

030122304: Elective I: Operational Research**Theory Credits: 4****Lab Credits: 0****Objectives:**

Present with the overview of understanding of problem solving related to day to day situations using statistics

Sr. No.	Topic Name	No. Of Hrs
01.	Linear Programming	18
	Graphics Method, Simplex Method	
02.	Transportation Problem	10
03.	Assignment Problem	06
	Hungarian Method	
04.	Sequencing Problem	06
	Two machine sequencing problem, Three machine sequencing problem	
05.	Queuing Theory	06
	Deterministic Queuing Model, Probabilistic Queuing Model	
06.	Project Planning	14
	PERT Analysis, CPM Analysis	
	Total	60

Reference Books:

- a. Quantitative Techniques in Management by N. D. Vohra
- b. Quantitative Techniques by L. C. Jhamb
- c. Operations Research By V. K. Kapoor