DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Lab   :EMBEDDED LAB (ODD SEM)

LIST OF EQUIPMENT FOR A BATCH OF 30 STUDENTS (3 students per batch)

S.NO	LIST OF EQUIPMENTS	QTY
1	Embedded trainer kits with ARM board	10
2	. Embedded trainer kits suitable for wireless communication	10
3	Adequate quantities of Hardware, software and consumables	10

LIST OF EXPERIMENT

S.NO.	NAME OFTHE EXPERIMENT	Q
1	Study of ARM evaluation system.	1
2	Interfacing ADC and DAC.	1
3	Interfacing LED and PWM.	1
4	Interfacing real time clock and serial port.	1
5	Interfacing keyboard and LCD.	1
6	Interfacing EPROM and interrupt.	1
7	Mailbox.	1
8	Interrupt performance characteristics of ARM and FPGA.	1
9	Flashing of LEDS.	1
10	Interfacing stepper motor and temperature sensor.	1
11	Implementing zigbee protocol with ARM.	1
	List of experiments beyond the Anna University	
1	Interfacing Bluetooth module	1
2	Interfacing GSM module	1
3	Interfacing GPS module	1