

## MANNAR THIRUMALAI NAICKER COLLEGE , (Autonomous)

- I. Programme:** Diploma in Fashion Technology and Apparel Designing
- II. Sector Skill Council :** Apparel Made –Ups Home Furnishing Sector Skill Council
- III. Selected Job Roles :**
- (i) Self Employed Tailor
  - (ii) Assistant to Fashion Designer
  - (iii) Hand Embroider
  - (iv) Sampling Tailor
  - (v)Sewing Machine Operator
- IV. Eligibility Criteria :** 12<sup>th</sup> Pass, No age limit, Any gender
- V. Industrial Partners :** Penguin Apparels (P) Ltd. Kappalur, Madurai.
- VI. Teaching Methods :** Lecture with Charts/ Models/ Chalkboard  
Demonstration cum Lecture,Group Discussion,  
Power Point Presentation, lab  
You tube Video Presentation
- VII. Methods of Evaluation**
- |                    |   |   |
|--------------------|---|---|
| Theory             | : | Objective Test, Class Test,<br>Oral<br>Presentation, Quiz,<br>Assignment.   |
| Practical          | : | Assessment, Care Note, Case Presentation, Survey<br>Report, Training Industry Report, Assignment for<br>Hi-Tech Instruments |
| Internship<br>Voce | : | Evaluation Form, Case Study/ Project work, Viva-  |

**VIII. Examination Pattern :**

Internal Exam	:	Internal Test	-20 Marks
Practicals	:	Assignment / Seminar / Oral Presentation / Practical Test / Record	-20 Marks

---

40 Marks

Total

Summative Exam :	Multiples Choice Question	15x1=15marks
	Short Answers	3x5 =15 marks
	Essay	3x10=30 marks

Total

---

60 marks

---

## INTERNSHIP ASSESSMENT

(Req. Max: Formative: 60 marks, Summative: 40 marks)

### Formative Evaluation (Industrial Partner)

- Evaluation Form ( 60 marks)

Applicati on of Knowled ge	Care for Tools& Equipme nt	Econom ic use of Material	Safety Conscio usness	Spee d	Accura cy	Quality of Workm anship	Amou nt of Work	Num ber of Atte mpts	A tt it u d e

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

### Summative Evaluation (Course Teacher)

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

# Diploma in Fashion Technology and Apparel Designing

## COURSE FILE

S. No	Sem	Category	Course Code	Course Title	No. of Hours/week		No. of Credits	
					T	P	T	P
1	I	Part – I	18DSWG11	Life Skills	4	-	4	-
2		General Education	18DENG11	Communicative English	4	-	4	-
3			18DCSG11	Fundamentals of Information Technology	4	-	4	-
			<b>Total</b>			<b>12</b>	<b>-</b>	<b>12</b>
4		Part – II	18DFAS11	Technology of Fibre to Fabric	4	2	4	2
5		Skill Component	18DFAS12	Elements of Apparel Making Practical	2	4	2	4
6	18DFAS13		Fashion Illustration Practical	2	4	2	4	
			<b>Total</b>		<b>8</b>	<b>10</b>	<b>8</b>	<b>10</b>
1	II	Part – I	18DSWG21	Professional Skills	4	-	4	-
2		General Education	18DENG21	Professional English	4	-	4	-
3			18DFAG21	Basics of Apparel manufacturing	4	-	4	-
			<b>Total</b>			<b>12</b>	<b>-</b>	<b>12</b>
4		Part – II	18DFAS21	Surface ornamentation Practical	2	4	2	4
5		Skill Component	18DFAS22	Garment Construction Practical	2	4	2	4
6	18DFAS23		Internship	-	6	-	6	
			<b>Total</b>		<b>4</b>	<b>14</b>	<b>4</b>	<b>14</b>
			<b>Grand Total</b>		<b>36</b>	<b>24</b>	<b>36</b>	<b>24</b>

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Madurai – 04**

<b>Class</b>	<b>: Community College Courses</b>	<b>Part I</b>	<b>: GE</b>
<b>Semester</b>	<b>: I</b>	<b>Hours</b>	<b>: 04</b>
<b>Subject Code</b>	<b>:18DSWG11</b>	<b>Credits</b>	<b>: 04</b>

**LIFE SKILLS**

**COURSE OUTCOME**

**On successful completion of this course, the students will be able to**

CO1: understand concepts, meaning, definitions & fundamentals of life skills.

CO2: provide them a thorough grounding in the basics of the subject

CO3: develop and articulate respect for the diversity of talents, ways of knowing and learning

**Unit I: Introduction to life Skills**

Introduction to life Skills and Importance – Personality – Definition – Traits – SWOT

**Unit II: Concept of Self**

Concept of Self: Self Image / Identity / Self Esteem – Factors Affecting Self Esteem – High / Low Esteem – Attitude Building – Meaning – Elements – Factors Affecting Attitude

**Unit III: Interpersonal Skills**

Interpersonal Skills: Meaning – Elements – Factors Affecting Interpersonal Skills – Need for Interpersonal Skills

**Unit IV: Thinking**

Thinking: Meaning – Types – Creative – Reasoning – Techniques.

**Unit V: Emotions**

Emotions: Definition – Characteristics – Types – Emotional Intelligence – Etiquettes – Grooming – Making Positive Impressions.

**TEXT BOOK:**

1. Alphonse Xavier S.J., *We Shall Overcome – A Text Book on Life Coping Skills*, ICRDCE Publications, Chennai: March 2004.

## REFERENCE BOOKS:

1. RavikanthRao. K. *Life Skills Education*, 2016
2. Anderson, J. *The Perceptions of Students, Teachers, and Parents Regarding the Value of the LIFE SKILLS and Lifelong Guidelines Program. Unpublished PhD Dissertation:* East Tennessee State University, 2005.
3. Assaly, I. *A content analysis of the reading and listening activities in the EFL textbook of master class.* Education Journal ,2014.
4. Shiv Khera, *You Can Win*, Macmillan India Ltd: New Delhi: 1998.

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Madurai – 04**

<b>Class</b>	<b>: Community College Courses</b>	<b>Part I</b>	<b>: GE</b>
<b>Semester</b>	<b>: I</b>	<b>Hours</b>	<b>: 04</b>
<b>Subject code</b>	<b>: 18DENG11</b>	<b>Credits</b>	<b>: 04</b>

**COMMUNICATIVE ENGLISH**

**COURSE OUTCOME**

**On successful completion of this course, the students will be able to**

**CO1:** Acquire the basic language skills.

**CO2:** Speak and write without mistake

**CO3:** Develop confidence in their voice

**Unit I : LISTENING SKILL**

Basic Listening Skills - Listening to Radio and Television - Listening to Talks and Presentations – Tips for Effective Listening

**Unit II : SPEAKING SKILL**

Basic Speaking Skills – Steps to Speak Easy – Formal and Informal Conversation– Describing pictures and people

**Unit III : READING SKILL**

Importance of Reading - Levels of Reading - Techniques of Reading – Reading Comprehension.

**Unit IV : WRITING SKILL**

Sentence - Phrase, Clause - Construction of Paragraph - Linkage and Cohesion

**Unit V : GRAMMAR AND USAGE**

Kinds of Sentences - Parts of Sentence - Parts of Speech - Types of Sentences

**REFERENCE**

Material will be supplied by the Department of English

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Madurai – 04**

<b>Class</b>	<b>:Community College Courses</b>	<b>Part I</b>	<b>: GE</b>
<b>Semester</b>	<b>: I</b>	<b>Hours</b>	<b>: 04</b>
<b>Subject Code</b>	<b>: 18DCSG11</b>	<b>Credits</b>	<b>: 04</b>

**FUNDAMENTALS OF INFORMATION TECHNOLOGY**

**COURSE OUTCOMES**

**On successful completion of this course, the students will be able to**

CO1: Introduce the fundamentals of computing devices and reinforce computer vocabulary, particularly with respect to personal use of computer hardware and software, the Internet, networking.

CO2: Identify and analyze computer hardware, software, and network components.

CO3: Provide foundational or “computer literacy” curriculum that prepares students for life-long learning of computer concepts and skills.

**UNIT I: INTRODUCTION TO COMPUTER SYSTEMS**

Introduction to Computers: Introduction – Importance of Computers – Characteristics of Computers – Classification of Computers – Uses of Computers Five Generations of Modern Computers: Introduction – First Generation Computers – Second Generation Computers – Third Generation Computers – Fourth Generation Computers – Fifth Generation Computers classification of Digital Computer Systems: Introduction – Microcomputers – Minicomputers – Mainframes – Supercomputers – Network Computers. Anatomy of a Digital Computer: Introduction - Parts of a Computer.

**UNIT II : CENTRAL PROCESSING UNIT, MEMORY, INPUT AND OUTPUT DEVICES**

Central Processing Unit (CPU) and Memory: Introduction – Central Processing Unit (CPU) – Memory – Memory Organization – Random Access Memory (RAM) Read Only Memory (ROM) – Registers – Factors Affecting Processor Speed – Instruction Set – Machine Cycle –Working of CPU and Memory. Input Devices: Introduction – Keyboard – Mouse – Trackball – Game Controllers – Scanners – Barcode Reader – Card Reader – Digitizer – Voice Recognition – Webcams – Digital Cameras Video Cameras (Camcorders) – Optical Character Recognition (OCR) – Optical Mark Recognition (OMR) – Intelligent Character Recognition (ICR) – Magnetic Ink Character Recognition (MICR) Output Devices: Introduction – Monitor – Printer – Plotter – Multimedia Projector – Speech Synthesizers – Sound Cards and Speakers – Dumb, Smart and Intelligent Terminals.



### **UNIT III : PROGRAMMING LANGUAGES AND OPERATING SYSTEMS**

Programming Languages: Introduction – Machine Languages – Assembly Languages – High- Level Languages – Types of High-Level Languages – Compilers and Interpreters – Compilation Process. Operating Systems: Introduction – Functions of an Operating System – Classification of Operating Systems.

### **UNIT IV: DATABASE MANAGEMENT SYSTEMS AND COMPUTER NETWORKS**

Introduction to Database Management Systems: Introduction – Information – Data and Data Management – Database Systems – Organization of Database – Characteristics of Data in a Database – Database Management Systems – Functions of DBMS – Database Users. Computer Networks: Introduction – Overview of a Network – Communications Processors – Communications Media – Telecommunications Software – Types of Networks – Network Topology – Network Protocols – Network Architecture.

### **UNIT V: INTERNET, WORLD WIDE WEB AND ELECTRONIC MAIL**

Internet & World Wide Web: Introduction – What is Special about the Internet? – Internet Access – Internet Basics – Internet Protocols – Internet Addressing – World Wide Web (WWW) – Web Pages and HTML – Web Browsers – Searching the Web – Internet chat. Overview of Electronic Mail: Introduction – How E-mail works? – Why Use E- mail? – E-Mail – Names and Addresses – Mailing Basics.

### **LIST OF PRACTICAL**

#### **1)MS -WORD**

1. Preparing a news Letter
2. Designing your Bio-Data
3. Creating and editing the table
4. Create Mail Merge
5. Advertisement Designing

#### **2)MS -EXCEL**

1. Operating on the sheets
2. Using formulas and functions
3. Perform Student's Mark Statement
4. Display Score Boards using Pie Charts
5. Display Sales Analysis using Bar Charts

### **3)MS -ACCESS**

1. Create an Employee Table
2. Create a Stock Table and insert 10 records
3. Create Student Mark List
4. Generating Queries in Access

### **4)MS -POWERPOINT**

1. Creating a new presentation based on template
2. Displaying College Details
3. Displaying Advertisement Presentation

### **TEXTBOOKS:**

1. Alexis Leon and Mathews Leon *Fundamentals of Information Technology*, L & L Consultancy Pvt. Ltd., 1999, Second Edition.

Unit I – Chapters 1, 2, 3, 4

Unit II – Chapters 7, 9, 10

Unit III – Chapters 13, 14

Unit IV – Chapters 16, 21

Unit V – Chapters 24, 25

### **REFERENCE BOOKS:**

1. Rajaraman Neeharika Adabala .V., *Fundamentals of Computers* PHI Learning Private Limited, Delhi, 2015, Sixth Edition.
2. Sarkar .S.K., A.K.Gupta, *Elements of Computer Science* S.Chand & Company LTD, Delhi ,Second Edition, 2002
3. Balagurusamy .E., *Fundamentals of Computing and Programming Updated*, First Edition Tata McGraw Hill Education PVT LTD, 2010.
4. <https://en.wikipedia.org>
5. <https://bosslinux.in/sites/default/files/BOSS4.0-Usermanual.pdf> (For EduBOSS3.0)
6. <https://wiki.openoffice.org/wiki/Documentation>
7. <http://windows.microsoft.com/en-in/windows/windows-basics-all-topics>

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Madurai – 04**

**Class :Diploma(Fashion Technology and Apparel Designing) Part II :Skill**  
**Semester : I Hours. : 06 Subject**  
**code : 18DFAS11 Credits : 06**

**TECHNOLOGY OF FIBRE TO FABRIC**

**COURSE OUTCOMES:**

**On successful completion of the course, the students will be able to**

CO1: Define textile and fiber.

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

CO3: Proficient to converse synthetic fibers and their benefits.

**Unit I: Textile Fibres**

Introduction to the field of textiles- Definition and classification of textile fibres – General Properties of textile fibres – Identification of textile fibres – Microscopic test, Burning Test, Solvent test – Brief study on important properties and uses of Natural Fibres – Cotton, Silk, Wool and Bast fibres.

**Unit II: Spinning**

Spinning – Definition –Classification – Chemical and Mechanical spinning.  
Manufacturing process flow of Regenerated fibres – Viscose rayon, Acetate Rayon Modal, Lyocell, and their uses.

**Unit III:Synthetic Fibres**

Manufacturing process flow of Synthetic fibers – Polyester, Nylon, Poly acrylic and Spandex, Aramide fibres and their uses – Brief study on high performance fibers .

**Unit IV:Yarn**

Yarn- Definition and classification - Simple and Fancy yarns. Yarn Twist – Types and effect. Sewing thread – Types , properties – Ticket numbering.

**Unit V:Fabric**

Non-Woven :Process, Types of Fabric – Weaving : Process , types of fabric – Knitted – Process, types of fabric.

**LIST OF PRACTICALS:**

- Process of cotton fibre to Fabric
- Process of Silk fibre to Fabric

- Spinning technology
- Yarn twisting
- Process of non- woven fabric

**TEXT BOOK:**

1. Corbmann.B.P. *Textiles- Fibre to fabric*, International student's edition, McGraw hill book Company, Singapore ,1985.

**REFERENCE BOOKS:**

1. Joseph J Pretal , *Fabric Science* 5<sup>th</sup> edition, Fair child Publications ,New York 1990.
2. MishraS.P. *A Text Book of Fibre Science And Technology* ,New Age International (P) Ltd.Publishers, New Delhi,2000.
3. Gordon Cook, J. *Hand book of Textile Fibres – Vol I, II* Wood head publishing Ltd., Cambridge , English ,1984.

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**

**Madurai – 04**

<b>Class: Diploma (Fashion Technology and Apparel Designing)</b>	<b>Part II</b>	<b>: Skill</b>
<b>Semester : I</b>	<b>Hours</b>	<b>: 06</b>
<b>Subject code : 18DFAS12</b>	<b>Credits</b>	<b>: 06</b>

**ELEMENTS OF APPAREL MAKING LAB**

**COURSE OUTCOME**

**On successful completion of the course, the students will be able to**

CO1: create samples of seam and hems.

CO2: design plackets and sleeves.

CO3: competent in creation of Collars and plackets samples

CO4: designing, Drafting and Constructing the Following Garments for the Features Prescribed.

CO5: calculate the Material required-Layout method and Direct Measurement Method.

**UNIT-I: Basic of sewing**

Introduction of sewing, parts of sewing machine – Minor problems and their causes – operating the sewing machines Preparation of samples for seam and seam finishes.

**UNIT-II: Basic Hand Stitches**

Introduction to Basic Hand Stitches and Preparation of samples for seam – Flat, Plain, Single top, Double top, Welt, Lapped, slot, Flat Fell, Piped – Seam finishes and hem finishes (Pinked, Double Stitch, Over Cast, Herring Bone, Bound Seam Edge – Tuck (3types) and Pleated.

**UNIT-III: Preparation of samples**

Preparation of samples for collars – (3types) – sleeves any three or four types – yokes – Plackets and fasteners (any three or four).

**UNIT-IV: Kids garments**

Introduction to the kids garments and Prepare Pattern for selectable measurements for Kids garments

**UNIT-V: Women's garments**

Introduction to the women's garments and Prepare Pattern for selectable measurements for Women's garments.

## **LIST OF PRACTICALS:**

- Preparation of seam and seam finishes
- Parts of sewing machine

### **Preparation of samples**

- Preparation of fasteners
- Preparation of Collar
- Preparation of yokes
- Preparation of Tuck
- Preparation of Pleated.
- Preparation of sleeves

### **Kids garments**

- Preparation of Bib,
- Preparation of Jabla,
- Preparation of Knickers,
- Preparation of slip
- Preparation of Frock.

### **Women's garments**

- Preparation of Saree Petticoat,
- Preparation of Midi,
- Preparation of Midi Top,
- Preparation of Salwar,
- Preparation of Kameez,
- Preparation of Blouse.

## **TEXT BOOK:**

1. Mary Mathews ,*Practical Clothing Construction*, Part I and II Cosmic Press, Chennai. 1974.

## **REFERENCE BOOKS:**

1. Dorling Kindersley ,*The complete Book of Sewing*, Dorling Kindersley Limited, London ,1986.
2. Injoo Kim and Mykyung Uh, *Apparel Making in Fashion Design*, Fairchild Publications,NewYork,1989.
3. Sumathi G.J. *Elements of Fashion and Apparel Design*, New Age International (P) Ltd., NewDelhi,2002

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Madurai – 04**

<b>Class: Diploma (Fashion Technology and Apparel Designing)</b>	<b>Part II</b>	<b>:Skill</b>
<b>Semester : I</b>	<b>Hours</b>	<b>:06</b>
<b>Subject code : 18DFAS13</b>	<b>Credits</b>	<b>: 06</b>

**FASHION ILLUSTRATION LAB**

**COURSE OUTCOMES:**

**On successful completion of the course, the students will be able to**

CO1: draw different figures and charts of garments.

CO2: illustrate rhythm and colour harmony of garments.

CO3: design dresses for figure irregularities.

**Unit I: Basic Figure drawing**

Introduction to draw the Fashion Figure of head theory – Face theory – Front View and Draw the Stage wise.

**Unit–II: Preparation of Charts and Illustration of garment designs**

Preparation of Charts with using Poster color or water color and Introduction to Value Chart – Illustration of garment designs – Draw the figure and include the variation.

**Unit–III: Illustrate garment designs for the Principles of Design**

Illustrate garment designs for the Principles of Design, Balance, Harmony, Emphasis, Proportion, Rhythm in dress.

**Unit–IV: Illustrate the colour harmony in dress design**

Monochromatic colour harmony – Analogous colour harmony – Complimentary colour harmony – Double complementary colour harmony – Split complementary colour harmony – Triad colour harmony.

**Unit–V: Designing dresses for figure irregularities**

Becoming and unbecoming Figures and Designing dresses for different occasions.

## **LIST OF PRACTICALS:**

### **Basic Figure drawing**

- Draw the 8 head theory
- Draw the 10 head theory
- Draw the Face theory
- Draw the Front View
- Draw the Stage wise.

### **Preparation of Color Charts**

- Preparation of Prang Color chart
- Learning the mixed colours
- Draw the variation of Lines
- Draw the variation of Texture,
- Draw the variation of Shape or form,
- Draw the variation of Size

### **Preparation of principles design**

- Draw the Balance in dress
- Draw the Harmony in dress
- Draw the Emphasis in dress
- Draw the Proportion in dress
- Draw the Rhythm in dress.

### **Preparation of Color harmony in dress design**

- Preparation on color harmony
- Preparation of Complementary
- Preparation of Triad color
- Preparation of Proportion in dress
- Preparation of Emphasis in dress
- Preparation of Balance in dress

### **Draw the dresses for figure irregularities**

- Draw the dresses for Stout figure
- Draw the dresses for Thin figure
- Draw the dresses for Slender figure
- Draw the dresses for Narrow shoulders
- Draw the dresses for Broad shoulders
- Draw the dresses for Round shoulders
- Draw the dresses for Large bust
- Draw the dresses for Flat chest



- Draw the dresses for Large hip
- Draw the dresses for Large abdomen
- Draw the dresses for Round face
- Draw the dresses for small face

**TEXT BOOK:**

1. Lekha Snp, *Master Fashion Sketches, Lekha Sewing Patterns* , New Age International (P) Ltd., NewDelhi 2017.

**REFERENCE BOOKS:**

1. Anna Kiper, *Fashion Portfolio: Design and Presentation*, Batsford Publications, London, 2014.
2. Jay Calderin, Laura Volpintesta, *The Fashion Design Reference and Specification*, Rockport Publishers, 2013.
3. Jennifer Lilya, *Fashion Illustration Art: How to Draw Fun & Fabulous Figures, Trends and Styles*, North Light Books, 2014.
4. Sumathi G.J. *Elements of Fashion and Apparel Design*, New Age International (P) Ltd., NewDelhi(2002).

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)  
Madurai – 04**

<b>Class</b>	<b>:Community College Courses</b>	<b>Part I</b>	<b>:GE</b>
<b>Semester</b>	<b>: II</b>	<b>Hours</b>	<b>: 04</b>
<b>Subject code</b>	<b>:18DSWG21</b>	<b>Credits</b>	<b>: 04</b>

**PROFESSIONAL SKILLS**

**COURSE OUTCOMES**

**On successful completion of this course, the students will be able to**

CO1: acquire skills to manage time and to recognize the importance of motivation and goal setting

CO2: understand concepts, meaning of social skills and its importance

CO3: apply workplace etiquettes and preparing for the job.

**Unit I:Goal Setting**

Goal Setting: Definition – SMART Principle – Difficulties in Goal Setting – Process and Types.

**Unit II: Leadership Skills**

Leadership Skills: Styles of Leadership – Transactional and Transformational – Johari Window – Methods and Techniques of Developing Interpersonal Skills.

**Unit: III: Time Management**

Time Management: Meaning – Importance – Obstacles in Managing – Steps for Effective Time Management – Stress – Meaning – Types – Factors Causing Stress – Coping Mechanisms.

**Unit IV: Management and Planning**

Management and Planning: Meaning – Principles – Practices–Functions – Types of Plans – Steps in Planning

**Unit V:Strategic Planning**

Strategic Planning: Development Mapping – Sustainability – Commercial Viability – Market Analysis.

**TEXT BOOK:**

1. Alphonse Xavier S.J., *We Shall Overcome – A Text Book on Life Coping Skills*, ICRDCE Publications, Chennai: March 2004.

**REFERENCE BOOKS:**

1. Leonard S.Genry ., *Journal of Extension*,(October, 2006), **Study of life skill development** of Oklahoma 4-H alumni during the years Of 4-H participation 1969-1998.
2. Thomas A. Smith ., *Journal of Extension* ,April, 2005,**Evaluating a youth leadership life skills development program..**
3. Bhatia .H. S., *Art of Interview* ,19th Edition, 2013,

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Madurai – 04**

<b>Class</b>	<b>:Community College Courses</b>	<b>Part I</b>	<b>: GE</b>
<b>Semester</b>	<b>: II</b>	<b>Hours</b>	<b>: 04</b>
<b>Subject code</b>	<b>: 18DENG21</b>	<b>Credits</b>	<b>: 04</b>

**PROFESSIONAL ENGLISH**

**COURSE OUTCOMES**

**On successful completion of this course, the students will be able to**

CO1: expand their vocabulary  
CO2: become effective communicators  
CO3: acquire the career skills

**Unit I : WORKING WITH WORDS**

Vocabulary – Spelling and Pronunciation – Punctuation

**Unit II : SPEECH PRACTICE**

Short speeches on topics of day to day - Speaking for Life and Work – Group Discussion

**Unit III : ACADEMIC CORRESPONDENCE**

Academic Letter Writing - Report Writing -Proposal Writing

**Unit IV : GRAMMAR AND USAGE**

Transformation of Sentences (Affirmative into Negative) – Framing Questions – Tag Questions

**Unit V : CAREER SKILLS**

Applying for Job - Covering Letter - Resume and Effective Profiling – Interviews

**REFERENCE**

Material will be supplied by the Department of English

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Madurai – 04**

<b>Class: Diploma (Fashion Technology and Apparel Designing)</b>	<b>Part I</b>	<b>:GE</b>
<b>Semester :II</b>	<b>Hours</b>	<b>: 04</b>
<b>Subject code : 18DFAG21</b>	<b>Credits</b>	<b>: 04</b>

**BASIC OF APPAREL MANUFACTURING**

**COURSE OUTCOMES**

**On successful completion of the course, the students will be able to**

CO1: identify different parts of Stitching Machines and their Function.

CO2: know the Competent in Cloth Cutting Techniques and Body Measurements.

CO3: develop the knowledge in skillful and Pattern Making and Drafting.

**Unit–I:Tools for clothing constructions**

Tools for clothing constructions: Needle, Bobbin case, Bobbin and its winding, shuttle, shuttle hook, Looper, Loop spreader, Throat plate , presser foot, Take-Up lever –Tension guideand their functions – Various feed systems. Technique for threading – Upper and lower threading.

**Unit–II: Pattern Making and Drafting**

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 Computerised)

**Unit–III: Introduction to clothing manufacture**

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–IV: Cutting technology**

Cutting technology – Definition – function and scope – Cutting equipments 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.

**Unit–V:Funcions of Sewing machine**

Introduction to sewing machine types – Parts and functions of basic sewing machine. Industrial Sewing machine – Single needle Lock Stitch – Double Needle Lock Stitch – Over lock – Flat Lock – Bar tacking – Button hole – Button fixing – blind stitch

machines – Study of usefulness of various work aids – Care and Maintenance of sewing machines.

**LIST OF PRACTICALS:**

- Pattern Making
- Spreading
- Manufacturing process
- Cutting process
- Maintenance of sewing machine

**TEXT BOOK:**

1. Gerry Cooklin, *Introduction to clothing Manufacture*, Blackwell Science Ltd, Delhi, 1996

**REFERENCE BOOK:**

1. Helen Joesph Armstrong, *Pattern Making Fro fashion Design*, Harper Collins publishers. New Delhi ,1987.
2. Winfred Aldrich Metric *Pattern Cutting* , Black well Science Ltd., England ,1994.
3. Winfred Aldrich Metric *Pattern Cutting for Men's Wear* , Black well Science Ltd., England ,1994.
4. Gerry Cooklin *Garment Technology for fashion designers*, Blackwell Science Ltd, Delhi, 1996.

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Madurai – 04**

**Class: Diploma (Fashion Technology and Apparel Designing) Part II :Skill**  
**Semester :II Hours : 06**  
**Subject code : 18DFAS21 Credits : 06**

**SURFACE ORNAMENTATION LAB**

**COURSE OUTCOMES**

**On successful completion of the course, the students will be**

CO1: able to understand the concept related to elements and principles of design.

CO2: familiar with the terminologies related to fashion designing

CO3: acquainted with the basic factors influencing fashion.

**UNIT-I: Surface ornamentation and Embroidery**

Introduction to Surface ornamentation and Embroidery – Types of Various Stitches.

**UNIT-II: Special Stitch**

Special Stitch – Designing and Producing Fabric with using Decorative Things

**UNIT-III: Printing and Jewelry Making**

Introduction to Printing – Effect and Using Other Creative Techniques – Jewelry Making  
– Silk Thread and Terracotta.

**UNIT-IV: Techniques of Batik**

Techniques of Batik – Free Hand Drawing with using Effect Stitches and Different types  
of Folding to Create New Ideas.

**UNIT-V: Fabric Printing**

Introducing to Fabric Printing – Out line Drawing – Shading with Dry and Wet Strokes –  
Stencil Preparation and use of Stencils to Produce Designs with using Burses for other  
creative Techniques

**LIST OF PRACTICALS:**

**Surface ornamentation and Embroidery**

**Preparation of Samples:**

- Running Stitch
- Back Stitch
- Stem Stitch
- Stain Stitch

- French Knot
- Bullion Knot
- Cross stitch
- Blanket Stitch
- Button Hole Stitch
- Fly Stitch
- Feather Stitch
- Chain Stitch
- Lazy daisy Stitch
- Stone Work.

#### **Special Stitch**

- Cut works
- Mirror work
- Sequins work
- Bead work
- Designing
- Producing Fabric
- Appliquies and Placing it on Children Apparel.
- Appliquies and Placing it on Women Apparel

#### **Printing and Jewelry Making**

- Screen Printing
- Block Printing
- Marble Effect
- Using Other Creative Techniques
- Jewelry Making
- Silk Thread
- Terracotta.

#### **Techniques of Batik**

- Tie and Dye
- Free Hand Drawing in Batik
- Stitches Over a Design
- Splashing of Wax on Fabric before dying
- Techniques Spotting
- Marble Effect

#### **Fabric Printing**

- Jewelry making
- Out line Drawing
- Shading with Dry and Wet Strokes
- Stencil Preparation
- Tooth brush
- Spraying



**TEXT BOOK:**

1. Marion Nichols *Encyclopedia of Embroidery Stitches Including Crewel* – Dover Publications- Delhi 1974

**REFERENCE BOOKS:**

1. Therese De Dillmont *Computerized Encyclopedia of needle work* – 3<sup>rd</sup> Edition, Societe a responsabilite Limitee, Malhouse, France 1890
2. Therese De Dillmont *Encyciopedia of Needle Work*, Societe a responsabilite Limitee, Malhouse France, 1886.
3. Prakash .K.,*Traditional Indian Motifs for Weaving and printing*, Design Point publish; 1st edition , Madras , 1995.

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**

**Madurai – 04**

<b>Class: Diploma (Fashion Technology and Apparel Designing)</b>	<b>Part II</b>	<b>:Skill</b>
<b>Semester : II</b>	<b>Hours</b>	<b>: 06</b>
<b>Subject code : 18DFAS22</b>	<b>Credits</b>	<b>: 06</b>

**GARMENT CONSTRUCTION LAB**

**COURSE OUTCOMES**

**On successful completion of the course, the students will be**

- CO1: Familiar with the concepts of drafting and paper patterns and terminologies related to apparel and its construction.
- CO2: able to do make different pattern of garments and understand of the various finishes used in the create the Garments.
- CO3: able to work with the tools and equipment used for sewing and Competent in taking correct body measurements and size charts.
- CO4: competent in Designing, Drafting and Constructing the Following Garments for the Features Prescribed.
- CO5: Calculate the Material required-Layout method and Direct Measurement Method.

**Unit– I:Kid’s garments**

Design a Garments and draft the construct of Pattern to Fancy Frock for Kids ( 3 Varieties )

**Unit–II:Women’s garments**

Design a Garments and draft the Pattern , cut and construct the Following Garments for Girl (3types)

**Unit–III: Fashionable Garments**

Design and Draft a Designer Wear for women (2-types) Saree and Blouse- Design with Surface Ornaments and Embroidery and Special Stitches- Using more types and Create New Ideas.

**Unit–IV: Basics in garment display**

Introduction – Visual merchandising– Window display – Fashion show– Dress designing– Creative fashion design– Sketch fashion design .

**Unit–V: Port Folio Presentation**

Portfolio presentation- Introduction – Reflection - Biography – Portfolio – At a glance – Future learning goals- Evidence of Competencies – Technology – Teaching and Instructional design– Writing and Assessment and Fashion Walk.

## **LIST OF PRACTICALS:**

### **Fancy Garments for Kid**

- Party wear,
- Ethnic Wear,
- Beach Wear.

### **Fancy Garments for women**

- Party Wear,
- Casual Wear,
- Ethnic Wear.

### **Fashionable Garments**

- Preparation of Saree Using Surface Ornaments and Embroidery and Special Stitches
- Preparation of Blouse Using Surface Ornaments and Embroidery and Special Stitches

### **Learning the display methods**

- Visual merchandising
- Window display
- Fashion show
- Dress designing
- Creative fashion design
- Sketch fashion design .
- Portfolio presentation
- Drafting for Fashionable garments

## **TEXT BOOK:**

1. Mary Mathews “Practical Clothing Construction” – Part I and II Cosmic Press, Chennai. 1974

## **REFERENCE BOOKS:**

1. Therese De Dillmont *Encyclopedia of Needle Work*, Societe a responsabilite Limitee, Malhouse France, 1886.
2. Gerry Cooklin *Garment Technology for fashion designers*, Blackwell Science Ltd, Delhi, 1996.
3. Helen Joesph Armstrong, *Pattern Making Fro fashion Design*, Harper Collins publishers. New Delhi ,1987.

**MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)**  
**Madurai – 04**

**Class: Diploma (Fashion Technology and Apparel Designing) Part II :Skill**  
**Semester :II** **Hours : 06**  
**Subject code : 18DFAS23** **Credits : 06**

**INTERNSHIP**

**INTERNSHIP ASSESSMENT**

**(Req. Max: Formative: 60 marks, Summative: 40 marks)**

**Formative Evaluation (Industrial Partner)**

- Evaluation Form ( 60 marks)

Applicat ion of Knowle dge	Care for Tools& Equipm ent	Econo mic use of Materi al	Safety Conscious ness	Spe ed	Accur acy	Quality of Workman ship	Amo unt of Work	Numb er of Attem pts	Attitu de

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

**Summative Evaluation (Course Teacher)**

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