

COURSE TITLE : PRINTING PRESS MANAGEMENT
COURSE CODE : 6101
COURSE CATEGORY : A
PERIODS/ WEEK : 5
PERIODS/ SEMESTER : 75
CREDIT : 5

TIME SCHEDULE

MODULE	TOPIC	PERIODS
1	Customer- defined Quality management	15
2	Estimating and Costing	23
3	Planning for print production	17
4	Large scale printing industry and Printing Act	20
TOTAL		75

Course Outcome:

SUB	ON THE COMPLETION OF THE STUDY OF THIS MODULE STUDENT WILL BE ABLE :
1	To understand Customer- defined Quality management.
2	To comprehend the concept of estimating and costing
3	To analyze the work flow of printing firm.
4	To understand large scale printing industry and acts related to printing press

MODULE I CUSTOMER- DEFINED QUALITY MANAGEMENT

1.1.0. To understand Customer- defined Quality management.

- 1.1.1. To state quality management
- 1.1.2. To define quality
- 1.1.3. To list out different ISO 9000 standards
- 1.1.4. To discuss TQM

MODULE II ESTIMATING AND COSTING

2.1.0 To comprehend the concept of estimating and costing

- 2.1.1 To distinguish costing and estimating
- 2.1.2 To discuss various types of costs
- 2.1.3 To apply costing and estimation related to printing materials
- 2.1.4 To distinguish proof reading symbols and marks.

MODULE III PLANNING FOR PRINT PRODUCTION

3.1.0 To analyze the work flow of printing firm.

- 3.1.1 To know various planning considerations
- 3.1.2 To study the layout of printing press
- 3.1.3 To know the responsibilities of press supervisor and manager

MODULE IV LARGE SCALE PRINTING INDUSTRY AND PRINTING ACT

4.1.0 To understand large scale printing industry and acts related to printing press

- 4.1.1 To know about large scale printing industry
- 4.1.2 To state various acts related to printing industry
- 4.1.3 To know the meaning of copy right act
- 4.1.4 To discuss about ISO standards

CONENT DETAILS

MODULE I

Customer- defined Quality management

Customer- defined Quality management-concept. Quality: definition , elements-context or use, time, measure of successful use, customer defined quality. ISO-9000 standards- introduction, classification and uses. Customer defined quality management. TQM-definition, implementation of TQM. Problem solving processes.

MODULE II

Estimating And Costing

Definition- estimating and costing . components of cost. Costing and estimation- advantages. Types of cost- Fixed, variable and semi variable.. Difference between costing and estimating. Qualification and qualities of an Estimator. Estimation of paper- selection of paper, allowance for wastage, allowance for trimming, weight of loose sheets, weight of reel of paper. Estimation of ink- Ink consumption formula, ink allowance for spoilage,. Estimating of binding material- board requirement, Estimating of covering materials, Estimating of sewing thread, Estimating of stitching wire, Estimating of adhesives.

MODULE III

Planning for print production

Production system administration. Work initiation procedures. Planning Consideration- Materials purchasing and inventory control, Material Management, Production Scheduling, Production Control, Quality Control. Press layouts- prepress, press and post press. Role Of Supervisor And Manager In Effective Management Workflow- Responsibilities of supervisor and manager, managerial roles- Interpersonal relationship skill, Communication skill, Leadership skill.

MODULE IV

Large Scale Printing Industry: Roles and Responsibilities of various departments, Structure of large scale printing organization, roles and responsibilities of various departments i.e. sales, finance, personnel, materials – procuring and stores, dispatch, safety, printing.

Acts related to Printing Industry:

Factory Act & printing Act - objects, meaning, Registration, health safety & welfare provision

Press Registration - meaning, purpose, copy right board duties & functions

Copy Right Act - meaning, purpose, copy right board duties & functions

ISO standards- ISO 12647, ISO 12647-2, ISO 2846-2, ISO 9001.

Printing associations-local, national and international.

Reference :		
Author	Title	Publishers
Jerald A Silver	Professional printing estimation 2 nd edition	
Philip K. Ruggles and Joe Polanco	Printing Estimating: Costing and Pricing Print and Digital Media 2008	Graphic Arts Center Publishing Company
HL Apfelberg and MJ Apfelberg	Implementing quality management in graphic arts	GATF
Helmut Kipphan	Hand book of print media	Springer Science & Business Media