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. V Padmanabha Reddy**	Department:	**M.Tech- EMBEDDED SYSTEMS**
Regulation:	**R18**	Branch:	**2020-2022**
Course Name:	**EMBEDDED SYSTEM DESIGN**	Course Code:	**BESB01**
Semester:	**I**	Target Value:	**60% (1.8)**

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Demonstrate the concepts of embedded systems and formalisms for System design	1.6	1.5	1.6	Attainment target is not yet reached
CO2	Identify the suitable hardware and memory technology and other components for different applications to meet the ever-growing needs of the embedded applications.	0.9	2.2	1.2	Attainment target is not yet reached
CO3	Select the other components required for interfacing the I/O devices with embedded systems	0.9	1.4	1	Attainment target is not yet reached
CO4	Categorize the embedded firmware design approaches and development languages used for programming embedded devices.	1.6	1.5	1.6	Attainment target is not yet reached
CO5	Make use an appropriate Real-time operating system and software tools for embedded system-based design.	2.3	1.8	2.2	Attainment target reached
CO6	Detect the task communication and synchronization methods to access multiple concurrent threads and tasks.	0.9	2.1	1.1	Attainment target is not yet reached

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

CO1: Giving assignments on characteristics and quality attributes of Embedded Systems.
CO2: Additional inputs will be provided on memory shadowing, memory selection for Embedded System.
CO3: Conducting tutorials on brown-out protection circuit and watchdog timer for more practice on real time applications.
CO4: Conducting Guest lectures on embedded firmware design approaches.
CO6: Giving assignments and conducting tutorials on task synchronization methods to access multiple concurrent threads and tasks

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.