

4.1 THEMATIC APPROACH TO DESIGN - II

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- - 6

RATIONALE

The aim of this course is to develop an understanding and the use of design elements into the process of fabric i.e. range development and critically analyze them.

DETAILED CONTENTS

PRACTICAL EXERCISES

1. Developing a range of outfits based on:

Client	-	Children or Men or Women
Season	-	Summer, Winter
Occasion	-	Casual, Formal, Sports (3 outfits each)
Fabric	-	Colours and texture
Price	-	Low price, High price
2. Detailing of the developed range in terms of fabric, trims and fastners and collection of swatches
3. Making specs sheets
4. Making cost sheets

RECOMMENDED BOOKS

1. Design for the Real World: Human Ecology and Social Change by Papanek
2. Repeat Patterns: A Manual for Designers, Artists and Architects by Phillips and Bunce
3. Textiles Designs 200 Years of Patterns for Printed Fabrics by Meller and Elffers

4.2 PATTERN MAKING AND GRADING

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RATIONALE

The students are supposed to perform the jobs of pattern maker when engaged in garment manufacturing industry. After going through this subject, students will be able to manipulate different darts and increase or decrease any pattern proportions

DETAILED CONTENTS

PRACTICAL EXERCISES

1. Dart manipulation by:

- Slash and spread method
 - Pivot method
- Two patterns each

2. Dart manipulation into:

- Single dart series
 - Two dart series
 - Multiple dart series
 - Single lines – princess and empire
 - Yokes
- Two patterns each

3. Control of fullness through

- Pleats
 - Darts
 - Gathers
 - Tucks
 - Additional fullness
- Two patterns each

4. Developing patterns for garments

- Boy's shorts
 - Jump suits
 - Skirts and tops
 - One piece dress
- One pattern each

5. Introduction to

- Track grading
- Nest grading
- Grading basic bodice block and
- skirt block

Two patterns each

RECOMMENDED BOOKS

1. Pattern Making for Fashion Design by Helen Joseph Armstrong, Vikas Publishing House Pvt. Ltd. Delhi
2. The ABC's of Grading by Murray Sacher, New Age Publisher, Delhi
3. Basic Pattern Skills for Fashion Design by Bernard Zamkoft, McGraw Hill Book Co. Inc. New York
4. Designing Apparel through the Flat Pattern by Ernestine Kopp, Beatrice Zelin Publisher, New York

4.3 GARMENT CONSTRUCTION -IV

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RATIONALE

The diploma holders in fashion design are supposed to fabricate the garments, so it is very essential that they should be able to fabricate various garments as per the layouts and specifications. Hence this subject has been included in the curriculum in order to develop such competencies.

DETAILED CONTENTS

PRACTICAL EXERCISES

Construction of:

1. Jump suit
2. Boys shorts
3. Circular skirt
4. T-shirt (in Knits)

Note: The above have to be carried out keeping in view the operation breakdown..

RECOMMENDED BOOKS

1. Pattern Making for Fashion design by Armstrong, Vikas Publishing House Pvt. Ltd. Delhi
2. Clothing Construction by Doongaji, Raj Parkashan, Delhi.
3. System of Cutting by Zarapkar, Navneet Publications
4. Clothing Construction by Evelyn A Mansfield, Houghton Mifflin Co., Boston
5. Creative Sewing by Allynie Bane; McGraw Hill Book Co., Inc., New York
6. How You Look and Dress by Byrta Carson; McGraw Hill Book Co., Inc., New York

4.4 HISTORY OF COSTUMES-II

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RATIONALE

The students of fashion design should appreciate fashion developments of the Western Civilizations and to draw the inference on their influence on costumes of the World.

DETAILED CONTENTS

Theory

A brief study of the main costumes of the following civilizations:

1. Egyptian costumes (05 hrs)
 - a) Women's costumes – Dresses, jewellery, hairstyles, footwear
 - b) Men's costumes – Dresses, Jewellery.
2. Greek Costumes (05 hrs)
 - a) Women's costumes – Dresses, jewellery, hairstyles, footwear
 - b) Men's costumes – Dresses, Jewellery.
3. Roman Period (05 hrs)
 - a) Women's costumes – Dresses, jewellery, hairstyles, footwear
 - b) Men's costumes – Dresses, Jewellery, hairstyles, footwear
4. Byzantine Period (05 hrs)
 - a) Women's costumes – Dresses, Jewellery, hairstyles, footwear
 - b) Men's costumes – Dresses, Jewellery, hairstyle, footwear
5. Victorian period (9 hrs)
 - a) Women's costumes – Dresses, jewellery, hairstyles, footwear
 - b) Men's costumes – Dresses, Jewellery, hairstyle, footwear
6. French Revolution (9 hrs),
 - a) Women's costumes – Dresses, jewellery, hairstyles, footwear
 - b) Men's costumes – Dresses, Jewellery, hairstyle, footwear

7. 20th Century Fashion (10 hrs)

- a) Significant development period wise – decade wise
- b) Designers –Important Indian and international designers and their contribution Development of Fashion Industry and its role

Note:

- a. Design few contemporary silhouettes based on inspirations drawn from different periods. Preparation of portfolio of selected silhouettes and accessories of all periods and contemporary designing.
- b. Students should be shown classic and contemporary movies – Cleopatra Elizabeth , Return of Mummy, Titanic, Ten Commandments and other period movies

RECOMMENDED BOOKS

- 1. 20th Century Fashion by Peacock J, published by M/S Thames & Edison. London
- 2. Fashion Memoir by Yves Saint Laurent, Pieme Berge published by M/S Vikas Publishing House Pvt. Ltd. New Delhi
- 3. A History of Costume in the West by Boucher published by Thames and Hudson, London
- 4. Costume 1066 – 1990's by Peacock published by Thames &Hudson, London
- 5. World Costume by Doreen Y, published by A& C Black
- 6. The Concise History of Fashion by James Lever, published by M/S Thames & Hudson publishers, London

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Time Allotted (Hrs)	Marks Allotted (%)
1	05	10
2	05	10
3	05	10
4	05	10
5	09	20
6	09	20
7	10	20
Total	48	100

4.5 CAD IN FASHION DESIGN - I

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RATIONALE

The term CAD has found its way into all major disciplines that have got anything to do with designing or drafting techniques. The objective of the subject is to expose professionals and to meet the needs of the users by complementing their knowledge, skills and ability, creativity in the field of garment technology and their application in the industry.

DETAILED CONTENTS

PRACTICAL EXERCISES

(Software: Use of Corel Draw and Adobe Photoshop)

1. Detailed study of tools of Corel Draw and Adobe Photoshop
2. Create a file portfolio consisting of various motifs and their placements geometrical motif, stylized motif, realistic motif, abstract motif, traditional motif
3. Students are required to present/submit a PowerPoint presentation of their file portfolio

Note: Visit Design Studios in Export Houses and Industry to understand the use of these softwares by designers

RECOMMENDED BOOKS

1. Literature from the supplier of each software can be consulted
2. Corel Draw 12 – BPB Publication (latest version)
3. Adobe Photoshop 5.5 - BPB Publication (latest version)

4.6 DRAPING

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RATIONALE

The skill in draping is essential for the diploma holders in fashion design that they are able to express design ideas by a three dimensional process of pattern making.

DETAILED CONTENTS

PRACTICAL EXERCISES

1. Introduction to
 - a) Equipment needed
 - b) Dress form/dummies
 - c) Grain
 - d) Preparation of fabric
 - e) Seam allowances/ease
2. Preparation of basic Patterns by draping the following
 - a) Basic bodice – front and back
 - b) Basic skirt – front and back
 - c) Bodice variation – princess line, yokes with gathers/pleats
 - d) Bodice with cowl
3. Skirt variation – flared

RECOMMENDED BOOKS

1. Draping for Fashion Design by Jaffe, Hilde
2. Introduction to Draping

4.7 APPAREL MANAGEMENT AND QUALITY CONTROL

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RATIONALE

Diploma holders in fashion design are required to lead a team of workers and motivate them towards realization of organizational objectives, with the knowledge and skill of apparel management and quality control.

DETAILED CONTENTS

PART A: PRODUCTION MANAGEMENT

1. Introduction to Basic Production Terms (definitions only) (05 hrs)
Production, productivity, work in process, Time Study, Motion Study, Ergonomics
2. Types of production processes (a brief idea of following types) (09 hrs)
Progressive Bundle System, Modular, UPS
3. Material Handling (09 hrs)
Introduction and need of material handling

PART B: QUALITY CONTROL

4. Quality - Definition and Importance of following (09 hrs)
 - Quality Control
 - Quality Assurance
 - Quality Standards
 - Quality Specifications
5. Quality Control – 7 tools of Quality control, 4 Costs of Quality (09 hrs)
6. Inspection (09 hrs)
Definition and Importance -Inspection systems: 4 point system, AQL (2.5 and 4.0)

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| 7. | ISO – 9000 Series

Definition, need and benefits of ISO – 9000 | (04 hrs) |
| 8. | Critical/Major/minor defects classification with examples | (06 hrs) |
| 9. | Types of sewing machines – classification only with examples | (04 hrs) |

INSTRUCTIONAL STRATEGY

The teacher should take students to garment industries to show them various production processes and maintenance of quality of garments in the industry

RECOMMENDED BOOKS

1. Managing Quality by SK Bhardwaj and PV Mehta; New Age Publisher, Delhi
2. ISO 90001 –Textile Committee Manual

SUGGESTED DISTRIBUTION OF MARKS

Topic No.	Time allotted(Hrs)	Marks allotted (Hrs)
1	05	10
2	09	20
3	09	10
4	09	15
5	09	15
6	09	10
7	04	05
8	06	10
9	04	05
Total	64	100

ENTREPRENEURIAL AWARENESS CAMP

The employment opportunities for diploma holders especially in public sector are dwindling. The diploma holders need to explore the possibilities of becoming entrepreneurs. For this, they must be acquainted with entrepreneurship development, scope of setting up small-scale industry, existing business opportunities, financial support available and various aspects of managing business. In this context, an entrepreneurial awareness camp is suggested. During the camp, experts from various organizations such as banks, financial corporations, service institutes etc. may be invited to deliver expert lectures. Successful entrepreneurs may also be invited to interact with the students. Students may be encouraged to read papers or give seminar during the camp on Entrepreneurship Development related topics.

The camp is to be organized at a stretch for two to three days during fourth semester. Lectures will be delivered on the following broad topics. There will be no examination for this subject

1. Who is an entrepreneur?
2. Need for entrepreneurship, entrepreneurial career and self employment
3. Scenario of development of small scale industries in India
4. Entrepreneurial history in India, Indian values and entrepreneurship
5. Assistance from District Industries Centres, Commercial Banks, State Financial Corporations, Small industries Service Institutes, Research and Development Laboratories and other Financial and Development Corporations
6. Considerations for product selection
7. Opportunities for business, service and industrial ventures
8. Learning from Indian experiences in entrepreneurship (Interaction with successful entrepreneurs)
9. Legal aspects of small business
10. Managerial aspects of small business