



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

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|----------------------|---------------|---------------|-----------|
| Name of the Faculty: | Mr. Md Khadir | Department: | ECE |
| Regulation: | IARE-R18 | Branch: | 2018-2022 |
| Course Name: | EMI | Course Code: | AECB32 |
| Semester: | V | Target Value: | 60% (1.8) |

Attainment of Cos:

| Course Outcome | | Direct Attainment | Indirect Attainment | Overall Attainment | Observations |
|----------------|---|-------------------|---------------------|--------------------|--------------------------------------|
| CO1 | Illustrate the fundamentals and working principle of analog and digital instruments for measuring of electrical parameters. | 3 | 2.1 | 2.8 | Attainment target reached |
| CO2 | Demonstrate the building blocks and functionality of oscilloscopes to display and measure the parameters of the signals | 2.3 | 2.1 | 2.3 | Attainment target reached |
| CO3 | Utilize the signal generators to produce various signals for design and test the signal applications | 2.3 | 2.1 | 2.3 | Attainment target reached |
| CO4 | Analyze the relative amplitude of the signal and its harmonic components in frequency domain by using Signal Analyzers | 0.9 | 2.1 | 1.1 | Attainment target is not yet reached |
| CO5 | Identify appropriate bridge circuits for the measurement of unknown electrical parameters | 2.3 | 2.2 | 2.3 | Attainment target reached |
| CO6 | Select the suitable transducers for measuring electrical and non-electrical parameters to resolve the real-world problem | 2.3 | 2.2 | 2.3 | Attainment target reached |

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

CO4: Giving assignments and conducting tutorials on Signal Analyzers for measuring harmonic components in frequency domain.


Course Coordinator


Mentor


HOD

Head of the Department
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