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.T SARITHA KUMARI**	Department:	**Electrical and Electronics Engineering**
Regulation:	**IARE - R18**	Batch:	**2019-2023**
Course Name:	**COMPLEX ANALYSIS AND PROBABILITY DISTRIBUTIONS**	Course Code:	**AHSB06**
Semester:	**IV**	Target Value:	**60% (1.8)**

ttainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Apply the fundamental concepts of analyticity and differentiability for calculus of complex functions and their role in applied context.	0.90	2.30	1.2	Not Attained
CO2	Utilize the concepts of analyticity for finding complex conjugates and their role in applied contexts.	0.90	2.30	1.2	Not Attained
CO3	Make use of the conformal mapping technique for transferring geometric structure of complex functions with much more convenient geometry.	0.10	2.30	0.5	Not Attained
CO4	Apply integral theorems of complex analysis and its consequences for the analytic function with derivatives of all orders in simple connected region.	0.90	2.30	1.2	Not Attained
CO5	Extend the Taylor and Laurent series for expressing the function in terms of complex power series.	0.60	2.30	0.9	Not Attained
CO6	Classify Singularities and Poles of Complex functions for evaluating definite and indefinite Complex integrals.	0.90	2.30	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

Course Coordinator **Mentor** **Head of the Department**