

**ELECTRICAL AND ELECTRONICS ENGINEERING****ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	<b>Ms. B LAKSHMI PRASANNA</b>	Department:	<b>Electrical and Electronics Engineering</b>
Regulation:	<b>IARE - R18</b>	Batch:	<b>2019-2023</b>
Course Name:	<b>Microprocessors and Microcontrollers Laboratory</b>	Course Code:	<b>AECB26</b>
Semester:	<b>V</b>	Target Value:	<b>60% (1.8)</b>

**Attainment of COs:**

	<b>Course Outcome</b>	<b>Direct Attainment</b>	<b>Indirect Attainment</b>	<b>Overall Attainment</b>	<b>Observation</b>
CO1	Make use of emulators and assemblers for writing, compiling, loading and running an assembly language program.	1.60	0.00	1.6	Not Attained
CO2	Develop Assembly language program for accomplishing code conversions, string manipulations and sorting of numbers.	1.60	0.00	1.6	Not Attained
CO3	Choose serial or parallel communication for transmitting the data between microprocessor/ microcontroller and peripherals.	1.60	0.00	1.6	Not Attained
CO4	Utilize A/D and D/A converters with processor/controller for data conversion.	1.60	0.00	1.6	Not Attained
CO5	Select suitable registers of microcontroller and write assembly language program to verify timer/counter operations.	1.60	0.00	1.6	Not Attained
CO6	Build an interface between processor/controller and peripherals to provide solutions to the real world problems.	1.60	0.00	1.6	Not Attained

**Action Taken Report: (To be filled by the concerned faculty / course coordinator)**

CO1: provide extra lab classes on emulators and assemblers for writing, compiling, loading and running an assembly language program.

CO2: Need to take extra lab classes on Assembly language program for accomplishing code conversions, string manipulations and sorting of numbers

CO3: provide extra classes on serial or parallel communication for transmitting the data between microprocessor/ microcontroller and peripherals.

CO4: provide tutorial classes on A/D and D/A converters with processor/controller for data conversion

CO5: provide tutorial classes on suitable registers of microcontroller and write assembly language program to verify timer/counter operations.

CO6: provide extra classes on building interface between processor/controller and peripherals to provide solutions to the real world problems.

*Lakshmi Prasanna*  
Course Coordinator

*Lakshmi Prasanna*  
Mentor

*Lakshmi Prasanna*  
Head of the Department