

Gondwana University
Bachelor of Fashion Design
Semester – V
PATTERN GRADING – I
Paper – I

Theory : 60 Marks
Term Work : 25 Marks
Sessional : 15 marks

OBJECTIVES :

1. To develop the skill of making and using basic slopers.
2. To impart basic knowledge of pattern grading.

UNIT – I :

- 1.1 Types and use of size chart for grading
- 1.2 Grading – Definition & meaning
– Industrial importance of grading
- 1.3 Terminology of grading

UNIT – II :

- 2.1 Systems of grading (1) Two Dimensional (2) Three Dimensional
- 2.2 Grading techniques and their importance
- 2.3 Track grading
- 2.4 Draft grading
- 2.5 Selection of grading system

UNIT – III :

- 3.1 Development of slopers
- 3.2 Grading of basic pattern
- 3.3 Principles of grading

UNIT – IV :

- 4.1 Selection of zero point and its importance
- 4.2 Lay marking – meaning & its importance
- lay marking for complicated patterns
- 4.3 Pattern placement on different grainlines
- 4.4 Different textures and prints

4.5 Specification sheet

TERM WORK :

1. Grading of basic pattern – bodice, sleeve, skirt and trouser
2. Lay making for various patterns (any five)
3. Grading of simple garments adapted from basic (2 each for kids and female).
4. Specification sheet for the above mentioned garment.

SESSIONAL :

Internal examination based on entire syllabus should be conducted by the college.

REFERENCES :

1. Grading and sizing – M. M. Shoben
2. Metric Pattern Cutting – Gerry Cooklin
3. Grading and Sizing – M. M. Shoben
4. More Dress Pattern Designing – Natalie Bray
5. Pattern Making for Fashion Design – Helen Joseph Armstrong

Gondwana University
Bachelor of Fashion Design
Semester – V
FUNDAMENTALS OF APPAREL PRODUCTION – I
Paper - II

Theory : 60 Marks
Term Work : 25 Marks
Sessional : 15 Marks

OBJECTIVES :

1. To impart knowledge of apparel production.
2. To understand seams, stitches and sewing problems.

UNIT – I :

- 1.1 Types of sewing machines and attachments
- 1.2 Sewing machine feed mechanism
 - a) Drop feed system
 - b) Differential feed system

UNIT – II :

- 2.1 Sewing needles – structure and types according to point
- 2.2 Sewing thread – fibre type, construction and finish
- 2.3 Labels – significance and types

UNIT – III :

- 3.1 Seams – definition and properties
- 3.2 Classification of seam and application of each type
- 3.3 Stitch – definition and classification
- 3.4 Methods of stitch formation – (a) Interlooping (b) Intralooping (c) Interlacing

UNIT – IV :

- 4.1 Stitch setting – stitch length, stitch width and thread tension
- 4.2 Factors affecting seam performance – strength, elasticity and durability
- 4.3 Sewing Problems : Problems of stitch formation, problems of pucker, problems of damage to the fabric along the stitch line.

TERM WORK:

Prepare a portfolio of sewing machines, needles, threads, labels and diagram of seams and stitches

SESSIONAL :

Internal examination based on syllabus should be conducted by the college.

REFERENCES :

1. The Technology of Clothing Manufacture – H. Carr, B. Latham
2. Encyclopedia of Dress Making – R. Jewel
3. Handbook of Garment Manufacturing Technology – E.I.R.I.

Gondwana University
Bachelor of Fashion Design
Semester – V
HISTORY OF WESTERN COSTUMES
Paper – III

Theory : 60 Marks
Term Work : 25 Marks
Sessional : 15 Marks

OBJECTIVES :

To give an overview of the history of fashion from western ancient civilization; through ages to the present.

UNIT – I :

- 1.1 History of western costumes male & female and accessories of Greek.
- 1.2 Dorian and Ionic period (2800 – 1200 BC)

UNIT – II :

- 2.1 History of costumes male & female and accessories of Egypt.
- 2.2 Assyrians, Persians, Hebrews (pecotord, lotous, apron)

UNIT – III :

- 1.1 History of western costumes male and female and accessories of France.
- 1.2 French costume of the Moyen age
- 1.3 French costume of the Renaissance age

UNIT – IV :

- 4.1 History of western costumes male & female and accessories of Rome.
- 4.2 Byzantine period
- 4.3 Middle age (11th to 13th century)

TERM WORK :

1. Prepare a portfolio based on Unit – I, II, III and IV.
2. Prepare fashion jewellery 2 sets on western theme.

SESSIONAL :

Internal examination based on entire syllabus should be conducted by the college.

REFERENCES :

1. History of Costumes in the West - Francois Boucher
2. A History of Fashion – Gertrud Lehnert
3. World Dress Fashion in Detail, Rosemary Crill, Jennifer Wearden and Verity Wilson

Gondwana University
Bachelor of Fashion Design
Semester – V
MARKETING AND MERCHANDISING
Paper – IV

Theory : 60 Marks
Sessional : 15 Marks

OBJECTIVES :

1. To impart knowledge of marketing
2. To develop managerial skills

UNIT – I :

- 1.1 Market : meaning, types of market, market trends
- 1.2 Market research & its method
- 1.3 Interpretation of market demand.

UNIT – II :

- 2.1 Management : meaning, importance & characteristics
- 2.2 Managerial skills & objectives
- 2.3 Functions of management
- 2.4 Types of management – objectives, functions and scope

UNIT – III :

- 3.1 Marketing : Definition, Principle & function
- 3.2 The selling concept vs. marketing concept
- 3.3 The marketing mix – The ‘4 P’ concept its objectives, functions & methods

UNIT – IV :

- 4.1 Quality Control – meaning, concept and methods
- 4.2 Fashion merchandising – meaning, concept and types
- 4.3 Problems and prospects of fashion industry

SESSIONAL :

Internal examination based on the syllabus should be conducted by the college.

REFERENCES :

1. An Introduction to Quality Control for the Apparel Industry – Pradip Mehta
2. Industrial Organization Management – O. P. Khanna
3. Marketing Management – Philips Kohlar
4. Modern Business Organization and Management – Sherlekar

Gondwana University
Bachelor of Fashion Design
Semester – V
COMPUTER AIDED DESIGN - I
Paper - V

Theory : 60 Marks
Sessional : 15 Marks

OBJECTIVES :

1. To learn the application of computers in fashion industry
2. To understand computer graphics

UNIT – I :

- 1.1 Role of computers in fashion industry
- 1.2 CAD, CAM, CIM, CAA, PDC
- 1.3 Definition and functions
- 1.4 CAD in designing (textile and fashion)
- 1.5 Introduction to computerized sewing machine and embroidery machine

UNIT – II :

- 2.1 CAD in pattern making and grading
- 2.2 CAD system description – information
- 2.3 Flow process involved in pattern making
- 2.4 Flow process involved in pattern grading

UNIT – III :

- 3.1 Computer Graphics Application
- 3.2 Raster graphics and vectors graphics – definition, differences
- 3.3 Importance of graphic files : JPEG, BMP, TIFF, GIF, CDR
- 3.4 Resolution of graphic files

UNIT – IV :

- 4.1 Colour theory CMYK, RGB
- 4.2 Introduction of different colour modes and modules
- 4.3 Importance of grey scale
- 4.4 Hue, saturation, balance

SESSIONAL :

Internal examination based on syllabus should be conducted by the college.

REFERENCES :

1. Renee W. Chase, CAD for fashion design
2. Computers in Textiles, All India Council for Technical Education.
3. Clothing Technology – Hannelore Eberle et. Al., Verlaag
4. Lacob Solinger, Apparel Manufacturing Handbook, Second Edition
5. Cameronluther, Carrier in Textile and Fashion Designing..

Gondwana University
Bachelor of Fashion Design
Semester – V
INPLANT TRAINING

Term Work : 50 Marks

Students are expected to submit project report based on 21 days inplant training in any reputed garment manufacturing industry.

Gondwana University
Bachelor of Fashion Design
Semester – VI
PATTERN GRADING – II
Paper – I

Theory : 60 Marks
Practical : 25 Marks
Sessional : 15 Marks

OBJECTIVES :

1. To develop the skill of pattern manipulation and grading.
2. To impart knowledge of commercial paper pattern.

UNIT – I :

- 1.1 Dart Manipulation and its Importance
- 1.2 Slash and spread technique, pivot technique for dart manipulation.
- 1.3 Grading of collars, lapels and yokes

UNIT – II :

- 2.1 Pattern manipulation for different style lines and its grading.
- 2.2 Princess line, empire line, low waist line, strapless bodice.

UNIT – III :

- 3.1 Commercial paper pattern – preparation details
- 3.2 Designing envelop front and back
- 3.3 Importance of guide sheet.

UNIT – IV :

- 4.1 Computerised grading systems
- 4.2 Standard size grading
- 4.3 Grade rule libraries
- 4.4 Digitizing patterns and grading
- 4.5 Grading techniques included in program

PRACTICAL :

1. Grading of any male, female and kidswear with stylelines mentioned in the syllabus.
2. Preparation of pattern envelop for any of the above mentioned garment.

EVALUATION OF PRACTICAL WORK :

- | | | |
|-------------------|---|----------|
| 1. Graded Pattern | - | 15 Marks |
| 2. Envelope | - | 10 Marks |

SESSIONAL :

Internal examination based on entire syllabus should be conducted by the college.

REFERENCES :

1. Metric pattern Cutting – Winifred Aldrich
2. Pattern Grading – Gerry Cooklin
3. Grading and Sizing – M. M. Shoben
4. More Dress Pattern Designing – Natalie Bray
5. Pattern Making for Fashion Design – Helen Joseph Armstrong

Gondwana University
Bachelor of Fashion Design
Semester – VI
FUNDAMENTALS OF APPAREL PRODUCTION-II
Paper – II

Theory : 60 Marks
Sessional : 15 Marks

OBJECTIVES :

1. To impart knowledge of industrial apparel, production.
2. To understand the working of cutting and pressing equipments.

UNIT – I :

- 1.1 Major departments in an apparel manufacturing unit
- 1.2 Design department
- 1.3 Production department
- 1.4 Sales department
- 1.5 Sequence of operations in garment industry, preproduction, production and post production.

UNIT – II :

- 2.1 Marker planning
- 2.2 Requirements of marker planning
- 2.3 Methods of marker planning
- 2.4 Methods of drawing and duplicating marker

UNIT – III :

- 3.1 Cutting
- 3.2 Objectives of cutting
- 3.3 Methods of cutting – conventional & auxillary cutting devices, their working principle and limitations.
- 3.4 Computerized cutting machines

UNIT – IV :

- 4.1 Pressing
- 4.2 Industrial pressing, equipments
- 4.3 Types of pressing and objectives of pressing
- 4.4 Finishing machines

4.5 Fusing equipments

4.6 Packaging

SESSIONAL :

Internal examination based on entire syllabus should be conducted by the college.

REFERENCES :

1. Technology of Clothing Manufacture – H. Carr, B. Latham
2. Apparel Manufacturing Hand Book – Jacob Solinger
3. Introduction to Clothing Production Management – A. J. Chuter
4. Handbook of Garment Manufacturing Technology – EIRI

Gondwana University
Bachelor of Fashion Design
Semester – VI
APPAREL DESIGN AND DEVELOPMENT - III
Paper – III

Theory : 60 Marks
Term Work : 25 Marks
Sessional : 15 Marks

OBJECTIVES :

1. To enable the students understand the construction of knitted fabrics and knitwear.
2. To develop the skills of designing knitwear and leatherwear.

UNIT – I :

- 1.1 Knitting – meaning and scope
- 1.2 Woven versus knitted fabric
- 1.3 Classification of knitting machines and knitting elements

UNIT – II :

- 2.1 Introduction of knitting methods – warp knitting and weft knitting
- 2.2 basic weft knitted structure – Properties and uses
- 2.3 Basic warp knitted structure – properties and uses.
- 2.4 Determining stretch and shrinkage factor

UNIT – III :

- 3.1 Types of leather – skins and hides
- 3.2 Treatment and finishing of leather
- 3.3 Usability of leather in garments and accessories industry

UNIT – IV :

- 4.1 Designing leatherwear and leather accessories
- 4.2 Designing knitwear
- 4.3 Construction of leather wear
- 4.4 Methods of knitted garments manufacture.

TERM WORK :

1. Design and make patterns for any two types of leatherwear and knitwear.

SESSIONAL :

Internal examination based on entire syllabus should be conducted by the college.

REFERENCES :

1. Knitting Technology Handbook – David J. Spencer
2. Knitted Clothing Technology – Terry Brackenbury
3. Fashion Merchandising – Elaine Stone
4. Knitting Technology – Prof. Ajgaonkar

Gondwana University
Bachelor of Fashion Design
Semester – VI
RETAILING AND EXPORT
Paper – IV

Theory : 60 Marks
Sessional : 15 Marks

OBJECTIVES :

1. To develop skills in understanding distribution channels, fashion marketing, export market and fashion retailing.
2. To understand consumer behaviour.

UNIT – I :

- 1.1 Study of principles of good retailing
- 1.2 Creating of customer value and relationship
- 1.3 Study of customer behavior pattern and personalized shopping

UNIT – II :

- 2.1 Importance of visual merchandizing
- 2.2 Channels of distribution, buying strategy for retails
- 2.3 Personal shopping and style

UNIT – III :

- 3.1 Fashion trends and fashion forecasting
- 3.2 Market research and branding for retail
- 3.3 Importance of web based promotions

UNIT – IV :

- 4.1 Global market and international marketing
- 4.2 Importance of export for Indian fashion industries growth and benefits
- 4.3 International market place – goods and services multinational corporations
- 4.4 GATT – present export and import details

SESSIONAL :

Internal examination based on entire syllabus should be conducted by the college.

REFERENCES :

1. Consumer Behaviour in Fashion – Micheal Solomon
2. Fashion Marketing – Dotty Oelkar

3. Fashion – From Concept to Consumer – G. S. Frings
4. Fashion Merchandising – Elaine Stone

Gondwana University
Bachelor of Fashion Design
Semester - VI
COMPUTER AIDED DESIGN - II
Paper - V

Practical : 50 Marks
Term Work : 25 Marks

OBJECTIVES :

1. To understand pattern making and grading software.
2. To learn the combination of manual and digital creativity.

COURSE CONTENT :

- 1. Introduction of CAD**
 - Introduction to pattern Making Software
 - Introduction to grading Software
- 2. Photoshop :** Preparing a different prints and patterns
 - Application of prints and patterns on croqui
 - Using of corrections tools and Painting tools.
- 3. Illustrator :** Preparing a different motifs for embroidery designs
 - Application of tool and Techniques used in illustration
 - Application of Prints and Textures on garments
- 4. Corel Draw :** Developing a various types of Graphics with the help tool Bar.
 - Application of colors to different graphics
 - Application of tool and Techniques used in Corel Draw
- 5. Scanning :** Scanning Patterns and doing Modifications as specific end use

PRACTICAL :

Illustrate garment design for the following by using term work

- Frocks – Different Styles
- Tops – Different Styles
- Skirts and Lehngas
- Salwar and Churidhars
- Shirts, T-Shirts (Woven, Knitted)
- Trousers and Pants (Full and Half)
- Gowns
- Kurta and Pyjama

- Princess line Dresses (Different Styles)
- Jewellery Designing, Accessories Designing, Foot-ware Deigning

EVALUATION OF PRACTICAL :

Preparing any one design from term work

- Colour Combination : 05Marks
- Viva : 10 Marks
- Designing of Patterns and Textures : 20 Marks
- Suitability of products : 15 Marks

TERM WORK : Create the following designs

1. Different types of collar
2. Different types of sleeves
3. Different types of necklines
4. Different types of Skirts
5. Designing of Different Fabric Prints & Textures
5. Croqui Illustration (M/F/C)
6. Accessories: Bags, Footwear, Hats, jewelery
7. Rendering a croqui with different Patters and textures.

EVALUATION OF TERM WORK :

- Portfolio : 20 Marks
- Continuous Evaluation : 30 Marks

Note : Prepare a portfolio of above mentioned term work

REFERENCES :

1. Rence Weiss Chase, CAD for Fashion Design
2. Chandak Ramesh, Corel Draw
3. John Hopkins, Fashion Drawing AVA Academia
4. Adobe Photoshop CS2, Tata McGraw Hill
5. Manuals of Lectra, Tukacad, Reachcad
6. Steven Stipelman, Illustrating fashion concept to creation
7. Fashion Designers, Handbook for Fashion Illustrator

Gondwana University
Bachelor of Fashion Design
Semester – VI
PROJECT

Practical : 50 Marks
Term Work : 25 Marks

PROJECT :

Students are expected to develop a line based on a particular theme (couture collection) of five garments of which any two should be completely constructed. Students should submit a project report based on construction and designing of the above mentioned garments.

TERM WORK :

Prepare pattern envelopes for all the five garments designed for the project and it should be submitted along with the project report to the college.

EVALUATION OF PRACTICAL :

- | | | | |
|----|---------------------------|---|----------|
| 1. | Theme Presentation (Viva) | - | 10 Marks |
| 2. | Designing | | |
| | a. Garment | - | 20 Marks |
| | b. Illustration | - | 10 Marks |
| 3. | Specification Sheet | - | 10 Marks |