

CO-PO JUSTIFICATION

CO No.	PO	CL	Justification
18CS36.1	PO1	3	The validity of facts can be verified using predicate and Propositional logic. The reasoning and inferences made by them can be substantiated by the various proof techniques. Hence it is mapped on high scale.
	PO2	2	The proof techniques can be used to verify the complex engineering solutions. Knowing logic will help in Communicating effectively on complex engineering activities. Hence it is mapped on medium scale.
18CS36.2	PO1	3	The arrangement and combinations of data to be taken for different problems can be identified.
	PO2	2	Counting techniques can be used to reach conclusions in the problems involving huge data
18CS36.3	PO1	3	The concept of relations and functions is used in their core subjects, hence it is mapped on high scale
	PO2	2	Using the concept of relations and functions, students are able to solve the problems arising in their domains. Hence it is mapped on medium scale
18CS36.4	PO1	3	The concepts of discrete structures can be used to solve various complex engineering problems
	PO2	2	The knowledge about the discrete computational structures will help them to reach conclusions about the complexity and methodologies for solving real life problems.
18CS36.5	PO1	3	The concept of Graph theory is used to represent network of communication, hence it is mapped on high scale
	PO2	2	The concept of Graph theory is helpful tool to simplify complex engineering problems arising in their field.