



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

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

Name of the Faculty:	Ms. S Swathi	Department:	ECE
Regulation:	IARE-R18	Branch:	2018-2022
Course Name:	Digital Design Through Verilog	Course Code:	AECB44
Semester:	VII	Target Value:	60% (1.8)

Attainment of Cos:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Describe the basic language elements and data flow modelling constructs to implement the combinational and sequential circuits in Verilog.	1.6	2.3	1.7	Attainment target is not yet reached
CO2	Utilize the basic logic gate primitives and user defined primitives for implementing digital circuits in gate level modelling.	0.9	2.3	1.2	Attainment target is not yet reached
CO3	Illustrate the significance of structured procedures in behavioral modeling using blocking and nonblocking procedural assignments.	0.9	2.2	1.2	Attainment target is not yet reached
CO4	Make use of loop and conditional statements to describe the digital circuits in behavioral modeling.	3	2.2	2.8	Attainment target is reached
CO5	Identify the methods to specify delays on switch primitives for designing modules with time delays in switch level modeling.	2.3	2.3	2.3	Attainment target is not yet reached
CO6	Distinguish the synchronous and asynchronous sequential state machines for synthesizing the sequential circuits.	2.3	2.2	2.3	Attainment target is not yet reached

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

C01: Giving assignments and conducting tutorials on behavioral modeling using blocking and nonblocking procedural assignments for more practice.

C02: Practice tests are conducted on designing modules with time delays in switch level modeling

C03: Giving assignments and conducting tutorials on synchronous and asynchronous sequential state machines for synthesizing the sequential circuits

S. Swathi
Course Coordinator

J. S. S.
Mentor

[Signature]
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