



N.E.D. University of Engineering & Technology, Karachi.
Department of Electronic Engineering

Approved List of Final Year 2015

Group ID	Project Title
1/2015	Development of an Autonomous Unmanned Air Vehicle (UAV) Platform
2/2015	Smart Wireless Controlled Fire Fighting Robot with Video Surveillance over Android Platform
3/2015	Miniturized Wireless Robotic Hand for Bomb Disposal Application
4/2015	FPGA Based Smart Wireless Industrial Control Model in Zigbee Environment
5/2015	GPS Based Collision Avoidance System for Vehicles
6/2015	Android Based Wireless System for Patient Health Monitoring
7/2015	Experimental Payload Unit of Satellite for Controlling and Monitoring U.A.V
8/2015	Hiding Information within images using Steganography
9/2015	Android Based Pollution/Toxic Gas Detector Analyzer
10/2015	Design & Implementation of Autonomous Unmanned Ground Vehicle for Reliable Military Operation
11/2015	Wireless Sensor Network for Health care monitoring and emergency alarm system
12/2015	Smart Attendance Recording System using Radio Frequency Technology
13/2015	ElectroDrill: A mobile Game for ElectronicsGeekson Android platform
14/2015	LPG and Natural Gas (leakage) Detector
15/2015	FPGA Based Wireless Controlled Autonomous Robot for Industrial Applications
16/2015	Maximum Power Point Tracking for Solar panels
17/2015	A Photovoltaic Inverter Controlled to operate at maximum efficiency using Maximum Power Point Tracking (MPPT) algorithm.
18/2015	Design and Development of a Hybrid Terrestrial and Aerial Quad rotor (HyTAQ) for Obstacle Detection and Surveillance application Using Raspberry-pi
19/2015	Wireless Detection of Lost Objects using AVR
20/2015	Automation of Reverse Osmosis Plant using H.M.I and PLC
21/2015	Smart Accident Detection and Rescue System
22/2015	Automatic Ground Station Antenna Pointing System for GEO Satellites
23/2015	FPGA Based Power Efficient Smart Industrial Security and Human Safety System



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24/2015	Hybrid-Energy Management using Smart Wireless Control
25/2015	Real Time Monitoring of Body Parameter using Bluetooth & WLAN
26/2015	Wireless Robotic Search & Rescue Operation for Calanities
27/2015	Hand Gesture Based Wireless Controlled Robotic Vehicle
28/2015	Smart Monitoring & Controlling of Industry using Arduino & Android Based Application
29/2015	Gesture Recognition System for Deaf and Dumb
30/2015	Wireless SCADA System for Refinery Process
31/2015	Position & Speed Control of AC Motor Using PID ControllerPLC
32/2015	Research and Development of a PV Electronic Inverter Powered by a Solar Panel System that produces Sharp and Accurate Sinuoidel results with a Solar Charge Controller
33/2015	Smart Solar Powered AC Motors
34/2015	Motor Control by Solar Panel
35/2015	Designing and Implementation of Industrial manipulator for Dynamic Environment