Dr. V. N. Bedekar Institute of Management, Thane
Teaching Plan (MMS/PGDM)
Academic Year (2014-15)

Programme Name: MMS- Sem II
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Name of the Course: Operations Research
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Maximum marks: _____100_____ No. of Sessions: 15 of 3 hrs
each_____

Name of the Faculty: D.M.Marathe
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Mobile No: 9820196750_ Email:dmmarathe@gmail.com
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Weblink:
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Learning Objectives:
To enable the student to understand, Practice the terchniques of optimization in business by learning various topics of Operations Research

Reference Books:
Operations Research by H. Taha
Quantitative methods in Management by N D Vohra

Plan:

Session No	Topics to be covered	Pedagogy	Remark
1		examples	

	Introduction to O.R. Assignment technique		
2	Applications in Flight scheduling	examples	
3	Transportation	examples	
4	Applications of Transportation	examples	
5	Linear programming-graphical method		
6	LP formulation	cases	
7	Quiz 1 on cases	Case examples	
8	Duality-cpm Crashing	examples	
9	Crashing	examples	
10	Crashing ex	examples	
11		examples	

	Cpm indices		
12	Quiz 2	case	
13	simulation	examples	
14	simulation	examples	
15	Queueing theory	examples	

Evaluation:

I) Internal:

Component	Details	Marks
Class Test		
Presentation		
Case Study		
Participation		
Others		

II) External:
(*Sample questions*)

Signature of Faculty   **Signature of the Co-ordinator**