



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:	2020-2024
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	0.90	2.10	1.1	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	0.90	2.20	1.2	Not Attained
CO3	Extend the Taylor and Laurent series for expressing the function in terms of complex power series	0.90	2.10	1.1	Not Attained
CO4	Apply Residue theorem for computing definite integrals by using the singularities and poles of real and complex analytic functions over closed curves	0.90	2.20	1.2	Not Attained
CO5	Explain the concept of random variables and types of random variables by using suitable real time examples	1.60	2.10	1.7	Not Attained
CO6	Interpret the parameters of random variate Probability distributions by using their probability functions, expectation and variance	0.90	2.20	1.2	Not Attained

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

CO1: Explain the fundamental concepts of analyticity and differentiability for calculus of complex functions

CO2: Concepts of analyticity for finding complex conjugates more assignments of students

CO3: More problems and assignments of conformal mapping

CO4: More problems and assignments of the analytic function with derivatives

CO5: More problems and assignments of Taylor and Laurent series

CO6: More problems and assignments of Singularities and Poles of Complex functions

P. Praveena
Course Coordinator

M. Anas
Mentor

V. S. Kumar
Head of the Department