

CO-PO JUSTIFICATION

CO No.	PO	CL	Justification
17MAT41.1	PO1	3	The student demonstrates the knowledge and ability to apply numerical methods for solving equations. Students are able to solve the Problems and also understand applications. Hence it mapped on high scale.
	PO2	2	Many engineering problems involve higher degree equations and students are well versed with finding the solution of the same. Student will be able to analyze the problems which arise in realistic problems. Hence it mapped on medium scale.
17MAT41.2	PO1	3	The students are able to solve the Problems and also understand applications. Hence it is mapped on high scale
	PO2	2	Many engineering problems involve partial differential equation, for which the series solution in terms of Legendre and Bessel function are found. Students will be able to analyze the problem which arises in fluid mechanics and other engg subjects. Hence it is mapped on medium scale
17MAT41.3	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
17MAT41.4	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.
17MAT41.5	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

Prepared by

HoD