

EMBEDDED SYSTEMS LAB

The Embedded Systems Lab is to enable the students to program, simulate and test the 8086, 8051, PIC 18 and ARM processor based circuits and their interfaces and To enable the students to program various devices using KIEL , MPLAB , XILINX ISE software. To provide a platform for the students to do multidisciplinary projects.



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Equipment Details	
Hardware/Software	Qty
Micro-processor Kit 8086 Based	03
ARM Controller Kit	01
Universal Microcontroller development Kit	06
Universal Microcontroller development Kit	04
8051 Board with GSM/GPRS	01
Embedded 8051 TCP/IP application board	01
Wi-Fi Application	01
Bluetooth Application Kit	01
Keil PK51 Software 8051 cross compiler	4 user license with 4 CD

Universal Programmer	01
Graphical LCD Display interface	03
Electronic sensor interface Board.	03
Embedded Transducer Board.	02
PC based Transducer Development Board.	02
Universal Embedded Development system Kit.	05
Universal 32Bit ARM Processor Board.	02
Mbed Xpresso Baseboard.	04
Universal Embedded Development Packagefacility for 8,16,32 bit Prcessor	10
8051 Board with GSM/GPRS (Kit)	04
Bluetooth application Kit	04
Universal Programmer	03