

Department of ME	
B.Tech - III-Year	
CO	Subject Name -CO Statements
C306:Operations Research	
CO#	# Student will be able to
C306.1	Student will be able to Formulate the problem to mathematical model to develop the optimal solution to constrained linear programming problems by graphical and simplex methods to real systems
C306.2	Student will be able to Develop the optimal solution to variety of problems such as assignment, transportation, and travelling salesman problems to real systems
C306.3	Student will be able to Demonstrate various sequencing techniques in real life problems and in industries such that the waiting time should be reduced
C306.4	Student will be able to Analyze and apply the game theory for performance evaluation of engineering, management and in real systems
C306.5	Student will be able to Evaluate the optimum inventory, in order to have minimum cost price and to reach the demand of the company
C306.6	Student will be able to Apply dynamic programming to have the shortest path for different problems and to simulate and analyze engineering and managerial problems