

**DEPARTMENT OF FASHION DESIGNING
DIPLOMA IN APPAREL DESIGNING**

PREAMBLE:

This course enables the students to appreciate the concepts of design. It creates new avenues in higher studies as well as in future career options.

Eligibility: Female candidates have completed standard XII

Duration of the course: Two semesters

COURSE PROFILE

From 2019 batch onwards

I	Course code	Course Title	Course Type	Hrs./Wk.		Passed in Academic Council	Offered to	Offered by
				TH	LA			
	DAD1001	ACCESSORIES MAKING I	LA		5			SUFDS
	DAD1002	FASHION DESIGNING	LT	2	3			SUFDS
	DAD1003	FASHION SURFACE ORNAMENTATION	LT	2	3			SUFDS
	DAD1004	BASIC IN SEWING PROCESS	LT	2	3			SUFDS
		Total		20				
II	DAD2001	COMPUTER AIDED DESIGN	LA		2			SUFDS
	DAD2002	ACCESSORIES MAKING II	LA		3			SUFDS
	DAD2003	GARMENT CONSTRUCTION	LT	2	3			SUFDS
	DAD2004	FABRIC KNOWLEDGE FOR DESIGNERS	TH	5				SUFDS
	DAD2005	PORTFOLIO PRESENTATION	LA		5			SUFDS
	DAD2006	INTERNSHIP						SUFDS
			Total		20			

EVALUATION PATTERN

Sem.	Course Code	Course title	Hours	Place	Period
II	DAD2006	INTERNSHIP	180	Company Validated by the Department	May 1 st Week to May 4 th Week

DAD1001 ACCESSORIES MAKING I

(LAB)

COURSE OUTCOME:

5hrs. / wk.

On successful completion of the course, the student will be able to

- select appropriate material for making accessories
- develop designs for specific type of accessories
- combine different type of components.

COURSE CONTENT:

LIST OF EXPERIMENTS:

1. CLAY JEWELLERY	20hrs.
a) Necklace	
b) Bangles	
c) Earrings	
d) Bracelets\	
2. ARTIFICIAL JEWELLERY	20 hrs.
a) Necklace	
b) Long chain	
c) Bangles	
d) Hip chains	
e) Anklets	
3. SILK THREAD JEWELLERY	20 hrs.
a) Bangles	
b) Necklace	
c) Earring	

DAD1002 FASHION DESIGNING

(LAB CUM THEORY)

COURSE OUTCOME:

2T + 3L hrs. /wk.

On successful completion of the course, the student will be able to

- illustrate principles and elements of design
- relate the importance of color in the fashion world
- analyze fashion concepts
- compare the marketing strategies
- assess the product development cost and price of the garment

COURSE CONTENT:

UNIT I: PRINCIPLES AND ELEMENTS OF DESIGN	4T +8L hrs.
Introduction to elements of design – types of lines – shapes – textures – forms & space – introduction to principles of design – balance – proportion – rhythm – radiation – gradation – emphasis of the design & harmony of the design – unity & variety	
UNIT II: COLOR ASPECTS	4T +8L hrs.
Color theory – primary – secondary – tertiary colors – color scheme – color dimensions – warm and cool colors – tints – shades – psychology of color on dress – application of color on dress – illusion created by color – color harmony.	
UNIT III: FASHION CONCEPTS	4T +8L hrs.
Fashion season – fashion cycle – adaptation of fashion – trickle up- trickle down-trickle across fashion diffusion – fashion forecast	
UNIT IV: APPAREL MARKETING INTRODUCTION	4T +8L hrs.

Fashion Market – marketing environment – micro and macro environment – marketing mix (4 p's theory)

UNIT V: FASHION MERCHANDISING

4T +8L hrs.

Fashion merchandising – materials for product development – costing and pricing of garments

LIST OF EXPERIMENTS:

1. Steps to draw a figure
 - Stick figure front and back view (8 head and 10 head)
 - Block figure front and back view (8head and 10 head)
 - Flesh figure front and back view (8head and 10 head)
2. Prang colour chart
- 3 Value chart, intensity chart
- 4 Techniques in creating textures
5. Application of Elements of Design in a garment with a theme
 - Line
 - Colour
 - Texture
6. Application of Principles of Design in a garment with a theme
 - Balance in dress
 - Harmony in dress
 - Emphasis in dress
 - Proportion in dress
 - Rhythm in dress

REFERENCE BOOK(S):

Bryta Cars, (2005). *How You Look and Dress*, Singapore: McGraw Hill Book Co. Print.

Frank Alvah, (1920). *The Psychology of Dress*, Double Day page & Co. Print.

Goldsten Houghton, (1934). *Art in Everyday Life*, London: Mifflin. Print.

Grace Margaret, (1943). *The Arts of Costume & Personal Appearance*, London: John Wiley & Sons. Print.

Ruthtone and Tarplay Houghton, (1931). *Fabrics and Dress*, Mifflin. Print.

DAD1003 FASHION SURFACE ORNAMENTATION

(LAB CUM THEORY)

COURSE OUTCOME:

2T + 3L hrs./wk.

On successful completion of the course, the student will be able to

- relate various types of designs
- interpret various hand embroidery stitches
- apply various decorative embroidery techniques
- explain traditional design techniques
- analyze the machines used for different surface ornamentation techniques

COURSE CONTENT:

UNIT I: DESIGN DEVELOPMENT

4T + 8L hrs.

Types of Design-Introducing repeats on fabrics and garments – Types of repeats

UNIT II: HAND EMBROIDERY

4T + 8L hrs.

Hand embroidery stitches –. Line Stiches- running – back stitch – stem stitch – button hole stitch with one variation - Loop stitches chain stitch with one variation – lazy daisy stitch - Filling stitch – Fish bone – Satin and Long and short satin – Seed stitch – Herring bone stitch and its variation – Double Herring bone stitch - Knot Stitch – French Knot – Bullion Knot

UNIT III: OTHER DECORATIVE TECHNIQUES

4T + 8L Hrs.

Smocking – mirror – bead – sequins work – single hanging – continuous – overlap – chain with sequins – applique – **zardozi work**

UNIT IV: TRADITIONAL DESIGN TECHNIQUES

4T + 8L Hrs.

Batik and its variations – crack method – marbling batik – free hand -tie and dye techniques – sun burst – diagonal -three circle pattern

UNIT V: MACHINES USED FOR FABRIC ORNAMENTATION

4T + 8L Hrs.

Latest machine used for all techniques in surface ornamentation – embroidery machine – stone fixing machine –rotary printing machine – screen printing – block printing.

LIST OF EXPERIMENTS:

1. Hand embroidery – 20 stitches – 10 samples
2. Appliqué (machine / hand) – 3 types
3. Smocking – 2 types
4. Bead Work – 1 sample
5. sequins work – 1 sample
6. Mirror work – 1 sample
7. Tie and Dye
8. Batik print

DAD1004 BASICS IN SEWING PROCESS

(LAB CUM THEORY)

COURSE OUTCOME:

2T + 3L hrs. /wk.

On successful completion of the course, the student will be able to

- interpret the sewing machine parts and defects
- apply different measurements to draft a specific pattern with relevant seams
- construct various types of sleeves and collars
- design various types of yokes and fullness
- develop different types of plackets and pockets

COURSE CONTENT:

UNIT I: SEWING TECHNOLOGY

4T + 8L hrs.

- (a) Introduction to sewing machine technology – safety rules care and maintenance
- (b) Quality for sewing – selection of needles – sewing defects and methods to rectify – defects due to machine – bobbin – needle or fabric – bobbing winding and changing – bobbin tension adjustment.

UNIT II: MEASUREMENTS AND PARTS OF GARMENT

4T + 8L hrs.

(a) Measurement – importance – method of taking – definition of various garment parts – Methods of making pattern – basic bodice pattern – child – **women**.

(b) Seams – definition – types of seams – plain seams – top seam – flat fell seam – french seam – lapped seam – slot seam – seam finishes –pinked seam– bias bound – Hem finishes

UNIT III: SLEEVE AND COLLAR

4T + 8L hrs.

Construction of sleeve block – sleeve variation – plain – puff sleeve – petal sleeve – collar variations – one piece and two-piece peter pan collar – stand collar

UNIT IV: YOKES AND FULLNESS

4T + 8L hrs.

Yokes – definition –Types of Yoke-chest yoke- midriff yokes – fullness – definition – types – darts – single – double – pointed darts – tucks – pin tucks – cross tucks – pleats – knife pleats – box pleats – godet – gathers – frill – single frill - double frills.

UNIT V: PLACKETS AND POCKETS

4T + 8L hrs.

Plackets – two piece placket continuous bound placket – kurta plackets – fasteners-

Pockets – Patch pocket– set-inseam

LIST OF EXPERIMENTS:

Preparation of samples **for**

1. seam and seam finishes
2. hems
3. fullness
4. facing and binding
5. Sleeves
7. Yokes
8. flat collar-Stand collar and rolled collars-Peter pan collar
9. patch pocket, seam pocket

REFERENCE BOOK(S):

David and Charles, (1993). *Reader's Digest Step-By-Step Guide to Sewing and Knitting* World of Book. Print.

Gerry Cooklin, (1992). *Master Patterns & Grading for Men's Outsize*, Blackwell Scientific Publications, and Print.

Gerry Cooklin, (1995). *Master Patterns & Grading for Women's Outsize*, UK: Blackwell Scientific Publications. Print.

Gillian Holman, (1997). *Pattern Cutting Made Easy*, UK: Blackwell Scientific Publications. Print.

Natalie Bray, (1986). *More Dress Pattern Designing*, UK: Blackwell Scientific Publications. Print.

DAD2001 COMPUTER AIDED DESIGN

(LAB)

COURSE OUTCOME:

2 hrs./wk.

On successful completion of the course, the student will be able to

- demonstrate skills in creating professional logos and visiting cards
- create dynamic graphics using drawing and editing tools, styles and templates
- design various types of text and images

COURSE CONTENT:**UNIT I: BASICS OF CORELDRAW X3****6 hrs.**

Introduction – getting started – creating a new file – title bar – menu bar – work area – printable page – property bar – page counter bar – color palette – toolbox – status bar – drawing figures – lines – ellipse – circles – rectangle – square – polygon – page layout – changing the page size – changing the layout – changing the background

UNIT II: DRAWING AND COLORING**8 hrs.**

Introduction – selecting an object – resizing an object – moving an object – changing the shape – combining two objects – skewing – welding the objects – blending – curve lines – straight lines – continuing a line – view mode – arranging objects – ordering objects – rotating an object – grouping – applying color fills and outlines

UNIT III: MASTERING WITH TEXT AND IMAGE**10hrs.**

Introduction – text tool – artistic and paragraph text – formatting text – changing the font size – changing the font – bullets – decorating the text – webdings – changing the alignment – type style – spell checking – grammar – searching synonyms – find – replace – editing – formatting characters – image – importing images – adding special effects – resizing – rotating – skewing – moving – cropping – bitmap conversion

REFERENCE BOOK(S):

DT Editorial Services, (2017). *CorelDraw X7 in Simple Steps*, Delhi: Dreamtech press. Print.
Sharma M.C, (2008). *CorelDraw Graphics Suite X3 Training Guide*, BPB Publications. Print.

WEBSITE(S):

<https://www.youtube.com/watch?v=iKfFNNtfpMU>
<http://product.corel.com/help/CorelDRAW/540229932/Main/EN/User-Guide/CorelDRAW-X7.pdf>
http://gtu.ge/Arch/Faculty/Multimedia/Resources/2_Corel/Languages/EN/Help/CorelDRAW%20Graphics%20Suite%20X3.pdf

DAD2002 ACCESSORIES MAKING II**(LAB)****COURSE OUTCOME:****3hrs./wk.**

On successful completion of the course, the student will be able to

- design various types of fabric jewelry
- combine natural material to create jewelry
- develop designs for terracotta jewelry

COURSE CONTENT:**UNIT I: FABRIC JEWELLERY****12 hrs.**

Types of fabric– satin– jute – printed fabric
Products – chain – earrings – pendant

UNIT II: NATURAL JEWELLERY**12 hrs.**

Raw materials – Paddy – natural seeds –dried flowers
Products – earrings – long chain – pendant

UNIT III: TERACOTTA JEWELLERY**12 hrs.**

Raw materials – natural clay

Products – necklace – long chain – bracelet – earrings

WEBSITE(S):

https://www.youtube.com/watch?v=ZX_32HFSd8

<https://www.youtube.com/watch?v=WPsXoc9j14>

<https://www.youtube.com/watch?v=jm3Oyg-23wY>

DAD2003 GARMENT CONSTRUCTION

(LAB CUM THEORY)

COURSE OUTCOME:

2T+3L hrs./wk.

On successful completion of the course, the student will be able to

- apply appropriate pattern making techniques
- design and draft kids wear
- design and draft women's wear garment
- construct women's wear and kids wear garment
- interpret different display techniques and calculate costing for a garment

COURSE CONTENT:

UNIT I: INTRODUCTION TO BASIC DRAFTING

4T +8L hrs.

Drafting – components of garment – bodice variation – empire bodice – natural bodice – lowered bodice and princess bodice – skirt variations

UNIT II: KIDS WEAR

4T +8L hrs.

Designing and drafting kids wear – zabra – knicker – frock variation – midi and tops

UNIT III: WOMEN'S WEAR I

4T +8L hrs.

Designing and drafting women's night wear – saree petticoat – salwar kameez

UNIT IV: WOMEN'S WEAR II

4T +8L hrs.

Designing and drafting gagra choli – cut blouse – princess cut blouse

UNIT V: DISPLAY TECHNIQUES AND COSTING

4T +8L hrs.

Display of garment – display techniques – garment quality standards and specification – costing for garment making

LIST OF EXPERIMENTS:

I. Designing and Pattern making for Children wear:

- a) Zabra and Knicker
- b) Frock
- c) Midi and Tops

II. Designing and Pattern making for Women's wear:

- a) Saree petticoat
- b) Night dress
- c) Salwar and Kameez
- d) Cut Blouse
- e) Princess cut blouse
- f) Gagra Choli

REFERENCE BOOK(S):

David and Charles, *Reader's Digest step by step Guide to sewing and knitting*, World of Book, Australia. Print.

Gerry Cooklin, (2006). *Introduction to clothing Manufacture*, UK: Blackwell Publishing. Print.

Mary Mathew, (2000). *Practical Clothing Construction*, Chennai: Cosmic Press. Print.

Nurie Relis / Gail Strauss, (1968). *Sewing for Fashion Design*, UK: Blackwell Publishing. Print.

DAD2004 FABRIC KNOWLEDGE FOR DESIGNERS**(THEORY)****COURSE OUTCOME:****5 hrs./wk.**

On successful completion of the course, the student will be able to

- analyse the classification of textile fibre
- relate the process of making yarn
- identify the different types of fabric structure regarding woven, knitted and non-woven fabric
- compare the process and types of sourcing strategies
- explain various types of technical textiles

COURSE CONTENT:**UNIT I: FIBRE****12 hrs.**

Fibre – definition – classification of textile fibres – natural fibre – cotton – silk – wool – man-made fibre – polyester – rayon

UNIT II: YARN**12 hrs.**

Yarn – definition – types of yarn – single – ply – core – classification of yarn – simple yarn – fancy yarn – yarn twist – S twist – Z twist – properties and application of yarns

UNIT III: FABRIC**12 hrs.**

Fabric – definition – various fabrics forming techniques – weaving – basic loom and its operation – knitting – warp knitting and weft knitting – nonwoven – bonded – lace – braid – net

UNIT IV: SOURCING**12hrs**

Sourcing strategies – Sourcing options – Sourcing Process – International sourcing and Domestic Sourcing.

UNIT V: TECHNICAL TEXTILES**12 hrs.**

Brief study on technical textiles – Medical textile – Geo textile – Agro textile – Protective textile–Sports textiles

REFERENCE BOOK(S):

Allen. C. Cohen Ingrid Johnson, (2010). *Fabric Science*, New York: Fairchild Books. Print.

Bernard Pcorban, (1983) *Fiber to Fabric*, (6th ed.), Singapore: McGraw-Hill Publication. Print.

Terry Brackenbury, (1992). *Knitted clothing technology*, UK: Blackwell Publishing. Print

DAD2005 PORTFOLIO PRESENTATION**(LAB)**

COURSE OUTCOME:

5 hrs./wk.

On successful completion of the course, the student will be able to

- interpret the design of the garment according to theme with suitable accessories
- preparation of pattern based on the design
- construct the garment and calculate the cost of the garment

COURSE CONTENT:**List of Experiments:**

60 hrs.

- Selection of a Theme
- Preparation of customer profile
- Preparation of theme board and mood board
- Preparation of color board and fabric board
- Preparation of flat sketches
- Preparation of story board
- Preparation of accessory board
- Preparation of photographic board
- Preparation of pattern according to the selected garment
- Constructing the garment to the customer requirement
- Costing of the final garment

CERTIFICATE COURSES**PREAMBLE:**

This course is for a duration of 4 months in odd semester and in the even semester annually. These courses enable the students to appreciate the concepts of design. It creates new avenues in higher studies as well as in future career options.

Eligibility: Open for all UG and PG students and female candidates who have completed standard X

Duration of the Course: Three Months

BASICS IN DRESS MAKING**COURSE PROFILE**

From 2020 batch onwards

Course code	Course Title	Course Type	Hrs./Wk.		Passed in Academic Council	Offered to	Offered by
			T H	LA			
CDM001	BASICS IN DRESS MAKING I	TH	-	2		ALLM	SUFDS
CDMO02	BASICS IN DRESS MAKING II	LA		6		ALLM	SUFDS

CDM001 BASICS IN DRESS MAKING I

(THEORY)

COURSE OUTCOME:**2 hrs./wk.**

On successful completion of the course, the student will be able to

- compare the different types of cutting and measuring tools
- interpret the parts of sewing machine and its operating system
- analyze the types of stitches, seams and seam finishes
- compile the methods for care and maintenance of sewing machines

COURSE CONTENT:**UNIT I: TOOLS FOR CLOTHING CONSTRUCTION****6 hrs.**

Measuring tools – Cutting tools – General tools

UNIT II: INTRODUCTION OF SEWING MACHINE**6 hrs.**

Parts of sewing machine – operating the sewing machine – sewing machine adjustments.

UNIT III: Basic stitches**6 hrs.**

Temporary stitches – permanent stitches – seams – seams finishes

UNIT IV: Care and maintenance**6 hrs.**

Care of the sewing machine – Minor trouble and their causes of sewing machine

REFERENCE BOOK(S):

Zarapkar K. R. and Zarapkar K. A., (2014). *Zarapkar, System of Cutting*, Bangalore: Vasana Publications. Print.

Mary Mathew, (2000). *Practical clothing construction*, Chennai: Cosmic Press. Print.

CDM002 BASICS IN DRESS MAKING II**(LAB)****COURSE OUTCOME:****6 hrs./wk.**

On successful completion of the course, the student will be able to

- construct garment for kids and women's wear
- design and draft appropriate pattern for different garments
- develop sewing skills to stitch various garments

COURSE CONTENT:**LIST OF EXPERIMENTS:****72hrs**

1. Hand kerchief
2. Zabra
3. Knicker
4. Camisole
5. Petticoat
6. Saree petticoat
7. Baby Frock
8. Midi
9. Midi Top
10. Salwar
11. Kameez
12. Blouse

REFERENCE BOOK(S):

Zarapkar K. R. and Zarapkar K. A., (2014). *Zarapkar, System of Cutting*, Bangalore: Vasana Publications. Print.

Mary Mathew, (2000). *Practical clothing construction*, Chennai: Cosmic Press. Print.

EVALUATION PATTERN

Course Code	Course Title	Formative							Summative		
		Assi gn.	Req . Max	Test	Req . Max	Recor d	Req Max.	Form. Total	Exam Duration (Hrs.)	Given Max	Req. Max
CDM001	BASICS IN DRESS MAKING I	1	20	1	20	1	20	60	2	60	40
CDMOO2	BASICS IN DRESS MAKING II	F Lab						75	3	100	25

**INTRODUCTION TO AARI EMBROIDERY
COURSE PROFILE**

From 2020 batch onwards

Course code	Course Title	Course Type	Hrs./Wk.		Passed in Academic Council	Offered to	Offered by
			T H	LA			
CAE001	INTRODUCTION TO AARI EMBROIDERY I	TH	-	2		ALLM	SUFDS
CAE002	INTRODUCTION TO AARI EMBROIDERY II	LA		6		ALLM	SUFDS

**INTRODUCTION TO AARI EMBROIDERY I
(THEORY)**

COURSE OUTCOME:

2hrs. /wk.

On successful completion of the course, the student will be able to

- relate the importance, scope of aari work and calculate costing
- interpret basic stitches used for aari work
- compare the advanced stitches used for aari work
- design a garment combining the components of aari embroidery

COURSE CONTENT:

UNIT I: INTRODUCTION TO AARI WORK

6 hrs.

Origin and growth – importance of aari work and scope – pricing the garment – labor and material.

UNIT II: INTRODUCTION TO BASIC AARI EMBROIDERY STITCHES**6 hrs.**

Running stitch – loose running stitch – water filling stitch – zig-zag stitch – wheat stitch – chain stitch – knot on running stitch – magic stitch – button-hole stitch – leaf stitch 1 – leaf stitch 2 – Plain load stitch – french knot – step chamki stitch – chamki with french knot stitch – bead stitch – running bead stitch – running chamki stitch.

UNIT III: ADVANCED AARI EMBROIDERY STITCHES**6 hrs.**

Katta stitch – patch work – kalamkari work – cut work – mirror work – feather work – emboss stitch on thread – zardosi stitch – threaded cut work – stone with thread stitch – emboss stitch on zardozi.

UNIT IV: DESIGNING GARMENTS USING AARI EMBROIDERY**6 hrs.**

Procedure for tracing designs – applying basic stitches – applying stitches to border design – neck line – sleeves – tips for finishing – bridal work initiatives – color combination awareness.

WEBSITE(S):

<http://letslearnembroidery.blogspot.in/2012/01/aari-embroidery.html>

<http://needlework.craftgossip.com/learn-aari-embroidery/2012/01/16/>

<http://www.aiacaonline.org/craftmark-certified-processes-aari-embroidery.asp>

YouTube videos on

- aari work - basics for beginners
- aari work for blouse

INTRODUCTION TO AARI EMBROIDERY II**(LAB)****COURSE OUTCOME:****6hrs. /wk.**

On successful completion of the course, the student will be able to

- develop design for aari embroidery
- interpret different types of aari stitches
- design garments using components of aari work

COURSE CONTENT:**LIST OF EXPERIMENTS:****72 hrs**

1. Running stitch and its variation
2. Water filling
3. Leaf stitch
4. Chain stitch and its variations
5. Knot stitch and its variations
6. Chamki stitch and its variations
7. Bead stitch and its Variations
8. Katta stitch
9. Patch work
10. Mirror work
11. Cut work and its variations
12. Feather work

13. Zardhosi and its variations

14. Emboss stitch and its variations

WEBSITE(S):

<http://letslearnembroidery.blogspot.in/2012/01/aari-embroidery.html>

<http://needlework.craftgossip.com/learn-aari-embroidery/2012/01/16/>

<http://www.aiacaonline.org/craftmark-certified-processes-aari-embroidery.asp>

YouTube videos on

- aari work - basics for beginners
- aari work for blouse

INTRODUCTION TO AARI EMBROIDERY

EVALUATION PATTERN

Course Code	Course Title	Formative							Summative		
		Assi gn.	Re q. M ax	T e st	Req . Max	Recor d	Req Max.	Form. Total	Exam Duration (Hrs.)	Given Max	Req. Max
	INTRODUCTION TO AARI EMBROIDERY I	1	20	1	20	1	20	60	2	60	40
	INTRODUCTION TO AARI EMBROIDERY II	F Lab						75	3	100	25