

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA IN PRINTING TECHNOLOGY
SEMESTER: V

Subject Name: **Post Press Techniques (Practice)**

Laboratory Experience:

Sr. No.	Description of Laboratory Experiences
1.	Prepare Different Types of Folders / Brouchers.
2.	Prepare Different Types of Files.
3.	Practice of Address Book: <ul style="list-style-type: none">- With use of Indexing.- Edge Decoration- Leather / Resin cover- Blocking.
4.	Preparation of Primary Container / Carton. (Three Different Types)
5.	Preparation of Secondary Container / Carton to contain more Primary Cartons.
6.	Maintenance and Working Practice on Different / Advanced binding Machines and equipments.
7.	Perform to prepare various Types of Flexible packages with Food grade and other.
8.	Application of Various Testing Methods for Different Packages.
9.	Creation of Special and innovative Publication / Package / Display product Design.
10.	Industrial Visit and Report: <ul style="list-style-type: none">- U. V. Coating.- Spot Lamination.- Automation in Binding.- Flexible Packaging i.e. Pouch making, sleeting / cutting, Labeling, Foil stamping, Hologram, On line numbering.- Filling of Materials in Package.- Automation in Cartoning.

Notes:

1. Term work report content of each experience should also include following.
 - a. Experience description / data and objectives.
 - b. Skill/s which is / are expected to be developed in student after completion of experience.
 - c. Work flow chart of experience.
 - d. The specifications of machines / equipments / devices / instruments which are used to carry out and to check experience.
 - e. Process parameters applied to carry out experience.
 - f. Steps / Process description to execute experience.
 - g. Information on recent machines / equipments / devices / instruments available in market to carry out the experience.
2. Term work content of industrial visit report should also include following.
 - a. Brief details of industry visited.
 - b. Type, location, products, rough layout, human resources, etc of industry.
 - c. Details, description and broad specifications of machineries / processes observed.
 - d. Safety norms and precautions observed.
 - e. Student's own observation on Industrial environment, culture and attitude.
 - f. Any other details / observations asked by accompanying faculty.

Reference Books:

Sr. No.	Name of Books	Author	Publication
1.	Book Binding for students	M. P. Kini	Institute of Printing Adiyar Chennai
2.	Finishing Processes Printing	A. G. Martin	Focal press London & New York
3.	Fundamentals of Packaging	F.A. Paine	
4.	Hand book of Packaging engineering	J. F. Hanlon	M.C. Gran Hill
5.	Practice printing & Binding	Odham	ABC Publication London.
6.	Mudran shastra	P. T. Thakkar, A. J. Patel	Uni. Granth Nirman Board Ahmedabad
7.	Book Binding by Hand	Lawrance Tom	Fabre & Fabre co.
8.	Basic Book Binding	A. W. Lodis	Dover Publication New york
9.	Binding and Finishing	B. D. Mendiratta	Printek Publication New Delhi 55
10.	Book Binding	Arther V Johnson	Cox & Wyma USA
11.	A Hand Book of printing and packaging Technology	Bishwanath Chakravarty	Galgotia Publication Pvt. Ltd.