

GONDWANA UNIVERSITY, GADCHIROLI

BACHELOR OF FASHION DESIGN

(THREE YEARS UG COURSE IN FACULTY OF HOME SCIENCE)

COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYSTEM

SEMESTER - I

Area	Unique Subject Code (USC)	Subject	Examination Scheme				Examination Scheme				Credits Per Course
			Maximum Marks				Minimum Marks				
			Theory	IA	Term Work / PI	TOTAL	TH	IA	P IA	TOTAL	
(Foundation Course)	1	English - I	40	10		50	20		20	2	
	2	Traditional Textiles - I Or Computer fundamentals – I	40	10		50	20		20	2	
Core (Core Course)	3	Apparel Construction Basic - I	80	20	50	150	40	20	60	6	
	4	Elements of design	80	20	50	150	40	20	60	6	
	5	Textile Science - I	80	20	50	150	40	20	60	6	
SEMESTER TOTAL			320	80	150	550			220	22	

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II-SEMESTER

Area	Unique Subject Code (USC)	Subject	Examination Scheme				Examination Scheme				Credits Per Course
			Maximum Marks				Minimum Marks				
			Theory	IA	Practical/ P U	TOTAL	Th	IA	P IA	TOTAL	
(Foundation Course)	1	English- II	40	10		50	20		20	2	
	2	Fashion Illustration - I or Computer Fundamentals – II		50	50	100	20	20	40	4	
Core (Core Course)	3	Apparel Construction Basic - II	80	20	50	150	40	20	60	6	
	4	Apparel design and development - I		50	50	100	20	20	40	4	
	5	Textile Science – II	80	20	50	150	40	20	60	6	
SEMESTER TOTAL			200	150	200	550			220	22	

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Area	Unique Subject Code (USC)	Subject	Examination Scheme				Examination Scheme				Credits Per Course
			Maximum Marks				Minimum Marks				
			Theory	IA	Term Work / PI	TOTAL	Th	IA	P IA	TOTAL	
(Foundation Course)	1	Concept of Fashion	40	10		50	20		20	2	
	2	Entrepreneurship Development Or Traditional Indian Textiles - II	40	10		50	20		20	2	
Core (Core Course)	3	Pattern Making - I	80	20	50	150	40	20	60	6	
	4	Draping Technique – I	80	20	50	150	40	20	60	6	
	5	Surface Ornamentation	80	20	50	150	40	20	60	6	
SEMESTER TOTAL			320	80	150	550			220	22	

III-SEMESTER

GONDWANA UNIVERSITY, GADCHIROLI

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COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYSTEM

Area	Unique Subject Code (USC)	Subject	Examination Scheme				Examination Scheme				Credits Per Course
			Maximum Marks				Minimum Marks				
			Theory	IA	Practical/ P U	TOTAL	Th	IA	P IA	TOTAL	
(Foundation Course)	1	History of Indian Costume	40	10		50	20			20	2
	2	Apparel Design and Development - II Or Fashion Illustration - II			50	50			20	20	2
Core (Core Course)	3	Pattern Making - II	80	20	50	150	40		20	60	6
	4	Draping Technique - II	80	20	50	150	40		20	60	6
	5	Surface Ornamentation - II	80	20	50	150	40		20	60	6
SEMESTER TOTAL			280	70	200	550				220	22

IV -SEMESTER

GONDWANA UNIVERSITY, GADCHIROLI

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COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYSTEM

Area	Unique Subject Code (USC)	Subject	Examination Scheme				Examination Scheme				Credits Per Course
			Maximum Marks				Minimum Marks				
			Theory	IA	P I	TOTAL	Th	IA	P IA	TOTAL	
(Foundation Course)	1	Fundamental of apparel production - I	80	20		100	40		40	4	
GE (Elective Course)	2	Pattern grading - I	80	20	50	150	40	20	60	6	
DSE (Discipline Specific Elective Course)	3	Any one from: - A) History of western costumes B) Marketing and Merchandising	80	20	50	150	40	20	60	6	
	4	A)Computer Added Design – I B) Fashion studies	80	20	50	150	40	20	60	6	
		In Plant Training	Grade System								
SEMESTER TOTAL			320	80	150	550			220	22	

V -SEMESTER
GONDWANA UNIVERSITY, GADCHIROLI
BACHELOR OF FASHION DESIGN
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COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYSTEM

Area	Unique Subject Code (USC)	Subject	Examination Scheme					Examination Scheme				Credits Per Course
			Maximum Marks					Minimum Marks				
			Theory	IA	PI	PU	TOTAL	Th	IA	P IA	TOTAL	
(Foundation Course)	1	Fundamental of apparel production - II	80	20			100	40		40	4	
GE (Elective Course)	2	Pattern grading - II	80	20		50	150	40	20	60	6	
DSE (Discipline Specific Elective Course)	3	Any one from: - A) Apparel Design and Development - III B) Retailing and Export	80	20	50		150	40	20	60	6	
	4	A)Computer Added Design – II B) Project - II		50		100	150	20	40	60	6	
SEMESTER TOTAL			240	110	200	550			220	22		

VI-SEMESTER

Semester – I

Gondwana University, Gadchiroli.

Bachelor of Fashion Design

Semester – I

ENGLISH – I

(foundation course)

Theory: 40 Marks

Sessional: 10 Marks

OBJECTIVE:

1. To enable students to understand the language for better performance.
2. To understand the application of grammar

UNIT– I:

Application of Grammar

1.1 Parts of speech

1.2 Verbs

1.3 Conjunctions

1.4 Tenses

UNIT-II:

2.1 Articles

2.2 Prepositions

2.3 Transformation of sentences

2.4 Punctuations

2.5 Direct & Indirect Speech

UNIT-III:

3.1 Paragraph writing

3.2 Evaluation of perception based on paragraph

UNIT-IV:

Vocabulary Building

4.1 Homophones

4.2 Synonyms

4.3 Antonyms

SESSIONAL:

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

REFERENCES:

1. New Design English Grammar, Reading and Writing Skills by A. L. Kohli (Coarse

A and Coarse B), Kohli Publishers, 34, Industrial Area, Phase-II, Chandigarh.

2. New Design English Reading and Advanced Writing Skills for Class XI and XII by M. K. Kohli and A. L. Kohli, Kohli Publishers, 34, Industrial Area, Phase-II, Chandigarh.

3. A Practical English Grammar by Thomson and Marlinet.

4. Spoken English by V. Sasikumar and P. V. Dhamija, Tata McGraw Hill.

5. English Conversation Practice by Grount Taylor, Tata McGraw

Gondwana University, Gadchiroli.
Bachelor of Fashion Design
Semester – I
TRADITIONAL INDIAN TEXTILE – I
(foundation course)

Theory: 40 Marks

Sessional: 10 Marks

OBJECTIVES:

1. To study the history of traditional Indian designs of textiles.
2. To impart knowledge of traditional designs and motifs of textiles.

UNIT – I :

- 1.1 History of textile design.
- 1.2 Design – meaning & scope, types – structure & surface ornamentation.
- 1.3 Regional textiles – Introduction and importance.

UNIT – II :

Cotton saree : Study of following cotton sarees in reference to color, yarn, motif, technique

used in it.

2.1 Mausari

2.2 Nagpuri

2.3 Bengali Cotton

UNIT-III :

Silk Sarees : Study of following silk sarees in reference to color, yarn, motif & technique.

3.1 Gadhwal

3.2 Narayan Peth

3.3 Varanani

UNIT-IV :

Study of following in reference to color, yarn, motif, technique used in it.

4.1 Dhoti

4.2 Gamcha

4.3 Pancha

4.4 Shawl – Kullu

SESSIONAL:

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

REFERENCES:

1. Textile Art of India – KokyoHalan Aka Collection
2. Traditional Indian Textiles – John Gillow, Nicholas Barnard

3. Handcrafted Indian Textiles – M. Singh
4. Textiles & Craft of India – Dr. V. Bhandari, S. Dhingra
5. Indian Sarees – V. S. Katiyar

Gondwana University, Gadchiroli.
Bachelor of Fashion Design
Semester - I
COMPUTER FUNDAMENTALS -I
(foundation course)

Theory: 40 Marks
Sessional: 10 Marks

OBJECTIVES:

1. To learn the basic computing concepts
2. To understand the scope & concept of information technology.

UNIT-I :

- 1.1 Computer Fundamentals
 - a) Overview of computer system
 - b) Characteristics of computer
 - c) Classification of computers

d) Types of computer (Desktop, Laptop, Tablet, PDAS)

e) Classification of Hardware & Software

UNIT-II :

2.1 Anatomy of Computer

a) Memory

b) Characteristics of Memory (Volatility, Mutability, Accessibility & Addressability)

c) Primary Memory, Rom, Ram & types of Rom, Ram

d) Secondary Memory (Magnetic Disk, Optical Disk, Memory Storage Devices)

UNIT-III :

3.1 Input and Output Devices

a) Input Devices (Keyboard, light Pens, Touch Screens, Digitizers, Scanners, Mouse, Joystick)

b) Output Devices (Printers: Impact and Non-impact, Monitors, Plotters, LCD, LED)

c) Operating System

d) Application Software & System Software

e) Virus

UNIT-IV :

4.1 Network & Data Communication

a) Network Topology (Bus Network, Star Network, Ring Network)

b) Types of Network (LAN, WAN)

c) Communication Channels : Wired technology (Twisted Pair Cable, Coaxial Cable, Fiber Optical Cable)

d) Communication Channels : Wireless Technology (Microwave, Satellite, Bluetooth)

e) Introduction to Internet (Dial up – Broad Band, Search Engines & Chat Services)

SESSIONAL:

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

REFERENCES:

1. Sinha P. K. „Computer Fundamentals“, Vol I, II, III, IV & V
2. Lery J. O., Lery Linda I. O, „Computing Essentials“, Tata McGraw Hill Series
3. Peter Nortons, „Introduction to Computers“, Tata McGraw Hill Series.

Gondwana University, Gadchiroli.
Bachelor of Fashion Design
Semester - I
APPAREL CONSTRUCTION BASICS – I
(Core Course -I)

Theory: 80 Marks
Term Work: 50 Marks
Sessional: 20 Marks

OBJECTIVES:

1. To impart knowledge about the basics of construction.
2. To understand the importance of body measurements.

UNIT – I :

- 1.1 Anthropometric measurements – definition, instruments, precautions, landmarks & recording body measurements.
- 1.2 Standardization of size charts.

UNIT – II :

- 2.1 Basic sewing machine and its parts.
- 2.2 Functions of sewing parts and basic attachments.

2.3 Common problems and their remedies while sewing.

2.4 Maintenance and care of sewing machine.

UNIT-III :

3.1 Tools and equipments used for clothing construction.

3.2 Handling special fabrics

3.3 Suitability of different fabrics for different garments.

3.4 Knowledge of size of needles, threads and stitches according to the fabric.

UNIT – IV :

4.1 Study of fabric embellishments.

4.2 A brief study of garment details – collars, sleeves, pockets, plackets.

4.3 Different style of garments – skirt, trousers, blouses, one piece dress and coats.

TERM WORK:

Prepare sample folder of fabric / garment embellishments, study trims, fasteners, attachments
(15 samples each).

SESSIONAL:

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

REFERENCES:

1. Encyclopedia of Dress Making – R. Jewel
2. Sewing – Hillary More
3. Needle Point – Hillary More
4. New Complete Guide to Sewing – Reader's Digest.

Gondwana University, Gadchiroli.

Bachelor of Fashion Design

Semester - I

ELEMENTS OF DESIGN

(Core Course -II)

Theory: 80 Marks

Term Work: 50 Marks

Sessional: 20 Marks

OBJECTIVES: -

1. To study the basic fundamentals of drawing, developing skill in drawing.
2. To study the basic elements and principles of colors and design.

UNIT – I:

- 1.1 Use of different media of colours for rendering like water colours, poster colours etc.
- 1.2 Elements of Art
- 1.3 Line
- 1.4 Shape
- 1.5 Direction
- 1.6 Texture

1.7 Value

1.8 Colour

UNIT – II :

The Principles of Design

2.1 Repetition

2.2 Harmony

2.3 Gradation

2.4 Contrast

2.5 Unity

2.6 Balance

UNIT - III :

3.1 Colour Schemes

3.2 Definition of colour

3.3 Light as a source colour

3.4 Qualities of colour (Hue, Value, Chroma) ,Psychological impact of colour

UNIT- IV :

4.1 Paint

4.2 Line

4.3 Plane

4.4 Illusion (optical Illusion)

4.5 Naturalistic motifs

4.6 Decorative Motifs

4.7 Geometric Motifs

4.8 Abstract Motifs

TERM WORK :

- Selecting of natural things and man made things.
- Knowing the various techniques in water colour
- Design of point
- Design of line
- Basic Element Form
- Hues
- Colour Wheel
- Design of Plane (decorative, abstract, geometrical natural)
- Balance
- Repetition
- Contrast
- Rhythm
- Harmony (Cool & Warm)
- Grey Scale

- One sheet of positive and negative spaces
- Different colour schemes
- Study of traditional motifs
- Colour rendering of simple designs
- Print making by using different materials
- Different textures
- Saree border and pallu

SESSIONAL:

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

REFERENCES:

1. BhagwalGaranan – Arwind Desai Kirual art – A Basic Study
2. S.V. Bapat Basic Design & Anthropometry
3. Bride M. Whelan, Colour harmony a guide to creative colour combinations
4. James Stockon Vol. 1-5- Designer Guide to Colour
5. Basic Design – The Dynamic of Visual form by Mouric de Sausmarez
6. Design Studies – ManmeetSodhia
7. Wallace S. Baldinger, The Visal Art
8. Johannes Ilten, Design and Form, The Basic Course at the Bauhans

Gondwana University, Gadchiroli.

Bachelor of Fashion Design

Semester - I

TEXTILE SCIENCE - I

(Core Course -III)

Theory: 80 Marks

Term Work: 50 Marks

Sessional: 20 Marks

OBJECTIVES:

1. To study fibers, yarns and fabrics.
2. To study the basics of fabric processing.

UNIT – I:

- 1.1 Fibers, Definition, Classification of fibers
- 1.2 Essential and desirable properties of fibers
- 1.3 Uses

UNIT – II:

2.1 Yarn Definition

2.2 Flow chart of yarn manufacturing, input and outputs of each processes

2.3 Various yarns like single yarn, double yarn, fancy yarn, blended yarn, filaments

2.4 Uses

UNIT – III:

3.1 Fabric Definition

3.2 Flow chart of fabric manufacturing, input and output of each process

3.3 Definition and introduction of weaving, knitting, non-woven, braiding

3.4 Uses

UNIT – IV:

4.1 Fabric processing

4.2 Importance of processing

4.3 Introduction to bleaching, dyeing, printing, finishing

TERM WORK

1) Collection of natural and manmade fiber.

2) Collection of Various yarns like single yarn, double yarn, fancy yarn, blended yarn, filaments.

- 3) Prepare album of the following standard fabrics like Brocade, buckram, cambric, casement cloth, chiffon, corduroy, georgette, crepe, denim, flannel, gabardine, gingham, long cloth, muslin, organdie, pile fabrics, poplin, chambray, taffeta, velvet, voile, woolen cloths, worsted cloths etc and also mention the standard construction of the same.
- 4) Preparation of samples of different types of bleaching, dyeing, printing, finishing.

SESSIONAL:

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

REFERENCES:

1. Textile Science – Norma Hollen
2. Textile Science – E. Gohl, L. Vilenstey
3. Fundamentals of Textiles & Their Care – Dantiyagi
4. Textile Fibre to Fabric – Corbman
5. Spun Yarns, Technology, Structure & Applications – Eric Oxtoby
6. Vastrashastrakhanda 1, 2, 3, Marathi Vikas Mahamandal, DKTE, Ichalkaranji

Semester – II

Gondwana University, Gadchiroli.

Bachelor of Fashion Design

Semester – II

ENGLISH – II

(Foundation Course)

Theory: 40 Marks

Sessional: 10 Marks

OBJECTIVES:

1. To assist the degree holders to acquire proficiency, both in verbal (oral and written) and non-verbal communication.
2. To improve writing and presentation skills.

TIP: This subject should be taught in English as medium of paper is English only.

UNIT - I:

Improving writing competence through knowledge of written communication.

Type of communication

1.1. Objective and methods of communication

a. Channels of Communication

b. Barriers of communication

1.2. Verbal

a. Types of oral & written communication

b. Conversion of table or tree into paragraph

c. Charts

d. Graphics

UNIT - II:

Introduction of various general qualities amongst future designers.

2.1. Introduction

a. Learning: Concept and principles of learning

b. Memory techniques: Dual store model of memory organization of knowledge.

2.2. Areas of written skill development

a. Principles of written skills (importance of 4 c) correctness, clear, concise and courtesy

b. Story writing from pictures and slides, films.

UNIT - III:

3.1. Letter Writing

a. Business

b. Enquiry

c. Order Letter

d. Complaint letter

e. Job application with bio-data / resume.

UNIT – IV:

4.1 Report Writing

a. Formal reports

b. Types of reports - Routine, Special (Technical)

i. Why is a report required - who asks for a report.

ii. Stages of report writing: Assembling the material, planning the report, drafting the report, editing the report,

iii Elements of a report: Introduction main data or facts, conclusion recommendation to the superior

iv. Circular, Notices, Memo

SESSIONAL:

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

REFERENCE:

1. English for practical purpose by Z. N. Patil and B. S. Valke Ashok Thorat, Zeaneet Merchant (Macmillan Publications)

2. Business Communication - Dr. Urmila Rai

3. Professional Communication Skills - A.K Jain, S.R. Bhatia, A.M. Sheikh

Gondwana University, Gadchiroli.

Bachelor of Fashion Design

Semester - II

FASHION ILLUSTRATION – I

(Foundation Course)

Practical: 50

Term Work: 50

OBJECTIVES:

1. To enable students to express their ideas / visualization in graphic terms.
2. Developing skill in drawing

COURSE CONTENT:

1. Illustrating flat sketches of different types of garment.
2. Sketching of croqui male, female, kids.
3. Rendering the croqui in different prints and texture; silk, wool, jute, fur, cotton, net, velvet.
4. Fashion drawing from model.
5. Sketching of „S“ line, „T“ line, „X“ line male, female and kids figure.

6. Sketching of male, female and kids croqui draped in different outfits – ethnic, party, casual, sports, western, formal, swim, school uniform.
7. Summer collection for all.
8. Winter collection for all.
9. Colour samples, magazine cutting, hand painted fabrics or paper.

EVALUATION OF PRACTICAL WORK:

1. Basic croqui male or female - 20 Marks
2. Draped croqui - 20 Marks
3. Make texture in 4”x 4” Block - 10 Marks

TERM WORK:

1. Prepare a portfolio of different poses - 30 Marks
2. Prepare samples of different prints of textures - 20 Marks

REFERENCE:

1. Fashion Design and Illustration – Pradeep Kumar
2. Fashion Illustration – Neetu Sharma
3. Fashion Design Illustrations – Patric John Ireland
4. Inside Fashion Design – SharenLeelate

Gondwana University, Gadchiroli.
Bachelor of Fashion Design
Semester - II
COMPUTER FUNDAMENTALS - II
(Foundation Course)

Practical: 50 Marks
Term Work: 50 Marks

OBJECTIVES:

1. To learn the process of design and design documentation
2. To learn application software for developing computer skills in designing.

Microsoft Windows (O.S.): Starting OS, the start Button, arranging windows, shortcuts, shutting down OS, OS tool, my computers windows Explorer, copying files, using send to creating, remaking, Moving copying Deleting folder and files.

Word Pad: Opening and saving file, editing, documenting and formatting text, previewing and printing document.

Paint: Opening and saving file, learning of tool Bar, creating and editing a design, color theory, mirror, rotating and flipping the images.

MS – Word: Introduction to word processing, Introduction to MS-Word, creating and formatting a document, features of Ms-word, Auto-text and Auto Correct, Grammar and spell check, changing font and type size. Inserting and sizing graphics, working all the tool bar. Opening and saving a Document, Printing and previewing a document creating Tables, Auto formatting Tables, finding and Replacing Text.

MS Excel: Introduction of Electronic spread sheet Introduction of MS Excel creating and formatting a worksheet. Features of MS-Excel, Inserting Data into worksheet. Entering formulas and function, Types of charts, creating Charts, Moving and Sizing Charts, copying a chart, using AutoFill.

Microsoft Power Point: Introduction of presentation program, introduction to Microsoft Power Point, creating a presentation. Features of power point, auto content wizard, viewing and editing a presentation, insertion pictures and clip arts, opening saving and printing a presentation, creating and enhancing a table, slide layout, modify the slide and title master, adding transition and build effect.

Internet: What is internet history and uses of internet, connecting to internet, dial-up access and direct access, domains and address, DNS and IP address, using the world wide web, internet browser and browsing the web, service on internet, e-mail services, search engines, char services.

TERM WORK:

Using Paint Brush Prepare the Following:

Motifs / Small Designs

Embroidery designs for Handkerchiefs, Necklines

Chest prints for T Shirt

Checks and stripe designs for shirt

Floral designs for dress material

Abstract designs for curtain material

Using MS-Word Prepare the Following:

Visiting Card

Letter Head

Advertisement

Logos for companies

Labels for garments / companies

Using MS-Excel Prepare the Following:

Result Analysis

Size Chart

Grading Chart

Get the output in various formats such as Histogram, Pareto Chart etc. for the given data.

Using MS-Power Point Prepare the Following Presentation and flow chart on given topic:

Flow chart on Spinning and Weaving

Traditional Sarees

Fashion Show

Regional Embroidery

Carpets and Rugs

Tie and Dye, Batik

Note: Students are expected to prepare portfolio inclusive of the above mentioned work & CD

EVALUATION OF PRACTICAL:

Anyone exercise from above mentioned term work

Viva: 10 Marks

Portfolios: 10 Marks

Designing and colour combination: 15 Marks

Suitability for the product: 15 Marks

EVALUATION OF TERM WORK:

Portfolio: 30 Marks

Continuous Evaluation: 20 Marks

REFERENCES:

1. Lery J. O. Linda, Leary, 1.0 Microsoft Windows, Tata McGraw Hill Series
2. Lery J. O. Linda, Leary, 1.0 Microsoft Office, Tata McGraw Hill Series
3. Peter Nortons Introduction to Computers, Tata McGraw Hill Series.

Gondwana University, Gadchiroli.
Bachelor of Fashion Design
Semester - II
APPAREL CONSTRUCTION BASICS – II
(Core Course-I)

Theory: 80 Marks
Practical: 50 Marks
Sessional: 20 Marks

OBJECTIVES:

1. To impart knowledge and skills required for apparel construction.
2. To understand the making of garment

UNIT-I:

- 1.1 Classification of hand stitches – Temporary and Permanent
- 1.2 Types of seams
- 1.3 Types of seam finishes

UNIT – II:

- 2.1 Shaping devices: Darts and its types, tucks and its types, pleats and its types, types of ruffles, frills and gathers.

UNIT – III:

- 3.1 Neckline finishes
- 3.2 Plackets

3.3 Types of buttons and button hole

3.4 Types of zipper & fasteners.

UNIT – IV:

4.1 Types of yokes

4.2 Drafting and construction of dartless bodice with stand collar, basic sleeve and yoke.

PRACTICAL WORK:

1. Prepare sample (ready size – 8” x 8”) of work mentioned from Unit-I to Unit – III.
2. Prepare half size sample mentioned in Unit – IV.

EVALUATION OF PRACTICAL WORK:

1. Sample – I [above mentioned] = 20 Marks)
2. Sample – II [above mentioned] = 30 Marks

SESSIONAL:

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

REFERENCES:

1. Garment Technology – Gerry Cooklin

2. Encyclopedia of Dress Making – R. Jewel
3. Pattern Cutting Made Easy – Gillian Holman
4. Sewing – Hilary More

Gondwana University, Gadchiroli.
Bachelor of Fashion Design
Semester - II
APPAREL DESIGN AND DEVELOPMENT – I
(Core Course-II)

Practical – 50 Marks
Term Work – 50 Marks

OBJECTIVES:

1. To develop the skill of construction of garment
2. To develop the sense of aesthetics of creativity in giving final shape to the fabric.

COURSE CONTENT:

1. Romper
2. Baba Suit
3. A-line frock
4. Gather waisted frock
5. Plain, belted, panel-belted salwar
6. Churidar – plain, box, belted
7. Aligarhipyjama

8. Kameez / Kurti

a) Plain

b) Darted

EVALUATION OF PRACTICAL EXAM:

Design, draft and construct any one garment from the syllabus.

Design - 10 Marks

Draft - 15 Marks

Accuracy of Details - 20 Marks

Construction - 30 Marks

TERM WORK:

Design, draft and construct all the garments mentioned in the syllabus.

REFERENCES:

1. Encyclopedia of Dress Making – R. Jewel
2. Tailoring & Cutting – Zarapkar
3. Singer Perfect Fit – Cowler Creative
4. Sewing – Hilary More

Gondwana University, Gadchiroli.

Bachelor of Fashion Design

Semester - II

TEXTILE SCIENCE - II

(Core Course-III)

Theory: 80 Marks

Practical: 50 Marks

Sessional: 20 Marks

OBJECTIVES:

1. To study manufacturing, construction, basic properties and end uses of fabric.
2. To study different types of fabrics and their end uses.

UNIT – I:

- 1.1 Loom
- 1.2 Classification of Loom
- 1.3 Motions of loom, primary, secondary, auxiliary.

UNIT – II:

- 2.1 Fabric weave, definition
- 2.2 Types of weave, plain, twill, satin, sateen
- 2.3 Design, draft and peg plan of above weaves
- 2.4 Study of following standard fabric (with reference to EPI, PPI, Warp count, weft count, width, blend percentage) like poplin, cambric, crepe, georgette, corduroy, silk, satin, denim, tissue, net, woolen, worsted fabrics.

UNIT – III:

3.1 Introduction to knitted fabrics

3.2 Introduction to non-woven fabrics

3.3 End uses of knitted and non-woven

UNIT – IV:

4.1 Yarn fineness

4.2 Definition of counts, New English, tex and denier system

4.4 Conversion of New English count to tex and denier and vice a versa

4.4 Introduction to fabric properties like handle, drape, stiffness, abrasion resistance, crease recovery, air permeability.

❖ PRACTICE WORK: -

1. Identification of textile fibers by various methods.
 - Micro scope test.
 - Burning test.
2. Study mechanism of handloom.
 - Parts of handloom
3. Study mechanism of power loom.
4. Analysis of fabrics. (Identification of different weaves)
5. Study flowchart of spinning system
 - Carded yarn
 - Combed yarn
6. Study flowchart of weaving systems.
7. Yarn count & calculations.

SESSIONAL:

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

REFERENCES:

1. Norma Hollen – Textiles
2. Wearing Vol. 1 & Vol. 2 – N. N. Banerjee
3. Knitting Technology – David J. Spencer
4. Knitting Technology – D. B. Asgaonkar
5. Understanding Textiles – Billie J. Collier, Phyllis G. Tortora