# 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: | Dr. S China Venkateswarlu | Department: | M.TECH-EMBEDDED SYSTEMS |
| Regulation: | R18 | Batch: | 2018-2020 |
| Course Name: | Embedded Real Time Operating Systems | Course Code: | BESB22 |
| Semester: | III | Target Value: | 60% (1.8) |

## Attainment of COs:

| | Course Outcome | Direct Attainment | Indirect Attainment | Overall Attainment | Observations |
|---|---|---|---|---|---|
| CO1 | Outline the components of real time operating systems for the design of reliable embedded system. | 3 | 1.4 | 2.7 | Attainment target reached |
| CO2 | Interpret real time operating system to provide resource management and synchronization for communication systems. | 3 | 2.0 | 2.8 | Attainment target reached |
| CO3 | Identify Real-Time Clocks and System Clocks to keep tracks of current time and clock speeds. | 2.3 | 1.4 | 2.1 | Attainment target reached |
| CO4 | Construct memory management system for fragmentation and compaction. | 3 | 1.4 | 2.7 | Attainment target reached |
| CO5 | Examine hierarchical Timing Wheels to reduce timer overflow in single timing wheel and multiple timing wheels. | 3 | 2.0 | 2.8 | Attainment target reached |
| CO6 | Analyze finite state machine for the task scheduling and execution in kernel models. | 0.9 | 1.6 | 1 | Attainment target is not yet reached |

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

CO 6: Additional inputs are provided on analyzing finite state machine for the task scheduling and execution

**Course Coordinator**

**Mentor**

**HOD**

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