NAMES OF THE PARTY OF THE PARTY

Kanshaiya Gram, Madh spura Bihar-852 i. E

(Affiliated by BNMU Madheura)

B.Voc Degree

Syllabus of DTP & Printing Technology

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Bye-Laws/Regulation for B.Voc Programme

At

Madhepura College,

Kaushalya Gram

Madhepura, Bihar

University: - B.N. Mandal University

Programme Approved

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- ► B. Voc in information Technology
- ➢ B. Voc in computer Hardware & Networking
- ► B. Voc in DTP & Printing Technology
- **➢ B. Voc in Accounting & Taxation**

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Regulation/Bye Laws

About the B. Voc Programme

Name of the college: Madhepura College

Kaushalya Gram, Madhepura

B.N. Mandal University, Madhepura

Introduction:

The University Grant Commission (UGC) has launched a scheme on Skill Development Based on Higher Education as part of college, leading to Bachelor of Vocation (B.Voc) Degree Madhepura College Kaushalya Gram Madhepura has been approved the course, Bachelor of Vocation in

- B.Voc in information Technology
- B.Voc in computer Hardware & Networking
- B.Voc in DTP & Printing Technology
- B.Voc in Accounting & Taxation

Under NSQF Scheme

Bachelor of Vocation in Information Technology, Bachelor of Vocation in Computer Hardware & Networking, Bachelor of Vocation in DTP & Printing Technology are belonging to the faculty of Science and that of Bachelor of Vocation in Accounting & Taxation belongs to the faculty of commerce.

Course Objective:

To Provide Indicious mix of Skills relating to a Profession and appropriate content of general education.

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- To ensure that the students have adequate knowledge and skill, So that they are work ready at each exit point of the Programme.
- To integrate NSQF within the undergraduate level of higher education in order in to enhance employability of the graduates and meet industry requirement. Such graduates apart from meeting the needs of local and national industry are also expected to be equipped to become part of the global workforce.
- After the Successful Compettion of this Vocational Programme (Course) the student will have ability to acquire Professional Skills with the Concerned disciplined of the Programme, and it is expected that they could get job easily in the market. They will have capability in professional skills and competencies in the field of Information Technology. Computer Hardware & Networking, Desktop Publishing and Printing Technology and the most important field of job, Trade, Business, Stock market, International as well as National Trades etc in Accounting &Taxation.

Duration of the course:

- The Bachelor of Vocation in Programmed in
 - Bachelor of Vocation in Information Technology
 - Bachelor of Vocation in Computer Hardware & Networking
 - Bachelor of Vocation in DTP & Printing Technology
 - Bachelor of Vocation in Accounting & Taxtion

Shall be of Three(03) Academic year, having Semester of Six Months each i.e six semesters.

The curriculum in each of the years of the programme would be a suitable mix of general education and skill development Components. General Education Component shall have 40% of the total credits and 60% credits will be of skill component.

Admission and Fee:

- The minimum educational qualification for admission in Bachelor of Vocation Programme in
 - Information Technology
 - Computer Hardware & Networking

- DTP & Printing Technology
- Accounting & Taxation
 Is a candidate will be class 12 pass or equivalent from any recognized board or university in any stream.
- Reservation to sc, ST, OBC and PWD Categories as per UGC guidelines and state govt. reservation policy.
- There Shall be no age bar for admission in the Skill based certificate i.e. degree programs under NSQF.

Fee Structure:

Admission fee at the time of Admission

Rs. 2500/-

Semester Fee

Nil

Registration Fee

Rs. 300/- or As decided by the University

Examination Fee

Rs. 800/-or As decided by the University

Library Fee

Nil

Laboratory Fee

Nil

Industrial visit for Training

As per UGC guidelines (provided by UGC)

- Any Miscellaneous Fee may be decided by the Advisory Committee, as per need (if found necessary)
- Any other fee for aided courses may be decided by the university as per prevalent. Mechanism, if in the need.
- Miscellaneous fee
- e.g. CLC/CC and other College Development Fee may/may not be imposed (as decided by the Advisory Committee)

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PROGRAMME STRUCTURE

Seme	ster - I					
Paper	Title	G.C./S.C.	Credits	Full Marks	External	Internal
1	Listening And Speaking Skills In English	G.C.	6	100	80	20
2	Word Processing	G.C.	6	100	80	20
3	Fundamentals of DTP	S.C.	9	100	80	20
4	Adobe Page Marker	S.C.	9	100	80	20

Semes	ter - II							
Paper		Title		G.C./S.C.	Credits	Full Marks	External	Internal
1	Data through		essing	G.C.	6	100	80	20
2	Adobe In	Design		G.C.	6	100	80	20
3	Image Printing	Editing	for	S.C.	9	100	80	20
4	Graphic Corel Dra	Design w	and	S.C.	9	100	80	20

Semes	ter - III					
Paper	Title	G.C./S.C.	Credits	Full Marks	External	Internal
1	Planning for Print Production	G.C.	6	100	80	20
2	Xerox Scanning and image Generation	G.C.	6	50	40	10
3	Adobe Illustrator	S.C.	5	50	40	10
4	Post Press Operations	S.C.	5	50	40	10
5	Project Work-I	S.C.	8	150	75	75

Semes	ter - IV					
Paper	Title	G.C./S.C.	Credits	Full Marks	External	Internal
1	Soft Skill & Personality Development	G.C.	6	100	80	20
2	Offset Printing Technology	G.C.	6	100	80	20
3	Graphic Reproduction and Color Separation	S.C.	6	100	80	20
4	Electrical Drives And Control	S.C.	6	100	80	20
	Internship-I (Two Week)	S.C.	6			

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Semes	ster - V					
Paper	Title	G.C./S.C.	Credits	Full Marks	External	Internal
1	Digital Printing	G.C.	6	100	80	20
2	Web Offset Technology	G.C.	6	50	40	10
3	Technical and Scientific	S.C.	5	50	40	10
4	Binding Technology	S.C.	5	50	40	10
5	Project Work-II	S.C.	8	150	75	75

Semes	ter - VI					
Paper	Title	G.C./S.C.	Credits	Full Marks	External	Internal
1	Entrepreneurship Development	G.C.	6	100	80	20
2	Costing for Printing Press	G.C.	6	100	80	20
3	Printing Press Management System	S.C.	6	100	80	20
4	Offset Plate Making	S.C.	6	100	80	20
5	Internship –II (Two Week)	S.C.	6	12		

- G.C. General Component
- S.C. Skill Component

MADHEPURA COLLEGE, MADHEPURA

Syllabus Printing Technology

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Program- B.VOC	Extrans 2 00
Branch-DTP & Printing Technology	Externnal-80
	Internal-20
Semester-1	Total Marks-100
Paper - J	
	Time-3hours

LISTENING AND SPEAKING SKILLS IN ENGLISH

Objectives:

To introduce the students to the speech sounds of English in order to enable them to listen to English and speak with global intelligibility. To enable the students to speak English confidently and effectively in a wide variety of situations. To help the students to improve their reading efficiency by refining their reading strategies.

MODULE -I

I Speech Sounds: Phonemic symbols - Vowels - Consonants - Syllables - Word stress - Stress in polysyllabic words - Stress in words used as different parts of speech - Sentence stress - Weak forms and strong forms - Intonation

Sample activities:

- 1. Practice reading aloud. Use a variety of texts including short stories, advertisement matter, brochures, etc
- 2. Read out a passage and ask the students to identify the stressed and unstressed syllables. MODULE II

Basic Grammar: Articles - Nouns and prepositions - Subject-verb agreement - Phrasal verbs - Modals - Tenses - Conditionals - Prefixes and suffixes - Prepositions - Adverbs - Relative pronouns - Passives - Conjunctions - Embedded questions - Punctuation - Abbreviations-concord- collocations-phrasal verbs- idiomatic phrases

Sample activities:

Ask students to write a story/report/brochure, paying attention to the grammar.

MODULE - III

Listening: Active listening - Barriers to listening - Listening and note taking - Listening to announcements - Listening to news on the radio and television.

Sample activities:

- Information gap activities (e.g. listen to a song and fill in the blanks in the lyrics given on a sheet)
- 2. Listen to BBC news/ a play (without visuals) and ask the students to report what they
 heard.

MODULE- IV

Speaking- Fluency and pace of delivery - Art of small talk - Participating in conversations - Making a short formal speech - Describing people, place, events and things - Group discussion skills, interview skills and telephone skills.

Sample activities:

- 1. Conduct group discussion on issues on contemporary relevance.
- 2. Ask students to go around the campus and talk to people in the canteen, labs, other departments etc. and make new acquaintances.
- 3. Conduct mock interviews in class.
- 4. Record real telephone conversations between students and ask them to listen to the recordings and make the corrections, if any are required.

MODULE - V

Reading: Theory and Practice - Scanning - Surveying a textbook using an index - reading with a purpose - Making predictions - Understanding text structure - Locating main points - Making inferences - Reading graphics - Reading critically - Reading for research.

Books for Reference:

- V.Sasikumar, P Kiranmai Dutt and Geetha Rajeevan, .Communication Skills in English.Cambridge University Press and Mahatma Gandhi University.
- 2. Marilyn Anderson, Pramod K Nayar and Madhucchandra Sen. Critical Thinking,
- 3. Academic Writing and Presentation Skills. Pearson Education and Mahatma Gandhi University.

For Further Activities

 A Course in Listening and Speaking I & II, Sasikumar, V., KiranmaiDutt and Geetha Rajeevan, New Delhi: CUP, 2007

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- 2. Study Listening: A Course in Listening to Lectures and Note-taking Tony Lynch New Delhi: CUP,
- 3. Study Speaking: A Course in Spoken English for Academic Purposes. Anderson, Kenneth, Joan New Delhi: OUP, 2008

Program- B.VOC	
Branch-DTP & Printing Technology	Externnal-80
Semester-1 Paper -II	Internal-20 Total Marks-100
	Time-3hours

WORD PROCESSING

Module -

MS Word -Basics of Word Processing. Text selection, Opening, Creating, saving Documents, Cursor control, using interface (menu, tool bars), Editing Text (copy, delete, move, etc.). Finding and Replacing text, Spell check feature, Grammar facility, auto text, etc.

Module-II

(Skills only-Typing speed of lower level is the standard to be attained after the semester) Type setting -English. Home Keys and Basic Drills. Left Hand asdf and fdsa skills. Right hand jkl; and ;lkj skills. Both Hands , drills. Words, Phrases and more Vowels. Left hand, write hand and both hands. Two key letters and more word practice. Using third finger. Bottom row keys, draw from top to bottom, bottom to top,

Common letter combinations. Use of Tab keys and Shift keys (Right and left). Left hand letters and Right shift keys, Right hand letters and left shift key. Comma, exclarnation, full stop, Punctuation, etc. Right hand only words, left hand only words, words with alternate hands letters, upper character practice, sentence practice. Timed typing tests. Free typing tests. Ten word tests, Twenty word tests, twenty five word tests, up to sixty word tests. Key Board short keys. Alt+F4, Ctrl+w, Ctrl+F2, Esc, Home, End,

basic idea on file formats, font types, layout concept, and the coting works of a DTP center.

Module I

Desk Top Publishing: Introduction, Meaning, Features, Merits and Demerits.

History of DTP. DTP softwares. Prepress-press, Press and post-press operations.

Types of publishing-Electronic & Physical.

Module II

Typography: Types(Fonts), Type sizes, Different families (Style) Point system and other system of measuring. casting off. Proof reading and its marks. Composing Process: Introduction of various methods of composing. Different file formats used in prepress unit.

Module III

Paper Introduction and preparation. Various paper sizes (Conventional and metric) and their uses. standard paper sizes used in printing industry- A4, A3, Dummy, Crown, Crown ¼, etc. Various paper calculations. Various types of papers. GSM. News paper, wrapping, security paper, quality paper, etc.

Module IV

Concept of layout- advantages of layout. Page layout, Print Layout (or Reading Layout), Notebook Layout, Publishing Layout. Different file formats used in prepress unit. Vector graphics, raster graphics, bitmap image

Module V

Networking Concept, Printing Process. LAN, MAN, WAN. Types of connectors, fiber technology, switches, routers, IP configuration, mac id, mac configuration. File& Printer Sharing. Installation of printers. Configuration. Trouble shooting.

Books for Reference:

- Learning Desk Top Publishing (DTP), Ramesh Bangia, Khanna Book Publishing
 Co. (P) Ltd.
- 2. 2. DTP Fundamentals, ABPL Publications.

Program- B.VOC Branch-DTP & Printing Technology	Externnal-80
Semester-I	Internal-20
Paper -IV	Total Marks-100

ADOBE PAGE MAKER

General Objectives

This part is intended to give practical awareness on the Adobe page maker. They must be able to handle the software for practical uses. Printing of notices, compilation of books, etc should also be familiarized. The paper is mainly skill focused.

Module I

Basic Concepts: Creating and opening publications, using tool box, working with palettes, text and graphics, starting publication from a template, paste board, saving and closing.

Module II

(Skills only-Typing speed of lower level is the standard to be attained after the semester) Type Setting- Malayalam -Solid and tabular setting of bilingual/multi script language software. Use of ism publisher software in typing malayalam. Home keys and basic drills. Left hand and right hand drills. Both hands, drills.

Books for Reference:

Adobe page maker 7.0, Proot, Cengage Learning Pagemaker In Easy Steps, Scott Basham, Dreamtech Press Pagemaker made easy, ABPL Publications

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Program- B.VOC	Externnal-80
Branch-DTP & Printing Technology	
	Internal-20
Semester-II	Total Marks-100
Paper-I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Time-3hours

DATA PROCESSING THROUGH MS EXCEL

Objective(s):

To familiarize with the Microsoft Excel and to equip with the knowledge on the advanced formulas in a comprehensive manner. Further, to explore the characteristics of advanced Excel and VBA. This paper is skill based and is advised to be imparted through Workshops in the computer lab.

Module-I

Introduction to MS Excel: Interface, Tabs and Ribbons, Document Windows, Office Button and Save, Entering Data, Fonts, Fills, and Alignment, Cut, Copy, and Paste, Paste Special, Undo and Redo, Moving, Finding, and Replacing a Value, Cell Styles, Comments. Formatting Numbers- Currency Format, Format Painter, Formatting Dates, Custom and Special Formats. Managing Worksheets- Naming and Moving Worksheets, Copying Worksheets, Adding, Deleting and Hiding Worksheets, Grouping Worksheets, Moving, Copying, Deleting and Hiding Grouped Worksheets. Modifying Rows and Columns- Inserting and Deleting Columns and Rows, Inserting & Deleting Cells, Inserting Multiple Columns & Rows, Modifying Cell Width and Height, Hiding and Un-hiding Rows and Columns.

Module-II

Understanding Formulas: Introduction, Using Operations, Creating Formulas, AutoSum, Common Formulas, Searching for Formulas, Copying Formulas, Using Relative and Absolute References. Changing Views - Workbook Views, Show/Hide, Zoom Features, Freeze Panes, Split Windows, Viewing Multiple Windows, Minimize The Ribbon, Worksheet Backgrounds, Watermarks, AutoFill a Series, AutoFill Non-Adjacent Cells, AutoFill on Multiple Sheets, Creating Custom Lists, Series Formatting. Conditional Formatting - Highlight Cells Rules, Top/Bottom Rules, Data Bars, Color Scales, Custom Formatting Rule. Tables - Insert a Table and Style Options, Add Rows and Columns, Perform a Function in a Table, Summarize With Pivot Table.

Module-III

Data Tools: Data Validation, Drop-Down Lists, Removing Duplicates, Text To Columns, Goal Seek, Scenario Manager. Referencing Formulas- Multiple Sheet References, Consolidating Data - With or Without Links, Trace the Precedents and Dependents, Using the Watch Window. Ranges and Dates- Cell Names, Named Ranges, Formulas with Cell Names, Date Formulas. Lookups – VLOOKUP, VLOOKUP Exact Match, HLOOKUP, HLOOKUP Exact Match. Conditional Logic - IF Statement, Nested IF, AND, OR, NOT, IFERROR, SUMIF, AVERAGEIF, COUNTIF & COUNTIFS, SUMIFS, AVERAGEIFS. Text Formulas - Case Spaces, Substitute Text.

Module-IV

Introduction to Charts: Chart Types, Instant Chart, Update Chart, Column Chart, Picture Fill, Adjust Chart Size, Line Chart, Scatter Chart. Formatting Charts - Chart Styles, Chart Layouts, Add Labels, Axis Options, Chart Title, Legends, Data Labels. Adding Graphics - Insert Pictures, Modifying Pictures, Insert Shapes, Insert SmartArt, Apply Themes, Arrange. Outline, Sort, Filter, and Subtotal - Group and Ungroup, Sort Data, Sort Multiple Levels, Filter Data, Advanced Filter, Conditional Sorting and Filtering, Sorting with Custom Lists, Subtotal. PivotTables - Creating

PivotTables, Choosing Fields, PivotTable Layout, Filtering PivotTables, Modifying PivotTable Data, Pivot Charts.

Module-V

Protecting Data: Workbook Passwords, Protecting Workbooks, Unlocking Cells.
Collaboration - Document Properties, Inserting Hyperlinks, Sharing a Workbook,
Track Changes, Accept/Reject Changes, Mark as Final. Printing - Page Orientation,
Page Breaks, Print Area, Margins, Print Titles, Headers and Footers, Scaling, Sheet
Options. Saving a Workbook - Save As Previous Version, Auto Recover Save
Options, Templates, Save As PDF, use of add-in, Save As Web Page, MacroEnabled Workbook. Macros - Macro Security, Recording a Macro, Assign a Macro
to a Button or Shape, Run a Macro upon Opening a Workbook, How to Inspect
and Modify a Macro, Clubbing VBA with MS Excel, Excel Forms using VBACreation of Database

Books for Reference:

- 1. Excel 2010 All-in-One for Dummies" by Greg Harvey
- 2. The Mr. Excel Library Series" by Bill Jelen
- 3. Slaying Excel Dragons: A beginner"s guide to conquering Excel"s frustrations and making Excel fun" by Mike Girvin and Bill Jelen
- 4. Excel Charts, by John Walkenbach
- 5. Quick Start Guide from Beginner to Expert, by William Fischer
- 6. Data Processing through MS Excel, ABPL Publications

Program- B.VOC	E
Branch-DTP & Printing Technology	Externnal-80
	Internal-20
Semester-II	Total Marks-100
Paper -II	
	Time-3hours

ADOBE IN DESIGN

MODULE -I

Document and column set up for a variety of publications. Identification of tools. Use of rulers, guides and snap-to guides. Page formatting. Formatting types including styles, sizes, leading, tracking, kerning.

MODULE - II

Using the edit menu + cutting, copying, pasting Multiple pasting, editing stories, spell checking Formatting paragraphs, moving/resizing text blocks, leading adjustment etc.

MODULE - III

Placing graphics, resizing graphics, text wraps Setting up templates and style palettes Grouping and aligning objects, multiple pasting with "step and repeat: functions Graphic formats, links, resolutions Color, color libraries and color separation

MODULE -IV

Bi-fold brochures and other custom layouts. Rotation tool, drop caps, page numbering and insertion of special symbols. Styles and creating a custom style palette, use of templates Printing solutions and PPD s and PDF generation. Create

and publish printed books, brochures, digital magazines, iPad apps, and interactive online documents with Adobe In Design

MODULE- V

Printing solutions and PPD"s and PDF"s generation. Create and publish printed books, brochures, digital magazines, iPad apps, and interactive online documents with Adobe InDesign

Books for Reference:

Adobe InDesign: Design Basics, Bittu Kumar, V&S Publishers

Adobe InDesign, ABPL Publications

Program- B.VOC	Externnal-80
Branch-DTP & Printing Technology	Internal-20
Semester-II	Total Marks-100
Paper -III	Time-3hours

IMAGE EDITING FOR PRINTING

MODULE- I

Image Fundamentals: - Digital image pixel. Resolution. DPI, raster image/bitmaps. Vector image/graphics. Various File Format: Bitmap, JPEG, PSD, PDD, TIFF,GIF, WMF.

MODULE -II

Understanding Various Tools:- Marquee- Rectangular/Elliptical. Move Lasso, Polygonal I Lasso Magnetic Lasso, Magic wand. Crop Air brush, Paint brush, Pencil, Rubber Stamp, Pattern stamp, Erase, Paint bucket, Direct selection, Path component selection, Pen custom shape, eye dropper, Hand Zoom.

MODULE- III

Understanding various Palettes:-Navigator, info, Color, Swatches Style History, Layers. Paths, Character, Paragraph, Foreground Colors. Background colors. Default colors. Switch colors. Details about Status Bar. Option Bar. Edit Image in Standard mode. Quick Mask Mode.

MODULE- IV

Various Image Display Options:- Standard Screen mode. Full Screen Mode with Menu Bar, Full Screen mode. Various Edit Commands:-Transform Preferences, Define Brush etc. Various Select commands, Various Filter Effects, Render 3D Transform, Lens Flare. Lightning Effects. Motion Blur. Radial Blur... Various View Commands. Print Option

MODULE- V

Various Image Commands: Inverse. Adjust, Extract, Liquify etc. Mode RGB /CYMK /LAB /Grayscale. Adjust Brightness/ Contrast. Hue/ Saturations, desaturate, Replace Colours, invert, Variations, Canvas size, Rotate canvas, crop, Trim- Various Layer Commands. Rearranging Layers, Lock Layers, Merge down, Merge. Visible, Flatten Image. Working with layers set.

Books for Reference:

Photoshop CS: Essential Skills, Mark Galer, Philip Andrews, Focal Press Photoshop CS, ABPL Publications

Program- B.VOC	
Branch-DTP & Printing Technology	Externnal-80
Semester-II	Internal-20
	Total Marks-100
Paper -IV	Time-3hours

GRAPHIC DESIGN AND COREL DRAW

MODULE-1

Introduction: Creating Opening drawing. Setting up the drawing page. Using the rulers. Grid. And guidelines. Viewing document.

MODULE- II

Drawing and Shaping Objects:- Drawing. Moving & Shaping Object, drawing lines and curves, dimensions line.

MODULE- III

Working with Style & Templates. Organizing Objects:- Arranging & Changing the order of objects. Grouping, Ungrouping. locking and unlocking objects. Using and setting layers Aligning & editing objects data.

MODULE- IV

Working with pattern and texture fills. Applying and editing line ending shapes, splitting and erasing portions of objects positioning moving stretching and rotating objects Working with multiple on screen color palettes. Adding graphics symbols and specials character editing. Formatting text & paragraph, hyphenating text.

MODULE- V

Creating and editing blends, envelopes. Creating and modifying vector and bitmap . Extrusions, creating drop shadow. Objects, working with linked bitmap. Applying special effects to bitmap by 3D. Effects: blur effects, contour effects. Creating documents for various formats using layout. Creating color seperations, working with halftone and bitmap screens. Importing and exporting files, OLE (Object Linking and embedding) Printing of document/ Design.

Books for Reference:

Corel DRAW 12: The Official Guide (Corel Press), Steve Bain, McGraw-Hill

Graphic Design and Corel Draw, ABPL Publications

Program- B.VOC	American Application of the Control
Branch-DTP & Printing Technology	Externnal-80
Semester-III	Internal-20
Paper -I	Total Marks-100
	Time-3hours

PLANNING FOR PRINT PRODUCTION

Module- I

Print Planning: Design concerns for printing, Design consideration, Factors to be considered in print planning - Layout for Leaflets, Pamphlets, Booklets, Catalogues, Brochures, Manuals, Books, Magazines, News papers, Business manuals, Commercial stationery, Labels, Carton, Folders and other forms of direct mail literature. Module- II

Paper. Main classes of paper and board sizes, paper requirements for different printing process, paper handling. Paper properties- runnability and printabilitystructural: formation, 2 sidedness, grain direction- physical: GSM, caliper, bulk, porosity, smoothness, dimensional stability, curves, moisture content and rhoptical: glosses, brightness, colour, opacity-chemical:pH, ash content, tensile, burse, tear internal bonding, fold endurance, stiffness, pick resistance.

Module-III

Offset inks, flexo inks, gravure inks, screen inks and specialty inks. Solvent based inks- Formulations-Material selection, properties, drying mechanisms. Water based inks – Formulations- Pigments & dyes, acrylic binders, low voc solvents & additives. Ink properties- viscosity, pH, surface tension, testing, and drying mechanisms. UV based inks- Composition- pre polymer, photo initiators, diluents, colorants, and additives – formulations, properties, testing, light source-Selection & drying mechanisms.

Module -IV

Paper coatings- coating materials- methods-properties, lamination- types, materials used Metals- treatment, methods, corrosion-protection and coating types. Metallization manufacturing process and properties, wood- varnishing types- matt & gloss finish and coatings. Plastics- surface treatment-chemical, plasma, corona – methods. Lamination and coatings.

Module- V

Availability of various paper types, ink types and paper coatings. Popular brands. Cost difference.

BOOKS FOR REFERENCE:

Planning for print production, ABPL Publications

Program- B.VOC Branch-DTP & Printing Technology	Externnal-40
Compart of the Principle Connology	Internal-10
Semester-III	Total Marks-50
Paper -II	Time-3hours

XEROX, SCANNING AND IMAGE GENERATION

MODULE- I

History of photocopying, stencil duplicator or mimeograph machine, Xerox, Photocopying machines, working principle of photocopy machine, Functions of a Photocopier.

MODULE - II

Copying of image and documents. xerox and photocopy, Single side, Duplex, Combine 2 items, 4 items, etc. Color and black & white. Toner saving. Toner refill. Paper jam and Trouble shooting.

MODULE-III

Principle of scanning, Types of scanners (Flatbed & Drum) and its use, Resolutions, DPI, LPI, PPI Graphic drawings inputs of pictures, sketches etc. Preparation of OCR, Use of scanner for picking up illustration, line drawings, Setting of Scanner, Selection line per inch, Dots per inch, Pixel inch. Selection of highlights. Middle tone and shadow are. Contrast, Brightness, Saturation.

MODULE- IV

Reading of color strip and do color correction Automation, Order Processing, Pre fighting and Data Optimization, Versioning, Impositioning, Ripping and Calibration, Proofing, PDF – standards and Versions, Creation of PDF – within application, from acrobat, Crossmedia PDF; Screening – AM, FM, Hybrid, Rational and Irrational.

MODULE -V

Color management, Archiving. Making of OCR. Digital images, Pixel based images, digitization of images, Digital work flow, Half toning, Image and type rendering, colour gamut, image quality, spatial and tonal resolution of images, visual thresholds.

BOOKS FOR REFERENCE

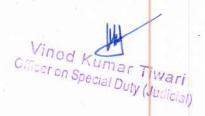
Xerox, Scanning and Image Generation, ABPL Publications

Externnal-40
Internal-10
Total Marks-50
Time-3hours

ADOBE ILLUSTRATOR

Module-I

Introduction. Arthoards, viewing arthoards, setting preferences, vector graphics.



Module- II

Understanding various tools-selection, direct selection, magic wand, lasso, pen, type tool, line segment, rectangle, paintbrush, pencil, blob brush, eraser, rotate, scale, free transform, mesh, gradient, eyedropper, blend tool, symbol sprayer, colomn graph, art board, slice, hand, zoom, fill, swap fill/stroke, stroke, color, none, gradient.

Module -III

The illustrator workspace- tools panel, main menu, control panel, panel docking area, art board, status bar, creating a logo in illustrator, using pen tool and pencil tool, making round corners, adding special effects, expand appearance, live trace, blur effect, cropping artworks, grouping objects, using rotate tool, arranging objects, adding text, pathfinder, create outlines, aligning objects, symbols, gradients, meshes and color blends, importing artwork from photoshop, saving art work, file formats, exporting artwork, creating adobe pdf files.

Module- IV

working with type on a path, line and character spacing, formatting paragraphs, tabs, character and paragraph styles, Adding a gungy background, creating a rectangle, adding inner glow effect, using transparency panel, working with type tool, creating outlines, adding 3d effects, using unite from path finder panel, adding gradient style, glows and feathering, clipping mask, adding shadow, applying Gaussian blur.

Module-V

Creating logos, illustrations, artworks, business cards, letterheads, notices, film posters, Leaflets, Brochures, labels, cartons, Exporting to pdf and jpeg format. Proof corrections with appropriate proof reading marks. Coasting off, Typography, proof reading symbols, proof reading marks used in marking copy.

BOOKS FOR REFERENCE

Adobe Illustrator CC Classroom in a Book, Brian Wood, Adobe Press Adobe illustrator, ABPL Publications

Program- B.VOC Branch-DTP & Printing Technology	Externnal-40
Semester-III	Internal-10
Paper -IV	Total Marks-50

POST PRESS OPERATIONS

M

Module -

Working of paper cutting Machines, Types of paper cutting machines. Semi automatic and automatic paper cutting machines, programmable paper cutting machines. Paper Cutters & Trimmers- guillotine cutter and a rotary cutter.

Module -II

Binding Materials: Covering materials of all types, preparation and treatment in covering. Miscellaneous materials such as thread cords, tapes, mull, eyelets etc. Purchase, selection, care and use of all types of materials. Methods of dealing with fungi and insect pests.

Module -III

Types of adhesives - Drying adhesives - solvent based adhesives, water based adhesives, pressure sensitive adhesives. Hot melt adhesives - pressure sensitive hot melts, applying hot melts. Curing adhesives - cure by mixing two or more components, cure when heated, exposure to moisture.

Module- IV

In setting and wire stitching by semiautomatic and automatic means. Wire stitching, thread stitching, adhesive binding, sewing. Spiral wire binding, plastic comb binding, loose-leaf binders; thong and ring binders.

Module -V

Principles and operation of perforating, punching, drilling, round cornering, indexing, creasing, gluing, eyeleting, ruling and numbering. Maintenance of these equipment for trouble free running; production capacities.

BOOKS FOR REFERENCE

Post Press Operations, ABPL Publications

Program B.VOC Branch-DTP & Printing Technology	Externnal-75
Semester-III	Internal-75
Paper -V	Total Marks-150

PROJECT WORK- I

DIGITAL MAGAZINE

Students must do this project individually. And it should be a digital magazine developed in Adobe illustrator. Project should be done under the guidance and approval of the supervising faculty/faculties. Students have to complete the project within the given time period, and they should keep all the important paper works (abstract, design, layout, data sheet of data collection etc.) along with them. Students must submit the finished project along with the required paper works and a comprehensive report, to the Head of the Department, before the day of the project evaluation. The project will be evaluated by the external and internal examiners appointed by the university. Delayed, incomplete submissions will be considered as per the university rules.

ernnal-80
ernal-20
Marks-100 e-3hours
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SOFT SKILLS AND PERSONALITY DEVELOPMENT

Module - I

Personal Skills: Knowing oneself- confidence buildingdefining strengths- thinking creativelypersonal values-time and stress management.

Module - II

Social Skills: Appropriate and contextual use of language- non-verbal communication-interpersonal skills- problem solving.

Module - III

Personality Development: Personal grooming and business etiquettes, corporate etiquette, social etiquette and telephone etiquette, role play and body language.

Module - IV

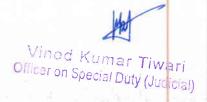
Presentation skills: Group discussion- mock Group Discussion using video recording - public speaking.

Module - V

Professional skills: Organisational skills- team work- business and technical correspondence-job oriented skills-professional etiquettes.

Books for Reference:

1. Matila Treece: Successful communication: Allyun and Bacon Pubharkat.



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- 2. Jon Lisa Interatid skills in Tourist Travel Industry Longman Group Ltd.
- 3. Robert T. Reilly Effective communication in tourist travel Industry Dilnas Publication.
- 4. Boves. Thill Business Communication Today Mcycans Hills Publication.
- 5. Dark Studying International Communication Sage Publication.
- 6. Murphy Hidderandt Thomas Effective Business Communication Mc Graw Hill.

Program- B.VOC	E
Branch-DTP & Printing Technology	Externnal-80
	Internal-20
Semester-IV	Total Marks-100
Paper -II	
	Time-3hours

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OFFSET PRINTING TECHNOLOGY

Module I

Principles of lithography, wetting of a solid surface by a liquid, emulsification of ink and fountain solution, fluid behavior in a nip. Basic configuration of offset machine. Sheet feeding and controls: Types of feeders, sheet control, drives, suction head mechanism, double sheet and no sheet detectors, side lays and front lays. Non-stop feeders. Sheet insertion and transfer systems, working principle, relative merits.

Module II

Printing unit configuration. Cylinders: Various configurations, design, requirements, plate and blanket clamping mechanisms, pressure setting, packing, print length variation, equal diameter, true rolling principles. Cylinder drives. Sheet transfer and reversal systems, perfecting, delivery grippers, settings, quick delivery mechanisms. Anti set-off spray device. Feeders, delivery and other system components for metal printing.

Module III

Blankets, rollers, blanket types, requirements, manufacture, performance attributes. Rollers, types, properties, behavior. Basic inking and dampening system configuration. Fountain solution requirements, composition, re-circulation system and dosing units, Ink/water balance.

Module IV

Printing and inline operations Make-ready operations, multi colour printing, automatic plate fixing, computer controls in printing, automatic blanket wash, roller wash systems. Spot varnishing, coating, numbering. Metal printing UV Dryers, Hot air and IR Drying systems. Print problem identification and quality control.

Module V

Quality control. Standards, Print Control Targets, Test Forms, In-line print quality measurement, inspection and control.

BOOKS FOR REFERENCE:

- 1. Manual for Lithographic Press Operation- A S Porter
- 2. Lithographic Technology -Edwin A Dennis, Olusegan Odesina
- 3. Introduction to Printing Technology-Hugh M Speirs
- 4. Offset Printing Technology, ABPL Pulbications
- 5. Sheet fed Press Operation-GATF
- 6. Offset Technology-C S

Program- B.VOC	External-80
Branch-DTP & Printing Technology	Internal-20
Semester-IV	Total Marks-100
Paper -III	Time-3hours

GRAPHIC REPRODUCTION & COLOR SEPARATION

Module I

Basic steps involved in planning a layout, factors to be considered while planning a layout assembly & masking materials, positive & negative film assembly, planning of multicolor work, punch & drill registration system, step & repeat work, imposition consideration for sheet fed & web fed press.

Module II

Color & color theory - Additive & subtractive -Terms to describe color, - color separation technique Direct & indirect method - GATF color triangles & color circle their use - modern color spaces - color matching - color original - color originals, selection and their characteristics - method of color measurement- color Gamut.

Module III

Prepress color proofing- DDCP- inkjet-thermal wax – chromalin proofing- factors in proofing-substrate- color of ink- solid ink density- trapping tone reproduction proofing methods- soft proof-digital proof- photomechanical proof- press proof- other proofing methods.

Module IV

Planographic plates: Introduction. Light sensitive coating-dichromate colloids, diazo compounds, photopolymers, diffusion and transfer methods, electrostatic. Sensitivity of coating to light. Dye sensitized photo polymerization, dark reaction, post exposure, safe lights, reciprocity law. Action of light sources on coatings, stabilities of coatings

Module V

Plate materials-zinc, aluminum, brass, copper, steel, chromium. Action of oil and water on metal - contact angle. Ability to withstand cracking. Susceptibility to dot sharpening. The plate base- cross

section of an aluminum plate, cross section of a plastic plate. Graining of plates – mechanical graining, electrochemical graining, Anodized aluminum, plate washes.

BOOKS FOR REFERENCE:

Graphic reproduction & color separation, ABPL Publications

Program- B.VOC	Externnal-80
Branch-DTP & Printing Technology	Internal-20
Semester-IV	Total Marks-100
Paper -IV	Time-3hours

ELECTRICAL DRIVES AND CONTROL

Objective: To impart general idea about the electrical aspects of printing machines.

Module I

Electric current, Watt, Ampere, Electric potential, control panel, MCB, ELCB, Electrical panel. AC, DC, Measurement of Voltage, Current, Power and energy, Single phase, Split phase, Three phase and its operation,

Module II

Types of Electric Drives – factors influencing the choice of electrical drives –speed control-heating and cooling curves – Loading conditions and classes of duty – Selection of power rating for drive motors with regard to thermal overloading and Load variation factors- medium power and components rating.

Module III

Drive motor characteristics Mechanical characteristics - Speed-Torque characteristics of various types of load and drive motors - Braking of Electrical motors, ic, rpm- DC motors: Shunt, series and compound - single phase and three phase induction motors.

Module IV

Conventional and solid state speed control of D.C. drives Speed control of DC series and shunt motors – Armature and field control, Using controlled rectifiers and DC choppers –applications.

Module V

Conventional and solid state speed control of a.c. drives Speed control of three phase induction motor – Voltage control, voltage / frequency control – Using inverters and AC voltage regulators –

applications. Power sources- Inverter, UPS, battery, safety measures-safety earthing. Connectors and cables- AC, SPh, DPh, TPh.

BOOKS FOR REFERENCE:

Electrical drives and control for printing machine, ABPL Publications

Program- B.VOC	
Branch-DTP & Printing Technology	
Semester-IV	

INTERNSHIP-I

After the completion of the fourth semester, students will have to undergo a minimum of two Weeks internship programme in a professional design studio or DTP centre attached to a offset/ web Printing press or flex printing press, or a news paper company, to understand various aspects in a design production atmosphere.

Students can choose a design studio in India or abroad for their internship. College will provide a certificate to prove their identity. A member of the faculty will supervise the student during their internship.

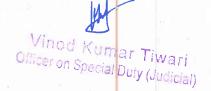
Studios having the following qualities can be chosen:

a. A minimum of two years" experience in designing field

b. Should have produced a minimum of three popular print designs for the last six months.

At the end of the internship, students should prepare a comprehensive report. The report and the specimens of the work done by the student should be attested by the organization. Student should also produce a certificate of internship from the organization. The report should be neatly typed in A4 size paper and in bound form having not less than 25 pages. A copy of the report has to be submitted to the Department before the commencement of the third semester classes. The department will be conducting an open-viva – voce for each student to evaluate the practical skill acquired by them from the training.

Program- B.VOC	Externnal-80
Branch-DTP & Printing Technology	Internal-20
Semester-V	Total Marks-100
Paper -I	Time-3hours



DIGITAL PRINTING

Module I

History of printing, Traditional approaches to printing- Modern approaches to Printing. Different types of printing-Letter press, Direct Printing, Screen printing, Offset printing- sheet fed and web offset. Cold set printing, heat set printing, UV printing...etc

Module II

Combine the works of various designing and drawing software. Magazine, book, and journal printing. Research Journal styles and lay out. Referencing styles. End notes, Footnotes, Bibliography, References.

Module III

Digital Printing, Single color, Two color and multi color. Digital publication to digital media.

Module IV

Printing process- functions of press operator - set up and maintain the press. loading, unloading and cleaning the machine, sheet feeding mechanism, sheet controls, sheet insertion and transfer, Gripper, inking system, Multi roller systems, Dampening system, Cylinder adjustments, Delivery mechanism.

Module V

Skills and Proficiencies required for a printing machine operator. Primary responsibilities of printing machine operator. Job Duties and Tasks for; "Job Printer"

BOOKS FOR REFERENCE:

Digital Printing, ABPL Publication

Program- B.VOC	
	Externnal-40
Branch-DTP & Printing Technology	Internal-10
Semester-V	Total Marks-50
Paper-II	
ARM THE STATE OF T	Time-3hours

WEB OFFSET TECHNOLOGY

Module I

Different types of Web-Offset Printing Presses. Construction and configuration – on-line operations such as numbering, perforating, sprocket hold punching and Zig-Zag folding etc. Different types of collators – Roll to Roll pack to pack – Programmable outers for continuous web-MICR cheque binding system. Machines used for packing and Despatch.

Module II

Receiving shipping, waste paper, & trash removal, ware housing and storing, maintenance, production office, flammable solvent storage, ink mixing, storage and pumping. Typical settings to



be done on a sheet-fed and web press machine. Facility specification-Prepress area, Sheet fed press room, web offset press room, roll paper storage area, bindery, finishing, mailing & pumping

Module III

Materials control-Establishing clear specifications and standardisation of materials to be purchased. Inspection and testing of incoming materials as part of quality control, importance of proper handling and maintenance of records of performance of materials, Sampling.

Module IV

Preparation of impositions for web offset printing. Film assembly & Platemaking. Cocking the plate. Study of pre-make ready & make ready operations of web offset machine. To obtain single color print from web offset machine.

BOOKS FOR REFERENCE:

Web-Offset Printing Technology, ABPL Pulbications

Program- B.VOC	Externnal-40
Branch-DTP & Printing Technology	Internal-10
Semester-V	Total Marks-50
Paper III	Time-3hours

TECHNICAL AND SCIENTIFIC DOCUMENTATION

Module I

Introduction to Latex. Installation of the software LaTeX. Understanding Latex compilation Basic Syntex, Writing equations, Matrix, Tables

Module II

Page Layout - Titles, Abstract Chapters, Sections, References, Equation references, citation. List making environments Table of contents, Generating new commands, Figure handling numbering, List of figures, List of tables, Generating index.

Module III

Packages: Geometry, Hyperref, amsmath, amssymb, algorithms, algorithmic graphic, color, tilez

Classes: article, book, report, beamer, slides. IEEtran.

Module IV

Applications to: Writing Resumae Writing question paper Writing articles/research papers
Presentation using beamer.

Graphics in LaTeX Graphics handling - Generating jpg files. - Function plotting - Data plotting

Module V

Practical and exercises based on the above concepts.

BOOKS FOR REFERENCE:

The LaTeX Companion (Tools and Techniques for Computer Typesetting), Frank Mittelbach, Addison-Wesley Professional

Scientific documentation in LaTeX. ABPL Pulbications

Program- B.VQC	7
Branch-DTP & Printing Technology	Externnal-40
The state of the s	Internal-10
Semester-V	Total Marks-50
Paper -IV	
	Time-3hours

BINDING TECHNOLOGY

Module I

Bookbinding, Objectives of book binding, different types of book bindings. Historical forms of binding. Ethiopian binding. Hand binding and commercial binding.

Module II

Modern commercial binding, Hardcover binding, Punch and bind, Thermally activated binding, Stitched or sewn binding, Paperback binding

Module III

Perfect binding, History, uses, chemicals and rawmaterials used grain direction, spine preparation, adhesives, cover application, coated papers, drawn-on covering, testing.



Module IV

Periodical/Journal Binding, Hardcover and Edition Binding, Perfect Binding (paperback), Saddle Stitch and Loop Stitch, Library Binding, Leather Binding, Sewing, Wire-o Binding and Spiral

Module V

Conservation and restoration of books, manuscripts, documents.

BOOKS FOR REFERENCE:

Bookbinding technology, ABPL Publications

Program- B.VOC	
	Externnal-75
Branch-DTP & Printing Technology	Internal-75
Semester-V	Total Marks-150
Paper -V	Total Marks-130

PROJECT WORK- II

OFFSET PRINT MAGAZINE/BOOK

Students must do this project individually. And it should be a printed magazine/Book developed in any of the softwares. Project should be done under the guidance and approval of the supervising faculty/faculties. Students have to complete the project within the given time period, and they should keep all the important paper works (abstract, design, layout, data sheet of data collection, pdf file etc.) along with them. Students must submit the finished project along with the required paper works and a comprehensive report, to the Head of the Department, before the day of the project evaluation. The project will be evaluated by the external and internal examiners appointed by the university. Delayed, incomplete submissions will be considered as per the university rules.

Program- B.VOC	
Branch-DTP & Printing Technology	Externnal-80
Semester-VI	Internal-20
Paper -I	Total Marks-100
	Time-3hours

ENTERPRENEURSHIP DEVELOPMENT

Module - I

To make the students understand about entrepreneurs and different classifications. Entrepreneur and entrepreneurship - Definition; traits and features classification; Entrepreneurs; Women entrepreneurs; Role of entrepreneur in Entrepreneurs in India.

Module - II

Create an awareness about EDP. Entrepreneurial development programme concept; Need for training; phases of EDP; curriculum & contents of Training Programme; Support systems, Target Groups; Institutions conducting EDPs in India and Kerala.

Module - III

General awareness about edeutification of project financing new enterprises. Promotion of a venture; opportunity Analysis Project identification and selection; External environmental analysis economic, social, technological an competitive factors; Legal requirements for establishment of a new unit; loans; Overrum finance; Bridge finance; Venture capital; Providing finance in Approaching

Module - IV

To identify different Discuss opportunities in small business. Small business Enterprise - Identifying the Business opportunity in various sectors - formalities for setting up of a small business enterprise -Institutions supporting small business enterprise - EDII (Entrepreneurship Development Institute of India), 0 SLDO (Small Industries Development Organization NSIC (National small Industries Corporation Ltd. (CNSIC) NIESBUD (National Institute for Entrepreneurship and small Business Development) Sickness in small business enterprise causes and remedies.

Module - V

To understand about a project report relating to a small business. Project formulation - Meaning of a project report significance contents formulation planning commissions guidelines for formulating a project report - specimen of a project report, problems of entrepreneurs case studies of

BOOKS FOR REFERENCE:

- 1. Cliffton, Davis S. and Fylie, David E., Project Feasibility Analysis, John Wiley, New York, 1977.
- 2. Desai A. N., Entrepreneur and Environment, Ashish, New Delhi, 1990.
- Drucker, Peter, Innovation and Entrepreileurship, Heinemann, London, 1985
- 4. Jain Rajiv, Planning a Small Scale Industry: A guide to Entrepreneurs, S.S. Books, Delhi, 1984

Kumar S. A., Entrepreneurship in Small Industry, Discovery, New Delhi, 1990
 McCleffand, D. C. and Winter, W. G., Motivating Economic Achievement, Free Press, New York,

Program- B.VOC	
Branch-DTP & Printing Technology	Externnal-80
Semester-VI	Internal-20
	Total Marks-100
Paper -II	
	Time-3hours

COSTING FOR PRINTING PRESS

Module I

Basics of Accounting. Double entry system. Concept of debit and credit. Journal, Ledger, P&L a/c and BS.

Module II

Cost Accounting. Elements of Cost. Foxed cost, Variable cost, semi variable cost, marginal cost, overhead cost, production cost.

Module III

Elements of Printing Cost. Paper cost, ink cost, machine cost, operating hours, pre-press cost, post press cost. Good Copy & Bad copy in Printing

Module IV

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Labor cost, Factors affecting labor cost, machine hour cost, per unit cost, Job Cost, elements of job cost, Costing and estimating of various jobs.

Module V

Data entry using software: Report generation. Printing of reports. Sending reports by email.

BOOKS FOR REFERENCE:

Printing Press Costs, ABPL Publications

Program- B.VOC	
	Externnal-80
Branch-DTP & Printing Technology	Internal-20
Semester-VI	Total Marks-100
Paper -III	Time-3hours
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PRINTING PRESS MANAGEMENT SYSTEM

Module I

Quotations, Orders, Customer and order book, its Planning and organizing, Delivery notes, Job Cards, Invoices, Delivery Notes and production control.

Module II

Purchase management solution including Purchase Request, LPO, Delivery Note, Goods return and manage bills. Inventory and stock Management including low stock notification.

Module III

Calculation of the estimate-Paper cost, Machine cost, Operation cost, outsource cost etc.
Conversion of Estimates as Quotations and work Orders. Send Quotation by Email

Module IV

Manage work orders and worksheets of customers. Manage Pre-Press and track the assigned work status. Track customer work orders, load of machine. Assign Machine for print by understanding the load of machine. Assign printed sheets to Post-Press and outsource works.

Module V

Generate Invoices by adjusting discounts and advanced payments. Purchase Management Reports , Stock Management Control Panel

BOOKS FOR REFERENCE:

Printing Press Management System, ABPL Publications

Externnal-80
Internal-20
Total Marks-100
Time-3hours

OFFSET PLATE MAKING

Module I

Offset-lithography. Offset printing technology. Offset and Digital Printing- difference. Plates for process printing – Molded rubber plates , Photo polymer plates, Plate making from liquid photo polymer, plate making from sheet photo polymer. Flexography. Skills and responsibilities of plate

Module II

CTcP (Computer to Conventional Plate), UV-radiator, reflector, mirror, optics, DMD (digital mirror device), Computer-to-Plate Processes-Material, exposure, development. Format Range, System Configuration, Workflow-Pdf, imposition, separation trapping RIP, plate loader/plate setter processor, Semi automatic/automatic/process free CtP.

Module III

Computer-to-Plate (CtP)- competitive advantages, essentials for the use of CtP, CtP technology, Materials, Equipment and Workflow for Digital Offset Plate Making-Internal Drum Plate Setter Architecture, rotating mirror, Repeat Plate Setter Architecture. Computer-to-Plate Data Flow-Pdf, imposition, RIP, Tiff bitmap, Tiff download, Plate setter.

Module IV

Plate Materials, CtP Exposure Sources, hydrophilic (vater accepting) base material, oleophilic (ink accepting) coating materials, Matching of Plate Materials and Exposure, Sensitivity of Plate Materials, Conventional Diazo Plate, Silver Halide Plate, Silver Halide Polyester Plate, Photopolymer Plate (violet), Thermal Plate, Chemistry-free Thermal Plate, Process-less Thermal Plate, Thermal Plate for Waterless Offset,

Module V

Relationship between Plate Sensitivity and Imaging Power, External Drum Plate Setter Architecture, Imaging Raster Data.

Computer-to-Plate quality loop, density control, RIP Calibration.

Computer-to-Plate Imaging, imaging resolution, screen ruling, laser pixel, printing dot, image geometry, External Drum Plate Setter, Flat Bed Plate Setter Architecture.

BOOKS FOR REFERENCE:

Offset Plate Making, ABPL Publications

Program- B.VOC	
Branch-DTP & Printing Technology	
Semester-VI	
INTERNSHIP-II (Two week)	

INTERNSHIP - II

After the completion of the Sixth semester, students will have to undergo a minimum of two Weeks internship programme in a professional design studio or DTP centre attached to an offset/ web Printing press or flex printing press, or a newspaper company, to understand various aspects in a

Students can choose a design studio in India or abroad for their internship. College will provide a certificate to prove their identity. A member of the faculty will supervise the student during their internship.

Studios having the following qualities can be chosen:

a. A minimum of five years" experience in designing field

b. Should have produced a minimum of three popular print designs for the last six months.

At the end of the internship, students should prepare a comprehensive report. The report and the specimens of the work done by the student should be attested by the organization. Student should also produce a certificate of internship from the organization. The report should be neatly typed in A4 size paper and in bound form having not less than 25 pages. A copy of the report has to be submitted to the Department before the commencement of the third semester classes. The department will be conducting an open-viva -voce for each student to evaluate the practical skill