

## Faculty of Information and Communication Engineering

### M.E. Applied Electronics

(R 2017) Semester – I

AP5111 Electronic system design laboratory - I

(Requirements for a batch of 25 students)

Sl. No.	Description of Equipment	Quantity required (R)	Quantity available (A)	Deficiency (R - A)
1.	Desktop computer	25		
2.	PIC 16 XXX / 18 XXX Microcontroller development system with relevant IDE, interfacing hardware like matrix key pad, seven segment display, LCD module, point LED, switches, I2C based RTC and EPROM, temperature sensor, buzzer etc and programming facility	5		
3.	MSP430 Microcontroller development system with relevant IDE, interfacing hardware like matrix key pad, seven segment display, LCD module, point LED, switches, I2C based RTC and EPROM, temperature sensor, buzzer etc and programming facility	5		
4.	8051 Microcontroller development system with relevant IDE, interfacing hardware like matrix key pad, seven segment display, LCD module, point LED, switches, I2C based RTC and EPROM, temperature sensor, buzzer etc and programming facility	5		
5.	8086 Development trainer with basic interfacing modules	5		
6.	TMS320C XXXX DSP based Development trainer	5		