EMBEDDED SYSTEM

School Of Electronics Engineering

Class 1 — Fundamentals of Embedded system (Introduction, Applications, MPMC , Introduction to Arduino)

Class 2 — Arduino Board Introduction, Arduino IDE

Class 3 — Types of Communication, Analog(ADC), DTH, LDR

Class 4 — Basic Terminologies, How to take input, Need of sensors, Type of sensors, IR & Ultrasonic Sensor

Class 5 — Bluetooth, UART

Class 6 — Interupt , DTMF

Class 7 — Pulse Width Modulation(PWM) , Seven Segment

Class 8 — Timers, I2C and SPI (basics)

Class 9 — Types of Motors, L293D, Relay

Class 10 — 7-Segment

Class 11 — LCD

Class 12 — Test and Project Ideation