

4611 – PRODUCTION PLANNING & MANAGEMENT									
Teaching Schedule Per Week			Progressive Assessment		Examination Schedule (Marks)				
Lectures	Practical	Credits			Theory		Practical Ex.		Total
4	-	4	25		4Hrs.	100			125
Pre-requisite		Source	Semester	Theory	Test	Total	TW	PR	Gr Total
NIL		MOP		75	25	100	25	-	125

RATIONALE: Students are expected to acquire the basic understanding of production and manufacturing management practices and the dimensions of production function.

COURSE CONTENTS		Hrs	Mks
1. CONCEPTS OF PRODUCTION MANAGEMENT		12	15
Scope, Development of thought, Production Process and Organisation, Inter-relationship between Production & other functions.			
2. PRODUCTION PLANNING AND CONTROL		15	20
Meaning and functions, Organisation, Techniques, Control objectives, Consideration in Production control, Problems in Production control			
3. INVENTORY CONTROL		10	20
Measuring & objectives, Techniques, Limitations.			
4. QUALITY CONTROL		12	20
Concept & objectives, Organisation, Establishment of Quality standards & inspection, Statistical quality control., Quality circles, Zero defects, Total quality management			
5. COST CONTROL & PLANT MAINTENANCE		15	25
Cost control techniques, Need for plant maintenance, Organisation and system for maintenance.			
Total		64	100

NOTE: Questions should not be essay type and only short answer type questions should be asked, Adequate internal choices are to be provided.

REFERENCE BOOKS:

1. Plevest : Production and Inventory Control (PHI)
2. Buffa, E.S. modern Production Management (John Wiley)
3. Gopalkrishnan Sundresan: Materials Management (PHI)
4. Adam & Albert : Production and Management (Prentice-Hall)
5. Mc-clain & Thomas: operations Management (PHI)
6. Magee & Boodman Production Planning and Inventory control (TMH)
7. Ramesh, M.S. : A key to production management (Kalyani)
8. Biegel : Production control (PHI)