



## COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	<b>Mr. Y MANOHAR REDDY</b>	Department:	<b>Computer Science and Engineering (Cyber Security)</b>
Regulation:	<b>IARE - R20</b>	Batch:	<b>2021-2025</b>
Course Name:	<b>Mathematical Foundation for Cyber Security</b>	Course Code:	<b>ACCC01</b>
Semester:	<b>III</b>	Target Value:	<b>60% (1.8)</b>

**Attainment of COs:**

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Compare different Number theory algorithms to understand and find the GCD of numbers?	3.00	2.20	2.8	Attained
CO2 Recall all the Algebraic properties (CAII) to satisfy the algebraic relations and algebraic congruences?	3.00	2.20	2.8	Attained
CO3 Explain the concept of probability that to understand the axioms of probability?	0.30	2.20	0.7	Not Attained
CO4 Make Use of the concept of coding theory to implement mathematic formulations in the cryptography?	2.30	2.20	2.3	Attained
CO5 Utilize the concept of Generator matrix that to implements a way to generate different codes?	2.70	2.20	2.6	Attained
CO6 Explain the concept of Pseudo random bit generation to implement and achieve error correcting mechanism?	2.70	2.20	2.6	Attained

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

CO3: Need to provide more concepts and problems on probability that to understand axioms of probability.

Course Coordinator

Mentor

Head of the Department  
**Head of the Department**  
CSE (Cyber Security)  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad- 500 043.