Course Number and Name
BME702 - OPERATIONS RESEARCH FOR ENGINEERS

Course Objective
To impart knowledge about various tools in Operations Research to apply and solve real life problems in Engineering.

Prerequisites	Co-requisites
Mathematics I, II & III	Nil

Course Outcomes (COs)	
CO1	Formulate a raw problem into LPP or TP or AP and solve them by using relevant method.
CO2	Solve network problems by applying PERT or CPM concept.
CO3	Find optimum stock level in an inventory system with many products.
CO4	Solve queuing problems with single and multiple channels.
CO5	Make decisions for replacement of equipments under stochastic situations.
CO6	Learn industrial concepts of inspection and output

Student Outcomes (SOs) from Criterion 3 covered by this Course

COs/SOs	a	b	c	d	e	f	g	h	i	j	k	l
CO1		H						H				
CO2	H						L					H
CO3	H							M				H
CO4				M		M			H			
CO5												
CO6												H