



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND ENGINEERING(CYBER SECURITY)

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. MANOHAR REDDY	Department:	CSE(CS)
Regulation:	IARE – UG20	Batch:	2020- 2024
Course Name:	MATHEMATICAL FOUNDATION FOR CYBER SECURITY	Course Code:	ACCC01
Semester:	III	Target Value:	60% (1.2)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Utilize the concept of Number theory algorithms to understand and find the GCD of numbers?	1.6	2.2	1.7	Attainment target is not reached.
CO2	Apply all the Algebraic properties (CAII) to satisfy the algebraic relations and algebraic congruences?	0.9	2.2	1.2	Attainment target is not reached.
CO3	Explain the concept of probability that to understand the axioms of probability?.	0.6	2.2	0.9	Attainment target is not reached.
CO4	Analyze the concept of coding theory to implement mathematic formulations in the cryptography?	0.6	2.1	0.9	Attainment target is not reached.
CO5	Utilize the concept of Generator matrix that to implements a way to generate different codes?	0.9	2.2	1.2	Attainment target is not reached.
CO6	Explain the concept of Pseudo random bit generation to implement and achieve error correcting mechanism?	0	2.1	0.4	Attainment target is not reached.

Action taken report:

CO 1 & CO 2 & CO 3 & CO 4 & CO 5 & CO 6:

Need to provide content to be clear and problem-solving knowledge to understand all the concept, problems related concepts.

Course Coordinator

Mentor

HOD

Head of the Department
CSE (Cyber Security)
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