INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Ms. B PRAVEENA**	Department:	**Electrical and Electronics Engineering**
Regulation:	**IARE - R20**	Batch:	**2021-2025**
Course Name:	**Complex Analysis and Probability Distributions**	Course Code:	**AHSC11**
Semester:	**IV**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Identify the fundamental concepts of analyticity and differentiability for finding complex conjugates , conformal mapping of complex transformations	1.30	2.50	1.5	Not Attained
CO2	Apply integral theorems of complex analysis and its consequences for the analytic function with derivatives of all orders in simple connected regio	0.60	2.50	1	Not Attained
CO3	Extend the Taylor and Laurent series for expressing the function in terms of complex power series	0.90	2.50	1.2	Not Attained
CO4	Apply Residue theorem for computing definite integrals by using the singularities and polesof real and complex analytic functions over closed curves	0.60	2.50	1	Not Attained
CO5	Explain the concept of random variables and types of random variables by using suitable real time examples	1.30	2.50	1.5	Not Attained
CO6	Interpret the parameters of random variate Probability distributions by using their probability functions, expectation and variance	0.70	2.50	1.1	Not Attained

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

CO1: explain the fundamental concept ofconcept of analyticity and differentiability for finding complex functions

CO2: concept of analyticityfor finding complex congugates more assignments of students

CO3: concept of analyticity and assignments of conformal mapping

CO4: more problems assignment of singularities and polesof real and complex analytic functions over closed curves

CO5: more pmore problems assignment of taylors and laurents series

CO6: more problems assignment of singularities of complex functions

B. Praveena
Course Coordinator

Mentor

Head of the Department