

DIPLOMA IN FASHION TECHNOLOGY AND APPAREL DESIGNING

Syllabus

Program Code: DFA

2023-2024 onwards



**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous),
Pasumalai**

Curriculum

(For the student admitted during the academic year 2023-2024 onwards)

Course Code	Title of the Course	No. of Hours /week		No. of Credits		Maximum Marks		
		T	P	T	P	Int	Ext	Total
FIRST SEMESTER								
Part – I	General Education							
23DBAG11	Business Communication	4	-	4	-	40	60	100
23DBAG12	Entrepreneurship	4	-	4	-	40	60	100
23DCSGP1	Office Automation Lab	-	4	-	4	40	60	100
	Total	8	4	8	4			
Part – II	Skill component							
23DFASP1	Fibre to fashion designing Lab	2	4	2	4	40	60	100
23DFASP2	Basic of clothing construction Lab	2	4	2	4	40	60	100
23DFASP3	Fashion illustration Lab	2	4	2	4	40	60	100
	Total	6	12	6	12			
SECOND SEMESTER								
Part – I	General Education							
23DBAG21	Small Business Management	4	-	4	-	40	60	100
23DFAG21	Basics of apparel manufacturing	4	-	4	-	40	60	100
23DCSGP2	Multimedia Lab	-	4	-	4	40	60	100
	Total	8	4	8	4			
Part – II	Skill component							
23DFASP4	Fashion Surface ornamentation Lab	2	4	2	4	40	60	100
23DFASP5	Garment Construction Lab	2	4	2	4	40	60	100
23DFAS21	Internship	-	6	-	6	40	60	100
	Total	4	14	4	14			
	Grand Total	26	34	26	34			



**MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
COMMUNITY COLLEGE
ALL DIPLOMA COURSES**

(For those who joined in 2023-2024 and after)

Course Name	BUSINESS COMMUNICATION			
Course Code	23DBAG11	L	P	C
Category	General Education	4	-	4
COURSE OBJECTIVES:				
<ol style="list-style-type: none"> 1. To enable the students to acquire the written and oral business communication skills. 2. To Understand about trade enquires, & also the concept of collection letter. 3. Provide foundation and means of writing business letters. 4. To write resume for application for different positions independently. 5. To acquaint knowledge on report writing and able to write business reports. 				
UNIT: I	BUSINESS COMMUNICATION			12Hrs
Introduction - Meaning - Definition - Characteristics – Process - Essentials of Effective Communication - Forms of Communication - Types - Media of Communication - Written – Oral - Visual - Audio Visual - Computer based Communication - Barriers and remedies.				
UNIT: II	WRITTEN COMMUNICATION			12Hrs
Written Communication - Meaning - Business Letters - Essentials of a good Business Letter - Layout - Trade Letters – Enquiries & Offers – Quotations – Orders - Circular Letters - Sales Letters - E-mail Etiquettes.				
UNIT: III	ORAL COMMUNICATION			12Hrs
Oral Communication – Meaning - Oral and other forms of Communication – Speeches - Group communication - Presentations - Listening – Dialogue skills.				
UNIT: IV	RESUME DRAFTING			12Hrs
Resume Drafting - Application for a situation – Structure - Preparation of Resume - Preparation of Curriculum vitae – Drafting an application for different positions - Resume-Creation of Blogs.				
UNIT: V	REPORT WRITING			12Hrs
Report Writing - Meaning –Importance- Types of Business Reports - Structure of a Report - Oral and written reports-Characteristics of a good report -Drafting of Business Reports -Proposal – Meaning – Types of proposal.				
Books for Study:				
1. N.S. Raghunathan & B. Santhanam, “ <i>Business Communication</i> ”, fourth Edition, 2017				

Margham publication.

Books for References:

1. R.S.N. Pillai & Bagavathi, “*Modern Commercial Correspondence*”, 2007, S. Chand & Company Ltd, New Delhi.
2. Rajendra Pal & J.S. Korlahalli, “*Essentials of Business Communication*”, Thirteenth Edition, 2013, Sultan Chand & Sons, New Delhi.

Total Lecture Hours | 60

COURSE OUTCOME

- | | |
|-------------|---|
| CO1: | Acquire the written and oral business communication skills. |
| CO2: | Gain theoretical framework in writing business letters |
| CO3: | Draft business, trade and circular letters comprehensively |
| CO4: | Write resume for application for different positions independently |
| CO5: | Acquaint knowledge on report writing and able to write business reports |

LESSON PLAN

UNIT	BUSINESS COMMUNICATION	Hrs	Mode
I	Business Communication	12Hrs	PPT, Group Discussion, Seminar, Quiz, Assignment and Activity
II	Written Communication	12Hrs	
III	Oral Communication	12Hrs	
IV	Report Writing	12Hrs	
V	Resume Drafting	12Hrs	



**MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
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ALL DIPLOMA COURSES
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Course Name	ENTREPRENEURSHIP			
Course Code	23DBAG12	L	P	C
Category	General Education	4	-	4
COURSE OBJECTIVES:				
<ol style="list-style-type: none"> To understand the areas of discipline of management & entrepreneurship. To acquire necessary knowledge and skills required for organizing and carrying out Entrepreneurial activities. To master the knowledge necessary to plan entrepreneurial activities. To motivate young people to set up own ventures and contribute to national economic development. To create more employment opportunities. 				
UNIT: I	ENTREPRENEUR & ENTREPRENEURSHIP			12Hrs
Entrepreneurship – Meaning – Characteristics –Types – Functions of entrepreneurs –Distinction between entrepreneur and manager. Entrepreneurship - Concept– Nature and characteristics – Entrepreneurship and Intrapreneurship – Role of entrepreneurship in economic development.				
UNIT: II	NATURE AND SCOPE OF BUSINESS			12Hrs
Meaning of business – Characteristics of business – Distinction between business, profession and employment – Components of business, – Inter-relationship between industry, commerce and trade – Requisites of success in business.				
UNIT: III	WOMEN ENTREPRENEURS			12Hrs
Women Entrepreneurs – Definition – Need – Functions – Qualities of Women Entrepreneurs – Problems faced by women entrepreneurs – Suggestions for the development of women entrepreneurs.				
UNIT: IV	FRANCHISING			12Hrs
Definition – Advantages – Successful Examples – Franchising offers in India – List of Franchise offers in India – Precautions – Types of Franchises.				
UNIT: V	ENTREPRENEURSHIP DEVELOPMENT IN INDIA			12Hrs
Emergence of entrepreneurial class in India – Environmental factors affecting entrepreneurship – Locational mobility of entrepreneurs – Entrepreneurship development programme – Institutions for entrepreneurship development – Entrepreneurial performance in India.				
Books for Study:				
1. Dr. Gupta. C.B and Dr. S.S. Khanka., Entrepreneurship and Small Business Management, New Delhi, 2019				
Books for References:				

1. Jeyashree Suresh, Entrepreneurial Development, Margham Publications, Chennai, 2019.
2. Dr. P.T. Vijayshree & Dr. M. Alagammai, Entrepreneurship & Small Business Management, Margham Publications, Chennai, 2016.

Total Lecture Hours | **60**

COURSE OUTCOME

CO1:	Gain understanding of the concepts of Entrepreneurship and their development in all forms and shapes.
CO2:	Understand entrepreneurial environment impacted by the social, economic, cultural & legal conditions.
CO3:	Understand the entrepreneurial process from idea generation, to concept development and creation of the venture.
CO4:	Provide the students with necessary inputs for creation of new ventures and develop entrepreneurial behavior.
CO5:	Identify and develop opportunities for an entrepreneur in an uncertain and inflexible environment and ways and means to minimize the external threats.

LESSON PLAN

UNIT	ENTREPRENEURSHIP	Hrs	Mode
I	Entrepreneur & Entrepreneurship	12Hrs	PPT, Group Discussion, Seminar, Quiz, Assignment and Activity
II	Rural Entrepreneurs & Women Entrepreneurs	12Hrs	
III	Entrepreneurial Motivation	12Hrs	
IV	Franchising	12Hrs	
V	Successful Entrepreneur in India	12Hrs	



**MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
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ALL DIPLOMA COURSES
(For those who joined in 2023-2024 and after)**

Course Name	OFFICE AUTOMATION LAB			
Course Code	23DCSGP1	L	P	C
Category	General Education	-	4	4

COURSE OBJECTIVES:

1. To learn objective of this course is familiarizing the students with the innovations of in computer applications in business.
2. To understand the basic computer knowledge and also enable the students to appreciate the practical details of computer.
3. To enable you, the user to create and edit documents.
4. To create and manipulate simple.
5. To construct formulas, including the use of built in functions, and relative and absolute references in Ms-Excel.

LIST OF ASSIGNMENTS (MS WORD)

1. Create a news-paper document with at least 200 words,
 - a. Use margins as, top: 1.5, bottom:2, left:2, right:1 inches.
 - b. Use heading “Gandhi Jayanti”, font size: 16, font color: red, font face: Arial Black.
 - c. With first letter “dropped” (use drop cap option) of the first paragraph containing a picture at the right side
 - d. Use three columns from the second paragraph onwards till the half of thepage.
 - e. Then use heading “Computer basics”
 - f. Create paragraph using two columns till the end of the page.
2. Create a flowchart using,
 - a. Proper shapes like ellipse, arrows, rectangle, and parallelogram.
 - b. Use grouping to group all the parts of the flowchart into one single object.
3. Create a table using table menu with,
 - a. At least 5 columns and 10 rows.
 - b. Merge the first row into one cell.
 - c. Merge the second row into one cell, then split the second row into threecells.
 - d. Use proper table border and color.
 - e. Insert proper content into the table with proper text formatting.
4. Create a table using two columns,
 - a. The left column contains all the short-cut keys and right side column contains the function of the short-cut keys.

- b. Insert a left column using layout option. Name the heading as Serial No.
5. Create two letters with the following conditions in Ms Word and find the difference.
- Write a personal letter to your friend using at least 100 words and two paragraphs. The date must be in top-right corner. Use „justify“ text-alignment and 1.5 line spacing for the body of the letter. Letter must contain proper salutation and closing.
 - Use step by step mail-merge wizard to design a letter. (Mailing step by step mail merge wizard letters start from a template select template letters select proper template create new document OK)
6. Create a letter, which must be sent to multiple recipients.
- Use Mail-Merge to create the recipient list.
 - Use excel sheet to enter the recipient.
 - Start the mail merge using letter and directory format. State the difference.

LIST OF ASSIGNMENTS (MS EXCEL)

- Create a table “Student result” with following conditions.
 - The heading must contain, Sl. No., Name, Mark1, Mark2, Mark3, Total, average and result with manual entry.
 - Use formulas for total and average.
 - Find the name of the students who has secured the highest and lowest marks.
 - Round the average to the nearest highest integer and lowest integer (use ceiling and floor function respectively).
- Do as directed
 - Create a notepad file as per the following fields

Slno	name	th1	th2	th3	th4	th5	total	%	grade
 - Import this notepad file into excel sheet using „data from text“ option.
 - Grade is calculated as,
 - If $\% \geq 90$, then grade A
 - If $\% \geq 80$ and < 90 , then grade B
 - If $\% \geq 70$ and < 80 , then grade C
 - If $\% \geq 60$ and < 70 , then grade D
 - If $\% < 60$, then grade F
- Create a sales table using the following data,

Item	Year1	Year2	Year3	Year4
Item1	1000	1050	1100	1200
Item2	950	1050	1150	1200
Item3	1100	1200	1200	1300

- Draw the bar-graph to compare the sales of the three items for four years using insert option.
- Draw a line-graph to compare the sales of three items for four years using insert option.
- Draw different pie-charts for the given data using insert option.
- Use condition, to highlight all the cells having value ≥ 1000 with red

color (use conditional formatting).

LIST OF ASSIGNMENTS (MS POWERPOINT)

1. Create a power-point presentation with minimum 5 slides.
 - a. The first slide must contain the topic of the presentation and name of the presentation.
 - b. Must contain at least one table.
 - c. Must contain at least 5 bullets, 5 numbers.
 - d. The heading must be, font size:32, font-face: Arial Rounded MT Bold, font-color: blue.
 - e. The body must be, font size: 24, font-face: Comic Sans MS, font-color: green.
 - f. Last slide must contain „thank you“.
2. Create a power-point presentation with minimum 10 slides
 - a. Use word art to write the heading for each slides.
 - b. Insert at least one clip-art, one picture
 - c. Insert at least one audio and one video
 - d. Hide at least two slides
3. Create a power-point presentation with minimum 5 slides
 - a. Use custom animation option to animate the text; the text must move left to right one line at a time.
 - b. Use proper transition for the slides.

Books for Study:

1. Dr. P. Rizwan Ahmed, *Office Automation* , Margham publication, Chennai, 2019 reprint.

Books for References:

1. Comdex 14-1in-1 Computer course Kit ,Vikas Gupta.
2. Master in Ms-Office, Bittu Kumar.

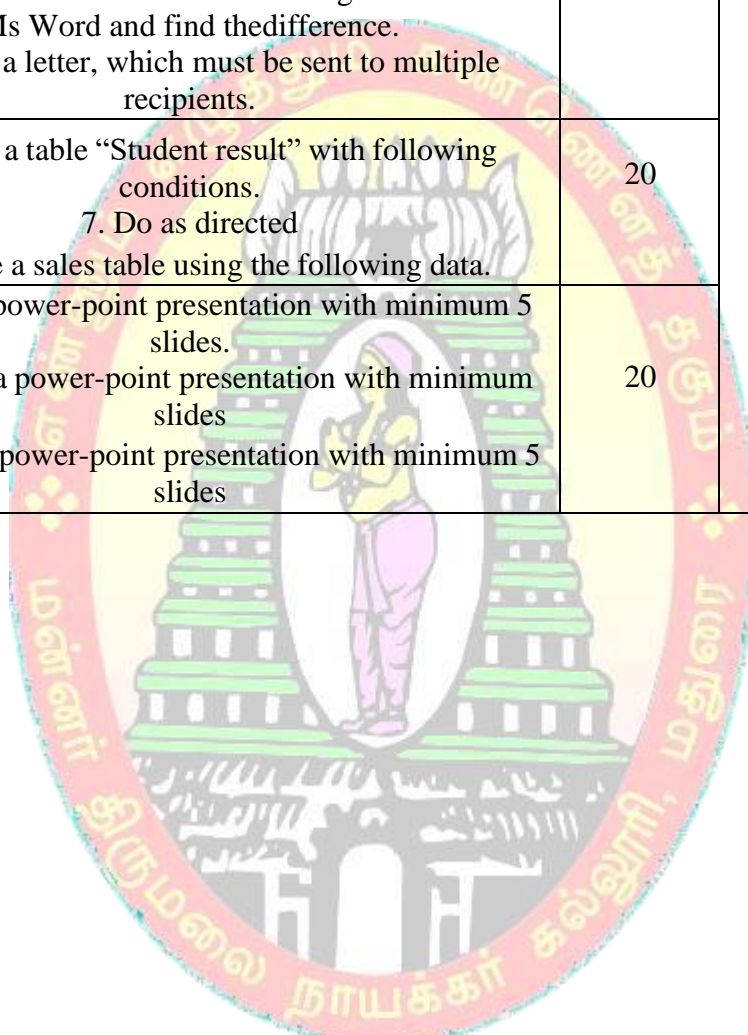
Total Lecture Hours **60**

COURSE OUTCOME

CO1:	Acquire knowledge on editor, spreadsheet and presentation software
CO2:	Understand and discuss about the use of Office Package in daily life
CO3:	Give hands on training to the students to create and format documents using MSWord
CO4:	Construct charts in MS-Excel
CO5:	Design presentation with efficient slides

LESSON PLAN

OFFICE AUTOMATION LAB	Hrs	Mode
<p>Exercise:</p> <p>1. Create a news-paper document with at least 200 words.</p> <p>2. Create a flowchart using.</p> <p>3. Create a table using table menu.</p> <p>4. Create two letters with the following conditions in Ms Word and find the difference.</p> <p>5. Create a letter, which must be sent to multiple recipients.</p>	20	Laboratory experiments
<p>6. Create a table “Student result” with following conditions.</p> <p>7. Do as directed</p> <p>8. Create a sales table using the following data.</p>	20	
<p>9. Create a power-point presentation with minimum 5 slides.</p> <p>10. Create a power-point presentation with minimum slides</p> <p>11. Create a power-point presentation with minimum 5 slides</p>	20	





**MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
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DEPARTMENT OF FASHION TECHNOLOGY
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Course Name	FIBRE TO FASHION DESIGN LAB			
Course Code	23DFASP1	L	P	C
Category	Skill component	2	4	6
COURSE OBJECTIVES:				
1. To learn the properties and manufacturing of different fibers. 2. Evaluate the methods of yarn manufacturing. 3. To enable the students about basic manufacturing of different fabrics. 4. To gain knowledge about the elements of art and principles of design applied in different area. 5. To understand different colors moods and their meaning.				
UNIT: I	TEXTILE FIBRES	10 Hrs		
Introduction to the field of textiles - Fibre – definition – classification of textile fibres – natural fibre – cotton – silk – wool – man-made fibre – polyester – rayon.				
UNIT: II	YARN	15 Hrs		
Yarn – definition and classification – simple and fancy yarn. Yarn twist – types and effects. Sewing thread – properties – ticket numbering.				
UNIT: III	FABRIC	15 Hrs		
Weaving: process, Types of fabric – knitted– process, types of fabric – Non-woven: process, Type of fabric.				
UNIT: IV	ELEMENTS OF ARTS	25 Hrs		
Introduction to elements of arts – line: Horizontal line, Vertical line, Oblique line, Diagonal line, Curved line - form - shape - texture – colour.				
UNIT: V	PRINCIPLES OF DESIGN	25 Hrs		
Introduction to Principles of design; Balance, Formal balance, Informal balance, Radial balance, Emphasis – Harmony – Proportion – Rhythm.				
(60% of marks must be allotted to practical questions, 40% of marks must be allotted to Theory questions)				
LIST OF PRACTICALS				

- Process of cotton fibre to fabric
- Process of silk fibre to fabric
- Yarn twisting
- Process of non-woven fabric

Preparation of elements of arts

- Draw the variation lines
- Draw the variation of texture
- Draw the variation of shape or form
- Draw the variation of size
- Preparation of prang color chat
- Learning the mixed colours

Preparation of principles of design

- Draw the balance in dress
- Draw the harmony in dress
- Draw the emphasis in dress
- Draw the proportion on dress
- Draw the rhythm in dress

Total Lecture Hours | **90 Hrs**

Books for Study:

Materials will be provided by department of fashion technology and apparel designing

COURSE OUTCOME

CO1: Define textile and fibre

CO2: Competent to identify three types of natural fibers and their characteristics

CO3: Recognize the types of yarn and its quality parameters

CO4: Able to draw elements of arts

CO5: Apply principles of design in a garment

LESSON PLAN

UNIT	FIBRE TO FASHION DESIGN LAB	HRS	MODE
I	Textile Fibres	10	PPT, Seminar, Assignment and Hand-on- training
II	Yarn	15	
III	Fabric	15	
IV	Elements of arts	25	
V	Principles of design	25	



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DEPARTMENT OF FASHION TECHNOLOGY
AND APPAREL DESIGNING
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Course Name	BASICS OF CLOTHING CONSTRUCTION LAB			
Course Code	23DFASP2	L	P	C
Category	Skill component	2	4	6
COURSE OBJECTIVES:				
1. To gain the knowledge about basic seam and seam finishes. 2. To the knowledge about different hand embroidery. 3. To gain the knowledge about sleeve types. 4. To learn about yoke and fullness. 5. To learn about plackets and pockets.				
UNIT: I	BASIC SEAMS AND SEAM FINISHES			15 Hrs
Introduction to basic seams, preparation of samples for seam and seam finishes. seams - plain seam , single top seam , double top seam , welt seam , flat fell seam , slot seam , French seam , piped seam . seam finishes – edge stitch finish , double stitch finish , bound seam edge finish , planked finish				
UNIT: II	BASIC HAND STITCH			10 Hrs
Introduction to basic hand stitch, preparation of samples for seam and seam finish – mantua makers seam , over caste finish , herringbone stitch finish.				
UNIT: III	SLEEVE			15 Hrs
Preparation of samples for sleeve - plain sleeve, puff sleeve - gathers at top, puff sleeve - gathers at bottom, puff sleeve - gathers at top & bottom.				
UNIT: IV	YOKE AND FULLNESS			25 Hrs
preparation of samples for yoke and fullness. Fullness – standard dart, double pointed dart, pin tuck, cross tuck, knife pleat, box pleat. yoke – round yoke , yoke with fullness (pin tucks)				
UNIT: V	PLACKETS & POCKETS			25 Hrs

Preparation of samples for plackets & pockets . Plackets - faced and bound placket, lapped seam zipper placket, slot seam zipper placket. pockets - patch pocket, pocket set - in - seam. (60% of marks must be allotted to practical questions. 40% of marks must be allotted to Theory questions).	
LIST OF PRACTICALS	
<ul style="list-style-type: none"> Preparation of seam and seam finishes Preparation of samples <ul style="list-style-type: none"> Preparation of sleeve Preparation of yokes Preparation of fullness Preparation of plackets Preparation of pockets 	
	Total Lecture Hours 90 Hrs
Books for Study:	
Materials will be provided by department of fashion technology and apparel designing	
COURSE OUTCOME	
CO1:	Create samples of seam and seam finishes throw machine
CO2:	Create samples of seam and seam finishes throw hand on training
CO3:	Construct various sleeves
CO4:	Design yoke and fullness
CO5:	Design plackets and pockets

LESSON PLAN

UNIT	BASICS OF CLOTHING CONSTRUCTION LAB	Hrs	Mode
I	Basic Seams and Seam Finishes	15	PPT, Seminar, Assignment and Hand-on-training
II	Basic hand stitch	10	
III	Sleeve	15	
IV	Yoke and fullness	25	
V	plackets & pockets	25	



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Course Name	FASHION ILLUSTRATION LAB			
Course Code	23DFASP3	L	P	C
Category	Skill Component	2	4	6
COURSE OBJECTIVES:				
1. To learn the basic techniques of sketching. 2. To know the drawing methods of fashion figures. 3. How to sketch the basic shadings and fashion figures. 4. To gain the knowledge about prints and dots. 5. To know the sketching methods of different garments and ornaments.				
UNIT: I	Head theory			10 Hrs
7 ^{1/2} stick figure, 8 head theory, 10 head theory.				
UNIT: II	Fashion illustration			25 Hrs
Eyes (2), Nose (2), Lips, Ears. Head & face, Arms, Hands, Legs, Feet.				
UNIT: III	Accessories			15 Hrs
Shoes (3) , Bags (3) , Hats (3) , Gloves (3).				
UNIT: IV	Prints and dots			25 Hrs
Prints: classical print, Floral print, Self print, Computerized print, Animal print, Children print, Numerical print, Alphabetical print. Dots: Big dots, Small dots, Polka dot.				
UNIT: V	Sketches			15 Hrs
Sketches of children's wear - Sketches of women's wear - developing sketches based on theme.				
(60% of marks must be allotted to practical questions. 40% of marks must be allotted to Theory questions).				
LIST OF PRACTICALS				

Basic figure drawing

- Draw the 7 ¹/₂ head theory
- Draw the 8 head theory
- Draw the 10 head theory
- Draw the face theory
- Draw the accessories

Preparation of prints & dots

- Draw the types of prints
- Draw the dots in dress

Draw the dress

- Draw a dress design for children’s wear
- Draw a dress design for women’s wear
- Draw a dress design for based on theme

Total Lecture Hours 90 Hrs

Books for Study:

1. Materials will be provided by department of fashion technology and apparel designing

COURSE OUTCOME

CO1: Draw different figures and charts of garments

CO2: Design dresses for figure irregularities

CO3: Draw different types of Accessories

CO4: Apply various printing and dots

CO5: Creates her own style on fashion figure

LESSON PLAN

UNIT	FASHION ILLUSTRATION LAB	Hrs	Mode
I	Head theory	10	PPT, Seminar, Assignment and Hand-on- training
II	Fashion illustration	25	
III	Accessories	15	
IV	Prints and dots	25	
V	Sketches	15	



**MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
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ALL DIPLOMA COURSES
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Course Name	SMALL BUSINESS MANAGEMENT			
Course Code	23DBAG21	L	P	C
Category	General Education	4	-	4
COURSE OBJECTIVES:				
<ol style="list-style-type: none"> To familiarize the concept of Small business. To discuss sources of finance steps to start industrial Units. To know the various institutions assisting finance. To create more employment opportunities. Decision support information that improves decisions such as a report. 				
UNIT: I	BASICS OF SMALL BUSINESS ENTERPRISE			14 Hrs
Small Business – Definition – Features – Role of Small Business in Economic Development – Reasons for Establishing Small Business – Quality of Small Businessmen – Advantages and Disadvantages of Small Business – Reasons for Failures of Small Business – Characteristics of Successful Small Businessmen – Different Stages of Small business – Steps in Setting up a Small Business – Relationships between Small and Large Units – Small Sector in India .				
UNIT: II	DYNAMICS OF SMALL BUSINESS			14 Hrs
Concepts and Definitions of Small Scale Industries (SSIs) – Role of SSIs – Government Policy and Development of SSIs – Growth and Performance – SSI Sector and Committee Report – Reservation of items for SSI – Problems of SSI – Sickness of SSI: Causes, Symptoms and Cures – Prospects of SSI in free Economy.				
UNIT: III	INSTITUTIONS SUPPORTING SMALL BUSINESS			12 Hrs
Central, State and Other Institutional Support for SSI – Technological Upgradation and Institutional facility for SSI – Incentives and Subsidies for SSI.				
UNIT: IV	ESTABLISHING OF MICRO, SMALL AND MEDIUM ENTERPRISES			10 Hrs
MSME - Steps in Enterprise Building: Finding out New Business Idea – Identifying a Suitable Business Opportunity – Preliminary Evaluation.				
UNIT: V	GROWTH STRATEGIES FOR SMALL BUSINESS			10 Hrs

Need for growth –Types of growth strategies –Expansion –Diversification –Sub-contracting – stages of growth.	
	Total Lecture Hours 60
Books for Study:	
1. Dr. Gupta. C.B and Dr. S.S. Khanka., Entrepreneurship and Small Business Management, New Delhi, 2019	
Books for References:	
1. Dr. P.T. Vijayshree & Dr. M. Alagammai, Entrepreneurship & Small Business Management, Margham Publications, Chennai, 2016.	
2. Vasant Desai, Fundamentals of Entrepreneurship and Small Business Management, Himalaya Publishing House, 2010.	
COURSE OUTCOME	
CO1:	Gain knowledge in the concept of small business management
CO2:	Understand the procedure to start the new venture
CO3:	Know the various institutions assisting
CO4:	Facilitates to identify new ideas and ventures
CO5:	To develop the Employability skill.

LESSON PLAN

UNIT	SMALL BUSINESS MANAGEMENT	Hrs	Mode
I	Introduction to small business	12	PPT, Group Discussion, Seminar, Quiz, Assignment and Activity
II	Institutional support to small scale industries	12	
III	Starting of micro, small and medium enterprises	12	
IV	Sickness in small scale sector	12	
V	Growth strategies for small business	12	



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Course Name	BASICS OF APPAREL MANUFACTURING			
Course Code	23DFAG21	L	P	C
Category	General Education	4	-	4
COURSE OBJECTIVES:				
<ol style="list-style-type: none"> 1. To study about the sewing machines and their types. 2. To learn the tools for clothing constructions. 3. To study the methods of pattern making and its alternation. 4. To learn about the fabric cutting. 5. Develop knowledge about spreading, marking and cutting techniques. 				
UNIT: I	SEWING MACHINE			12 Hrs
Introduction to sewing machine – Type of sewing machine bed –Sewing machine classification – Types of sewing machine: Single needle Lock Stitch – Double Needle Lock Stitch – Over lock – Flat Lock – Bar tacking – Button hole – Button fixing – Blind.				
UNIT: II	TOOLS FOR CLOTHING CONSTRUCTION			12 Hrs
Tools for clothing construction: Needle, Bobbin case, Bobbin and its winding, shuttle, shuttle hook, Lopper, Loop spreader, Throat plate, presser foot, Take-Up lever –Tension guide and their functions – Various feed systems. Technique for threading – Upper and lower threading.				
UNIT: III	PATTERN MAKING AND DRAFTING			12 Hrs
Methods of pattern Making and Drafting – Draping and Flat pattern methods – Study of commercial pattern and body measurements. Pattern layout, Fitting and Pattern Alteration, Grading- Definition, Types (Manual and Computerized).				
UNIT: IV	INTRODUCTION TO CLOTHING MANUFACTURE			12 Hrs
Introduction to clothing manufacture- Brief study of sequence of process – Spreading –Method of spreading – Spreading machines, marking – Method of marking – Types of markers and computer aided markers.				
UNIT: V	CUTTING TECHNOLOGY			12 Hrs
Cutting technology – Definition – function and scope – Cutting equipment’s and tools. Vertical reciprocity cutting machines – Straight knife cutting machines – Rotary knife cutting machines – Band knife cutting machine – Die cutters, die cutters – drills and computerized cutting machines.				

	Total Lecture Hours	60 Hrs
Books for Study:		
1. Materials will be provided by department of fashion technology and apparel designing		
COURSE OUTCOME		
CO1:	Identify different parts of stitching machines and their function	
CO2:	Handle of machinery tools	
CO3:	Develop the knowledge in skillful and pattern making and drafting	
CO4:	Use different measurements and draft a specific pattern	
CO5:	Know the competent in cloth cutting techniques and body measurements	

LESSON PLAN

UNIT	BASICS OF APPAREL MANUFACTURING	Hrs	Mode
I	Sewing machine	12	PPT, Group Discussion, Seminar, Quiz, Assignment and Activity
II	Tools for clothing constructions	12	
III	Pattern Making and Drafting	12	
IV	Introduction to clothing manufacture	12	
V	Cutting technology	12	



**MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
COMMUNITY COLLEGE
ALL DIPLOMA COURSES
(For those who joined in 2023-2024 and after)**

Course Name	MULTIMEDIA LAB			
Course Code	23DCSGP2	L	P	C
Category	General Education	-	4	4
COURSE OBJECTIVES:				
<ol style="list-style-type: none"> 1. To learn the basics and Fundamentals of Multimedia animation. 2. To introduce Multimedia components and Tools. 3. To understand how Multimedia can be incorporated in real life. 4. To develop various video and text applications. 5. To Design and develop various Multimedia Systems applicable in real time. 				
LIST OF PRACTICALS				Hours
Flash Lab Programs: <ol style="list-style-type: none"> 1. Moving a Ball using flash. 2. Bouncing a Ball using flash. 3. Moving a Car using flash. 4. Animating a Star using flash. 5. Frame by Frame Animation using flash. 6. Text masking using flash. 7. Photo masking using flash. 8. Write a program to find Arithmetic Value in Flash. 9. Write a program to find Fibonacci Series in Flash. 10. Write a program to find Factorial in Flash. Photoshop Lab Program: <ol style="list-style-type: none"> 11. Design Birthday card using Photoshop. 12. Convert Picture into Text Background image. 13. Creating Brush tool and using a Jelly Beans 14. Clone the image using Photoshop. 15. Pass port size photo using Photoshop. 				60
Total Lecture Hours				60 Hrs
Books for Study:				
1. M. Mahalakshmi, Multimedia , Margham Publications (2019)				
Books for References:				
1. Practical Photoshop CS6, Level 1 by Barbara Zukin Heiman, Donald Laird, Corrine Haverinen, Windsor Green, & Marilyn P. Kelly Practical Photoshop.				

2. Project Flash MX by Nat Gertler, Thomson Delmar Learning Publication.	
COURSE OUTCOME	
CO1:	Perform the operations of various multimedia techniques
CO2:	Ability to know about techniques of image processing
CO3:	Understand the various designing process in multimedia animation
CO4:	Develop an interactive multimedia presentation by using multimedia devices
CO5:	Identify practical aspects in designing latest multimedia applications

LESSON PLAN

LIST OF PRACTICALS	Hrs	Mode
<p>Flash Lab Programs:</p> <ol style="list-style-type: none"> Moving a Ball using flash. Bouncing a Ball using flash. Moving a Car using flash. Animating a Star using flash. Frame by Frame Animation using flash. Text masking using flash. Photo masking using flash. Write a program to find Arithmetic Value in Flash. Write a program to find Fibonacci Series in Flash. Write a program to find Factorial in Flash. <p>Photoshop Lab Program:</p> <ol style="list-style-type: none"> Design Birthday card using Photoshop. Convert Picture into Text Background image. Creating Brush tool and using a Jelly Beans Clone the image using Photoshop. Pass port size photo using Photoshop. 	60	Lab demonstration



**MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
COMMUNITY COLLEGE
DEPARTMENT OF FASHION TECHNOLOGY
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Course Name	FASHION SURFACE ORNAMENTATION LAB			
Course Code	23DFASP4	L	P	C
Category	Skill Component	2	4	6
COURSE OBJECTIVES:				
1. To gain the knowledge about basic Aari stitches. 2. To understand the different types of embroidery stitches. 3. To acquire practical knowledge in advance and surface embroidery. 4. To gain the knowledge about clay, silk thread and artificial jewellery making. 5. Generate surface ornamentation by using different printing methods.				
UNIT: I	BASIC AARI WORK	25 Hrs		
Preparation of samples for basic aari stitches – Chain stitch, double chain stitch, zigzag, back chain stitch, water filling, tambour stitch, steam stitch.				
UNIT: II	HAND EMBROIDERY	15 Hrs		
Preparation of samples for basic hand embroidery stitches. Running stitch, back stitch, steam stitch, chain stitch, lazy daisy, French knot, buillion knot, long French knot.				
UNIT: III	SPECIAL STITCHES	10 Hrs		
Preparation of samples for special stitches – Patch work, cut work, mirror work, sequins work, stone work, beads work.				
UNIT: IV	JEWELLERY MAKING	15 Hrs		
Preparation of samples for jewellery making – clay jewellery, artificial jewellery, silk thread jewellery.				
UNIT: V	TEXTILE PRINTING	25 Hrs		
Introduction of textile printing – printing technique : Rollar printing, Flat screen printing, Rotary screen printing, Block printing, Heat transfer printing, Dye sublimation printing, Resist printing – batik – dyeing – finishing.				
(60% of marks must be allotted to practical questions. 40% of marks must be allotted to Theory questions).				
LIST OF PRACTICALS				

Preparation of samples

Aari work

- Chain stitch
- Double chain stitch
- Zigzag
- Back chain stitch
- Water filling
- Tambour stitch
- Steam stitch

Hand embroidery

- Running stitch
- back stitch
- steam stitch
- chain stitch
- lazy daisy
- French knot
- buillion knot
- long French knot.

Special stitch

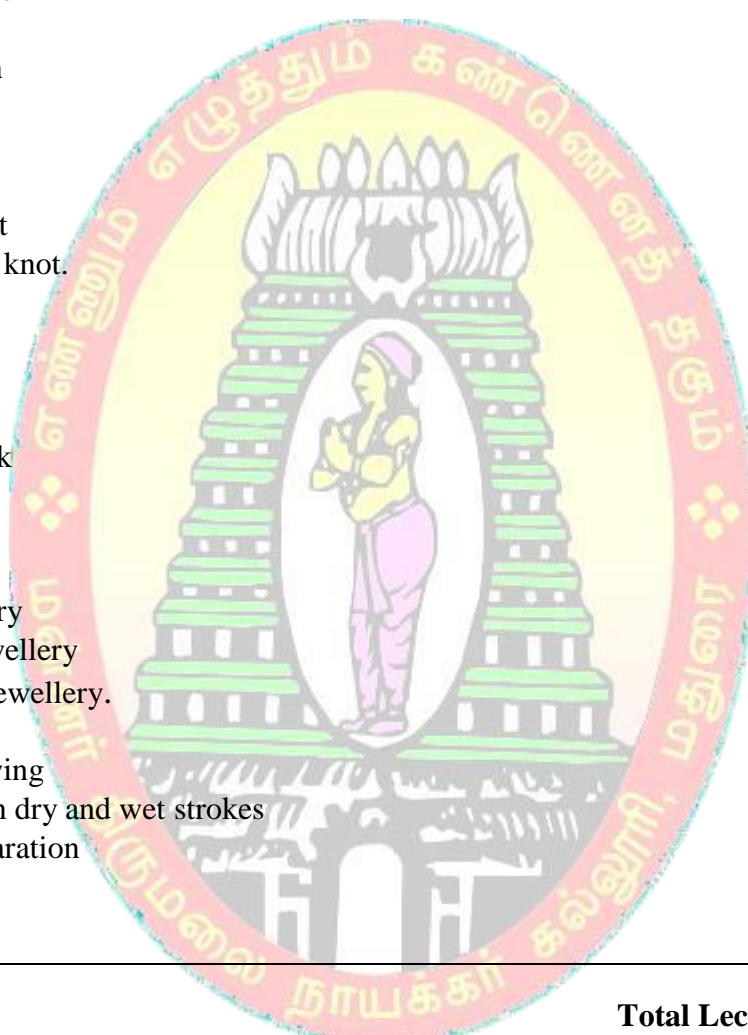
- Patch work
- cut work
- mirror work
- sequins work
- stone work
- beads work

jewelry making

- clay jewellery
- artificial jewellery
- silk thread jewellery.

Printing

- outline drawing
- shading with dry and wet strokes
- stencil preparation
- tooth brush
- spraying



Total Lecture Hours 90 Hrs

Books for Study:

1. Materials will be provided by department of fashion technology and apparel designing

COURSE OUTCOME

CO1: Design garment using aari work

CO2: Practice different hand embroidery stitches

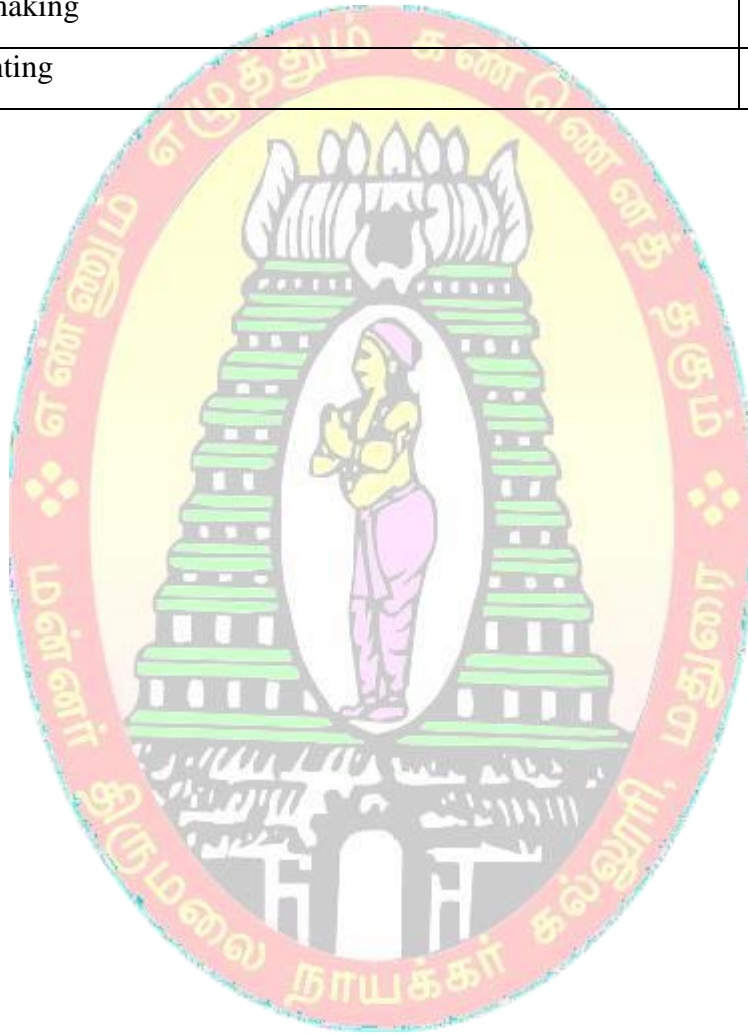
CO3: Acquainted with the terminologies related to fashion designing

CO4: Prepare jewellery with different material

CO5: Apply various printing techniques

LESSON PLAN

UNIT	FASHION SURFACE ORNAMENTATION	Hrs	Mode
I	Basic Aari work	25	PPT, Seminar, Assignment and Hand-on- training
II	Hand embroidery	15	
III	Special stitches	10	
IV	Jewellery making	15	
V	Textile printing	25	





MANNAR THIRUMALAI NAICKER COLLEGE (AUTONOMOUS)
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Course Name	GARMENT CONSTRUCTION LAB			
Course Code	23DFASP5	L	P	C
Category	Skill Component	2	4	6
COURSE OBJECTIVES:				
1. To create different types of patterns for children. 2. To create different types of patterns for women's wear. 3. To learn the drafting procedure for women's apparel. 4. To gain the knowledge on garment display and cost fixing. 5. To prepare the theme based garments.				
UNIT: I	KIDS GARMENT	15 Hrs		
Design a garment and draft the construct of pattern Bib, jabla , pants , summer frock , skirt & top.				
UNIT: II	WOMEN'S WEAR – I	25 Hrs		
Design a garments and draft the pattern , cut and construct the following garments for girls (Saree petticoat , waist line frock, salwar kameez , blouse)				
UNIT: III	WOMEN'S WEAR – II	25 Hrs		
Design and draft a designer wear for women saree and blouse – design with surface ornaments and embroidery and special stitches – using more types and create new ideas.				
UNIT: IV	GARMENT DISPLAY & COST FIXING	10 Hrs		
Display of garment – display techniques – garment quality standards and specification – cost for garments.				
UNIT: V	PORTFOLIO PRESENTATION	15 Hrs		
Trend forecast – theme write up – mood board with research – colour board – design development – fabric sourcing – pattern – final presentation – designer show.				
(60% of marks must be allotted to practical questions. 40% of marks must be allotted to Theory questions).				
LIST OF PRACTICALS				

Kids garments

- Bib
- Jabla
- pants
- summer frock
- skirt & top

women's wear

- Saree petticoat
- waist line frock
- salwar kameez
- blouse

- ❖ preparation of saree using surface ornaments and embroidery and special stitches
- ❖ preparation of blouse using surface ornaments and embroidery and special stitches
- ❖ window display
- ❖ fashion show
- ❖ portfolio presentation

Total Lecture Hours 90 Hrs

Books for Study:

1. Materials will be provided by department of fashion technology and apparel designing

COURSE OUTCOME

CO1:	Familiar with the concepts if drafting and paper patterns and terminologies related to apparel and its construction
CO2:	Develop any garment with various bodice variation
CO3:	Construct kids wear and women's wear
CO4:	Acquire different display techniques and cost fixing

LESSON PLAN

UNIT	GARMENT CONSTRUCTION LAB	Hrs	Mode
I	Kids garment	15	PPT, Seminar, Assignment and Hand-on- training
II	Women's wear – I	25	
III	Women's wear – II	25	
IV	Garment display & cost fixing	10	
V	Portfolio presentation	15	



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Course Name	INTERNSHIP			
Course Code	23DFAS21	L	P	C
Category	Skill Component	-	6	6

INTERNSHIP ASSESSMENT

External Evaluation (Industrial Partner)

- Evaluation Form (60 marks)

Application of Knowledge	Care for Tools & Equipment	Economic use of Material	Safety Consciousness	Speed	Accuracy	Quality of Workmanship	Amount of Work	Number of Attempts	Attitude

Rating Scale: Excellent- 6; Very Good- 5; Good- 4; Fair- 3; Satisfactory -2; Poor-1.

Internal Evaluation (Course Teacher)

- Case Study/ Project (20 marks)
- Viva (20 marks)