INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	**Dr. S China Venkateswarlu**	Department:	**M.Tech- EMBEDDED SYSTEMS**
Regulation:	**R18**	Branch:	**2020-2022**
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	1.5	2.7	Attainment target reached
CO2	Interpret real time operating system to provide resource management and synchronization for communication systems.	3	2.1	2.8	Attainment target reached
CO3	Identify Real-Time Clocks and System Clocks to keep tracks of current time and clock speeds.	2.3	1.6	2.2	Attainment target reached
CO4	Construct memory management system for fragmentation and compaction.	3	1.6	2.7	Attainment target reached
CO5	Examine hierarchical timing wheels to reduce timer overflow in single timing wheel and multiple timing wheels.	1.6	1.6	1.6	Attainment target is not yet reached
CO6	Analyze finite state machine for the task scheduling and execution in kernel models.	3	1.6	2.7	Attainment target reached

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

CO5: Additional inputs will be provided on programmable timers, timer interrupt service routines and soft timers

Course Coordinator

Mentor

HOD

Dr. P. Ashok Babu, M.E. Ph.D
Professor & Head
Electronics & Communication Engineering
Institute of Aeronautical Enginering
Dundigal, Hyderabad- 500 043. T.S.