

Module III:	development and project Management	Page
Chapter I:	Project Feasibility Study	1
	• Introduction	1
	• What is a Feasibility Study?	1
	• Description of the Project	2
	• Pre-Feasibility Study	3
	• Market Assessment	3
	• Market/Marketing Feasibility	3
	• Economic feasibility	5
	• Technical feasibility	5
	• Financial viability	7
	• Ecological Analysis	9
	• Schedule Feasibility	9
	• Organizational / Managerial Feasibility	9
	• Legal and Administrative Feasibility	10
	• Study Conclusions	11
	• Next Step	11
	• Go/No-Go Decision	12
	• Feasibility Study vs. Business Plan	12
	• Reasons Given Not to Do a Feasibility Study	13
	• Reasons to Do a Feasibility Study	13
	• Business Plan	14
Chapter II:	Elements of Successful Projects	20
	• Introduction	20
	• What Exactly Is a "Successful" Project?	20
	• Learning from Troubled Projects	21
	• Common Reasons for Troubled Projects	22
	• Learning from Successful Projects	24
	• Essential Project Manager Toolkit	25
	• Essential Project Manager Tools	25
Chapter III:	Project Scheduling	28
	• Introduction	28
	• What is a Schedule and Why Use One?	28
	• Information Requirements	30
	• Information Processing	30

• Using Results	31
• Schedule Types	31
• Gantt Charts	32
• Milestone Charts	33
• Bar Charts	34
• Combination Chart	35
• Modified Gantt/Milestone Chart	36
• Flow Process Chart	36
• Set Back Chart	39
• Line Of Balance	40
• Network Diagrams	41
• Conclusion	43
• Objective Criteria	44
• Important Elements for Every Schedule	46
• "Crashing" the Schedule	47
• Principles of Scheduling	48
Chapter IV: Appraisal Of projects	51
• Background	51
• Financial Appraisal	52
• Market Appraisal	54
• Technical Appraisal	54
• Managerial Appraisal	55
• Sanction	55
• Cost-Benefit Analysis: An Overview	56
• Benefits Are Usually Measured by Market Choices	61
• Methods for Determination of Value from Capital Projects	64
• Financial Ratios	74
• Comparing Projects with Different Economic Lives	75
• Risk and Uncertainty in Cost-Benefit Analysis	78
Chapter V: Risk analysis	87
• Definitions	87
• Steps to be followed in carrying out a risk analysis	87
• Porter's Five Forces Assessing the Balance of Power in a Business Situation	89
• Project Risk Analysis & Management	91
• How to Do It - Techniques and Methods	98
• Methods of Risk Analysis	101

Chapter V:	PERT and CPM	116
	• Project Management	116
	• Brief History of CPM/PERT	116
	• The Purpose of PERT/CPM	117
	• The Advantages of PERT and CPM	117
	• CPM and PERT: Similarities and Differences	118
	• PERT terminology and conventions	119
	• Tabulation & Analysis of Activities	123
	• Drawing the Network	124
	• PERT/CPM Exercises	129