm - Computer controlled Pic and Place Robot (wired or wireless)
2. Accelerometer (Gyroscope) Controlled Robot
3. Obstacle Detection Robot with Mechanical Sensing Switches (Analog)
4. Stair Climber Robot (Optional - Belt / Legs / Lifts)
5. Line Follower Bot
6. Obstacle Sensor Bot
7. Autonomous Bot with Artificial Vision for Obstacle Detection (180 degrees)
8. Solar Tracking Robot
9. Wirelessly operated War field Spying Robot with Night Vision
10. Flying Quad Copter with Video Surveillance System
11. Gesture Controlled Robot – with MEMS Technology
12. Accelerometer/Gyroscope based self-balancing robot
13. Mobile phone controlled four-legged walking robot with speed and direction control
14. Obstacle detection Robot with Ultrasonic Sensors
15. Human-robot interface using Robust Speech Recognition
16. Remote Controlled Land Rover

# Academic Projects (CSE)



1. PC Controlled Wired Robot
2. Mobile phone Bluetooth operated robot
3. Touch Screen Controlled intelligent robot
4. Chimney Climber Robot with Servo Motors
5. PC controlled wireless Multipurpose robot
6. Intelligently Programed Solar Tracking Robot
7. DTMF based Mobile phone controlled Robot
8. Speech controlled Wireless Elevator System
9. Computer Controlled Pic and Place Robot (Wired or Wireless)
10. Voice operated Robot with Voice Identification Technology
11. Zigbee controlled Bot with Wireless Audio & Video transmission with night vision.
12. Android Based Mobile Controlled Bluetooth Robot
13. Wirelessly operated War field Spy Robot with night vision.
14. Construction of Arial Quad Copter with Video Surveillance System
15. Digital Compass and GPS based Self Navigating Robot
16. Wi-Fi Robot Controlled by Android Smart Mobile
17. GSM (SMS) Mobile Phone Controlled Intelligent Robot
18. Wireless Voice and image transmission robot for surveillance system
19. Infrared Light tracing Robot (TV Remote controlled)
20. Wireless operated war field land Rover that alerts on sensing planted Land Mines
21. Human-robot interface using Robust Speech Recognition
22. Wall Follower Robot - Insect Mode - Microcontroller
23. Industrial Surveillance System with Video Transmission
24. Voice Operated Intelligent Fire Extinguisher Vehicle
25. Speech Recognition Robot with Ultrasonic Obstacle Avoidance System