Embedded Systems Design (630470)
First Semester 2010-2011 Projects

Project 1: Keypad Interfacing and Programming.
Project 2: Liquid Crystal Display (LCD) Interfacing.
Project 3: Analog Input/Output Interfacing.
Project 4: Calendar Design and Programming.
Project 5: Serial Input/Output Interfacing.
Project 6: Temperature Monitoring and Control.
Project 7: Pulse Width Modulation (PWM) Signal Generation.
Project 8: Stepper Motor Control.
Project 9: DC Motor Control.
Project 10: Speed and Position Measurement of a Rotating Shaft.
Project 11: Alarm System Design and Applications.
Project 12: Waveforms Generator Design.
Project 13: Digital Voltmeter Design.
Project 14: Fuzzy Logic Based Security System Design.
Project 15: Data Acquisition System Design.
Project 16: Design and Implementation of an Office Monitoring
            System.
Project 17: Microcontroller-Based Real-Time Algorithm
            Implementation.
Project 18: FPGA-Based Embedded System Design.
Project 19: Design and Implementation of a Programmable Casher
            Unit.
Project 20: Design and Implementation of an Elevator Controller.

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