



### CO-PO JUSTIFICATION

CO No.	PO	CL	Justification
18MAT41.1	PO1	3	Students are able to solve the problems which include complex variables and also understand applications. Hence it is mapped on high scale.
	PO2	2	Many engineering problems involve flow problems which involves complex potential functions. Students will be able to analyze the problems to certain extent only. Hence it is mapped on medium scale
18MAT41.2	PO1	3	Students are able to understand various transformations and its applications. Hence it is mapped on high scale.
	PO2	2	Students will be able to apply the knowledge of Calculus in complex engineering problems
18MAT41.3	PO1	3	Students will be able to apply the knowledge of probability theory in real life problems to predict the future
	PO2	2	Helps students to analyze the problem effectively in engineering.
18MAT41.4	PO1	3	The students are able to solve the problems and also understand applications. Hence it is mapped on high scale
	PO2	2	Students are able to apply statistical method to solve complex engineering problem and mathematical modeling
18MAT41.5	PO1	3	Students are able to solve the Problems associated with testing of hypothesis and hence it is mapped on high scale.
	PO2	2	Many engineering problems involve testing of hypothesis. Student will be able to analyze and interpret the results of the hypothesis tested. Hence it is mapped on medium scale