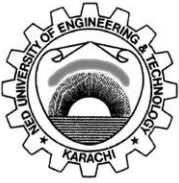




N.E.D. University of Engineering & Technology, Karachi.
Department of Electronic Engineering

Approved List of Final Year Batch 2006-07

Group ID	Project Title
1/2006	Design And Implementation Of Software Based Mimic Of Test Field With Real Time Data Acquisition(SIEMENS PAKISTAN)
2/2006	Optimization Over The Performance Of MCR (Microprocessor Controlled Constant Convent Regulation) & EFD (Earth Fault Detector) Module(SIEMENS Project)
3/2006	Modeling Design & Simulating The Physical Layer For The Smart Transceiver Compatible With LTE & WIMAX (IEEE 802.16e)
4/2006	Automotive EFI Controlling Through ECU (ELECTROINC CONTROL UNIT)
5/2006	Microcontroller Based Low Cost (PLC)
6/2006	PLC Based SCADA For Power Management And Monitoring Through Digital Communication.
7/2006	Power Factor Correction Using Two Approaches; Micro Controller Based And FPGA Based
8/2006	Deign And Implementation Of High Frequency Dual Converter
9/2006	Design And Implementation Of ON-BOARD Diagnostic Vehicles
10/2006	Design And Implementation Of ON-BOARD Diagnostic System (OBD II) For OBD Vehicles With Touch User Interface.
11/2006	High Seed Transformer Less Sine Wave UPS
12/2006	DVR Based Home Alarm System
13/2006	Design Of Physical Layer Of UMTS (Universal Mobile Telecommunication Systems)
14/2006	Development Of A High – Altitude UAV For Atmospheric Research (Mission Avionics And Sensors)
15/2006	PCI Based General Purpose Data Acquisition Card
16/2006	Designing Of Adaptive Equalizer For HSDPA Channel Profile
17/2006	Designing Of Automatic Starting Facility For Domestic Generator
18/2006	0.35um CMOS Low Noise Amplifier Chip Design
19/2006	Attenuate Energy Power Solution[AEPS]
20/2006	Automobile Security & Control System (AERO)
21/2006	Developing A Supervisory Control And Date Acquisition Setup For Various Industrial Processes Based On PLC.
22/2006	Early Tumor Detection Through Image Processing Using MRI
23/2006	Automatic Gearing Press Through PLC
24/2006	Vehicle Classification By License Plate Recognition And Identification Of Make And Model Using Active Appearance Modeling



Approved List of Final Year Batch 2006-07

25/2006	0.35 Um CMOS General Purpose Operational Amplifier Chip Design
26/2006	Intelligent Compartmentalization.
27/2006	Real Time Tracking Of A Path Of A Smart Flying Object
28/2006	Future Estimation Of The Path Of A Smart Flying Object
29/2006	Design Of Sandisk Compact Flash Interface With MPC-5554
30/2006	Smart Ad-Hoc Mobilized Run Book Automation
31/2006	Developing A Linux Based Telephone Exchange Having A Trunk To Generate Outboard Calls Using Voice Over IP (VOIP)
32/2006	Design & FPGA Implementation Of Channel Estimation Method & Modulation Technique For MIMO System
33/2006	"A Real-Time Traffic Control System For Emergency Vehicles"
34/2006	Designing A System Of Formatting A PSTN Call From VOIP Gateway To Telephone.
35/2006	Implementation And Up Gradation Of Automobile Modules Using FPGA
36/2006	Domestics And Open CV Based Security System
37/2006	Design And Implementation Of Multi Mode Dual Slope ADC In130nm CMOS Technology Mentor Graphics For Biomedical Data Acquisition
38/2006	PLC Based Automated Warehouse, Fearing Automated Storage & Retrieval Of Good-Programming Will Be Carried Out In S7 With An HMION WINCC. (SIEMENS PROJECT)
39/2006	Designing Ok Smart Energy Meter- An Implementation Of Advanced Metering Infrastructure (AMI)

Ms. Amna Shabbir
BE Class Advisor