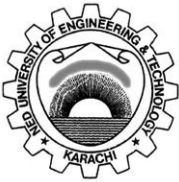




**N.E.D. University of Engineering & Technology, Karachi.**  
**Department of Electronic Engineering**

**Approved List of Final Year Batch 2007-08**

<b>Group ID</b>	<b>Project Title</b>
1/2007	Peak Power Tracking With Overload Protection And Charge Controller For Wind Turbines
2/2007	Design And Implementation Of Low Cost True Sine Wave Solar Inverter With Maximum Power Point Tracking
3/2007	Vision Based Real-Time Self-Localization Inside NED University Campus
4/2007	Design Of A Highly Linear Low Noise Amplifier For WLAN In 130 Nm CMOS Technology
5/2007	An Expert System For Electronic Component Sorting Based On LABVIEW
6/2007	Involuntary Reflex Face Recognition Attendance System For NED Students
7/2007	Clicker Based Attendance And Student Response System
8/2007	Design Of Internal UPS For PC
9/2007	Capacity Enhancement Of Wireless System Using Smart Beam Antenna And TCM
10/2007	10 Gbps FPGA Based Ethernet Network Card
12/2007	Design And FPGA Implementation Of 32k Point FET For DVB-T2 Receiver.
13/2007	Skin Tumour Detection Using Image Processing
16/2007	Design And Implementation Of Reconfigurable Computer Using FPGA
17/2007	Variable Speed AC Drive With Active Power Factor Correction (PFC)
18/2007	Brain Tumour Detection And Size Prediction Using Neuro Fuzzy Classifiers
20/2007	Fully Automatic, Industrial Packet Sorting, PLC Based, Pneumatic Robot Arm And Its Complete Control System
21/2007	Embedded Interactive Voice Response System (IVRS) For Process Control And Monitoring Using DSP Kit.
22/2007	Development Of GUI Based SPI Interface For Controlling Different Parameters Of Camera
23/2007	Capacity Enhancement Of Wireless System Using TCM And Smart Antennas Via MATLAB/OPNET
24/2007	Fuzzy Temperature Controller For Induction Heating
25/2007	An Effective, Secure, Novel Approach For Vehicle Monitoring By Introducing Image Capturing Module And Google Mapping
26/2007	HL7 Compliant Health Assessment Gadget For Patient Monitoring
27/2007	Clicker Based Attendance And Student Response System Using Blue Tooth
29/2007	Virtual Interface
30/2007	Induction Heating Using PID Controllers
31/2007	MATLAB Implementation Of DVB-T2 Receiver And FPGA Designing Of FFT/QAM



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## **Approved List of Final Year Batch 2007-08**

32/2007	Technological Aspects Of Security System -- Video Surveillance At Civil Hospital
33/2007	Implantation Of Body Area Network Using Intrabody Communication For Biometric System
34/2007	Solar Tracking System Using Microcontrollers
35/2007	Implementation Of Viterbi Decoder On FPGA
36/2007	Imaging Buffer For Parallel Arrays Of Imaging Sensors
37/2007	Online Hybrid Inverter
38/2007	Finger Gesture Recognition Using C-Language / FPGA For Replacing Pointing Device
39/2007	Design And Implementation Of Software Algorithm For Face Expression Detection Using MATLAB
40/2007	Innovation In JAM (Joint Makeup Analysis)
41/2007	Multiple Camera Interfacing On A Single Host Using Bluetooth
42/2007	<del>Estimation Of Object</del> <i>Real Time Target Tracking And Estimation Of Future Path Of Object Targeting</i> Using Generalized Kalman Filter
43/2007	Wireless Voip Communication System Based On Open Source Platform

**Ms. Amna Shabbir**  
**BE Class Advisor**