INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Mr. N Nagaraju**	Department:	**EEE**
Regulation:	**IARE - R16**	Batch:	**2016 - 2020**
Course Name:	**Microcontroller and Digital Signal Processing Laboratory**	Course Code:	**AEC114**
Semester:	**VI**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Overall attainment	Observation
CO1	Write an assembly language programs for arithmetic and logical operation using 8086 microprocessor and 8051 microcontroller	1.6	Not Attained
CO2	Test the timer, counter and UART operation using assembly language programs in 8051	1.6	Not Attained
CO3	Convert analog signal to digital signal to interface 8051 with seven segment display	1.6	Not Attained
CO4	Generate linear and circular convolution with or without using built in function in MATLAB	1.6	Not Attained
CO5	Compute the FFT algorithms for reducing computational complexity of discreet Fourier transform	1.6	Not Attained
CO6	Design the IIR and FIR Filter using DSP Kits	1.6	Not Attained

Action taken report:

CO 1: Provide more open ended experiments on assembly language programs
CO 2: Provide more open ended experiments on UART operation
CO 3: Provide more open ended experiments on 8051 interface
CO 4: Provide more open ended experiments on MATLAB
CO 5: Provide more open ended experiments on FFT algorithms
CO 6: Provide more open ended experiments on IIR and FIR Filters

Course Coordinator   **Mentor**

Head of the Department
Electrical and Electronics Engineering **HOD**
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