

## VLSI DESIGN LAB

1. VLSI SPARTAN 3E XCS500E
2. ARM SM LPC2148 KIT
3. DIGITAL ELECTRONICS LAB
4. COMMUNICATION LAB
5. SYSTEM DESIGNING LAB



### *Introduction:*

FPGA Offers more advantages than conventional Micro controller & Microprocessors for implementing dedicated jobs. These IC are also cost effective. The VLSI Board based on XILINX XCS250 E.

### *Specifications:*

- FPGA Operating at 20 MHz
- 2MB RAM is available for user XCF02S.
- FPGA XCS250E Consists of an 32bit CPU, more no of timer/counters and I/O ports.
- 9 pin D-Type connector for RS-232 interface.
- One timer and one external interrupt.
- Programs download from kit to PC using JTAG with XLINX Software.
- On Board USB Connector for USB device interface.
- On Board DIP Switch used for Logical Operations and input switches.
- On Board 8LED's for Displaying Output over DIP Switch.



### **SM MICRO SYSTEM**

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