

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)

SEMESTER-1

Code No.	Subject	Marks	Time
BFAD-101	History of Indian Clothing	120+30*	3 hrs.
BFAD-102	Basic Sewing Techniques	120+30*	3 hrs.
BFAD-103	Introduction to Computer-I	120+30*	3 hrs.
BFAD-104	English	120+30*	3 hrs.
BFAD-105	Environment Studies	(80+20 [#])*	3 hrs.

Practical / Lab based Courses

BFAD-151	Basic Sewing Techniques	50	3 hrs.
BFAD-152	Pattern Making -I	50	3 hrs.
BFAD-153	Computer Lab-I	50	3 hrs.

TOTAL

850

* Internal Assesment

Project Work

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)

SEMESTER-1
HISTORY OF INDIAN CLOTHING
(THEORY)

Course Code: BFAD-101

Duration of exam: 3 hrs
M.M.: 150
Theory Exam: 120
Int. Assessment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-1

PART-I

Origin of Clothing:-

- Evolution of Dress
- Symbolical significance
- Art of weaving
- Functions of clothing

Unit-II

PART-I

Ancient Indian costumes:-

- Indus valley civilization
- Vedic age
- Middle ages
- Mauryan's influence
- Satavahanas
- Kushan's
- Gupta period
- Muslim Period
- Infiltration of western influence.

PART-II

- Traditional costumes of different regions of India

REFERENCES

Text books:

- Flynn, D. 1971. Costumes of India, New Delhi, Oxford and IBH Publishing Company
- Roshen Alkazi. Ancient Indian Costume

- P. Rambach and V Golich. The Golden Age of Indian Art
- J.Brij Bhusha. The Costumes and Textiles of Indian

Magazines/Journals:

- Apparel online.com
- Apparel View

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1
BASIC SEWING TECHNIQUES
(THEORY)

Course Code: BFAD-102

Duration of exam: 3 hrs
M.M.: 150
Theory Exam: 120
Int. Assessment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

- Introduction to sewing – history of sewing machine.
- Sewing machines – different types of sewing machines and their maintenance, common problems and their remedies, tools and equipments.
- Introduction to manufacture of sewing threads and their properties.
- Sewing techniques – Basic hand stitches – Basting, running, tacking, hand over- cast, hemming stitches- plain and blind, slip stitch, tailor's tack.
- Seams and seam finishes – definition, types of seams finishes and their applications.
- Fullness – darts, tucks, pleats, gathers – definition, terms, types and application
- Yokes--definition, purpose, with and without fullness, applications and construction.
- Sleeves – definition, terms and types
- Collars – definition, terms, types and styles.
- Different types of pockets.
- Different types of skirts.
- Fastners – definition, types, present trends.
- Finishes – neckline finishes – binding, facing.
- Plackets – definition, types of placket finishes.
- Different types of trimmings.

Unit-II

- Terminology – notches, grain, grain line, construction lines, center-front line , bias, true bias, bust line, waistline, seam line, seam, seam allowance, jog seams, dart points, direction of dart excess.
- Figure analysis-body ideals, body proportion, height and weight distribution, individual figure analysis.

- Anthropometric Measurements – Study of all body measurements for all age groups – infants, children, women and men; standards of body measurement, importance, standardization and size charts.
- Methods of garment construction – drafting, draping and flat pattern, principles, advantages and disadvantages.

REFERENCES

Text books:

- Thomas Anna Jacob: “The Art of Sewing”. New Delhi, USB Publisher Distributors Ltd. 1994.
- Reader’s Digest “Complete Guide to Sewing”, Reader Digest 1995.
- Verma G. “Cutting Theory”. Asian Publishers, Delhi. 1999.
- Sheri Doongaji. Basic Principles of Construction.
- Mc Calls’s. Mc Calls’s Sewing Book.
- Singer Sewing Essentials, Cowels Creative Publishing, Inc. 1996.
- Sewing Basics, Wendy Gardiner, Saly Milner publishing. 2003.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)

SEMESTER-1

INTRODUCTION TO COMPUTER-I
(THEORY)

Course Code: BFAD-103

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assessment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-1

Computer Fundamentals and DOS

- Introduction to computer
- Application of computer in the fashion/ textile/ graphic design etc.
- Difference between hardware and software
- Renaming file
- Activities file
- Booting
- Type of memory
- Understanding the term “Byte”

Introduction to DOS

- Difference between a ‘File and a ‘Directory’
- DOS commands: MD,CD,RD
- Copy con: DIR, COPY, REN, DEL, CLS
- Date, time, deltree, format, attrib

Unit-II

Windows Operating System

- Introduction to Windows
- Study of MS-Office
- MS-Word – detailed study
- MS-Power Point – detailed study
- MS-Excel – basic knowledge
- Windows explorer
- Paintbrush
- Notepad
- Difference between single tasking and multi tasking operating systems
- Advantages of windows over DOS

- Manipulating a windows opening, closing, moving, maximizing and minimizing a window
- Accessories Group: Clock, Calendar, Notepad and Calculator

REFERENCES

Text book:

- Microsoft Office 2000 Complete, BPB Publications.
- Sinha, Computer Fundamentals, BPB Publications, 2003

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1
ENGLISH
(THEORY)

Course Code: BFAD-104

Duration of exam: 3 hrs
M.M.: 150
Theory Exam: 120
Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

Communicative Grammar:

Part A: Spotting the errors pertaining to nouns, pronouns, adjective and adverbs; Concord - grammatical concord, notional concord and the principle of proximity between subject and verb.

Part B: Changing the voice: from Active to Passive and Passive to Active.

Lexis: Idioms and phrases; Words often confused; One-Word Substitutes; Formation of words (suffixes, prefixes and derivatives);

Oral Communication:

Part-A: Introduction to principal components of spoken English – Transcription, Word accent, Intonation, Weak forms in English

Part-B: Developing listening and speaking skills through various activities, such as (a) role play activities, (b) Practising short dialogues (c) Group discussion (d) Debates (e) Speeches (f) Listening to news bulletins (g) Viewing and reviewing T.V. programmes etc.

Unit-II

Written Communication: Developing reading and writing skills through such tasks/activities as developing outlines, key expressions, situations, slogan writing and theme building exercises, dialogue writing, interpreting pictures/cartoons.

(For Internal Evaluation Only):

Book Review – Herein the students will be required to read and submit a review of a book (Literary or non-literary) of their own choice. This will be followed by a presentation of the same in the class.

Technical Writing:

- (a) Business Letters, Format of Business letters and Business letter writing
- (b) E-mail writing
- (c) Reports, Types of Reports and Format of Formal Reports
- (d) Press Report Writing

REFERENCES

- *Language in Use (Upper intermediate Level)*, Adrian Doff Christopher Jones, Cambridge University Press
- *Common Errors in English*, Abul Hashem, Ramesh Publishing House, New Delhi.
- *Objective English*, Tata Mc. Graw Hill Publishing Company Ltd., New Delhi.
- *Spoken English for India*, R.K. Bansal & J.B. Harrison, Orient Longman, Delhi.
- *The sounds of English*, Veena Kumar, Makaav Educational Software, New Delhi.
- *English Phonetics & Phonology*, P. Roach, Cambridge University Press, London.
- *English for Engineers and Technologists: A Skill Approach*, Vol. 2, Orient Longman, Delhi.
- *Business Communication*, M.S. Ramesh and C.C. Pattanshetti, R.Chand and Company, Delhi
- *Group Discussion*, Sudha Publications/Ramesh Publishing House, New Delhi.
- *English Grammar & Composition*. By Rajinder Pal & Prem Lata Suri, Sultan Chand Pub. New Delhi.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1
ENVIRONMENT STUDIES
(THEORY)

Course Code: BFAD-105

Duration of exam: 3 hrs

M.M.: 100

Theory Exam: 80

Int. Assesment: 20

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

The Multidisciplinary nature of environmental studies

- Definition, scope and importance.
- Need for public awareness.

Natural Resources

Renewable and non-renewable resources:

- Natural resources and associated problems.
 - a. Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
 - b. Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
 - c. Mineral resources: Use and exploitation, environmental effects of extracting and mineral resources, case studies.
 - d. Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.
 - e. Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources. Case studies.
 - f. Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification.
- Role of an individual in conservation of natural resources.
- Equitable use of resources for sustainable lifestyles.

Ecosystems

- Concept of an ecosystem.
- Structure and function of an ecosystem.
- Producers, consumers and decomposers.

- Energy flow in the ecosystem.
- Ecological succession.
- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the following ecosystem :
 - Forest ecosystem
 - Grassland ecosystem
 - Desert ecosystem
 - Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries).

Biodiversity and its conservation

- Introduction – Definition: genetic, species and ecosystem diversity.
- Biogeographical classification of India.
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.
- Biodiversity at global, National and local levels.
- India as a mega-diversity nation.
- Hot-spots of biodiversity.
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India.
- Conservation of biodiversity: in-situ and ex-situ conservation of biodiversity.

Unit-II

Environmental Pollution

Definition

- Causes, effects and control measures of :
 - Air pollution
 - Water pollution
 - Soil pollution
 - Marine pollution
 - Noise pollution
 - Thermal pollution
 - Nuclear hazards
- Solid waste management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Pollution case studies.
- Disaster management: floods, earthquake, cyclone and landslides.

Social Issues and the Environment

- From unsustainable to sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns. Case studies.

- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.
- Wasteland reclamation.
- Consumerism and waste products.
- Environment Protection Act.
- Air (Prevention and Control of Pollution) Act.
- Water (Prevention and Control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Issues involved in enforcement of environmental legislation
- Public awareness.

Human Population and the Environment

- Population growth, variation among nations
- Population explosion – Family Welfare Programme
- Environment and human health.
- Human Rights.
- Value Education.
- HIV/AIDS
- Women and Child Welfare.
- Role of Information Technology in Environment and human health.
- Case Studies.

Field Work

- Visit to a local area to document environmental assets-river / forest / grassland / hill / mountain.
- Visit to a local polluted site – Urban / Rural / Industrial / Agricultural.
- Study of common plants, insects, birds.
- Study of simple ecosystems – pond, river, hill slopes, etc.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1
BASIC SEWING TECHNIQUES
(PRACTICAL)

Course Code: BFAD-151

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

Making samples of:-

- Basic hand stitches- basting, running, hemming, overcasting, herringbone, back stitch etc.
- Seams and seam finishes – plain, flat, run and fell, French, montuamaker's seam, counter hem' over lock, hand over cast, turned and stitched, binding.
- Fullness - darts, tucks, pleats, gathers, ruffles , frills
- Yokes - yoke with and without fullness
- Drafting & Construction of Collars– Stand and fall, peter-pan, shawl, sailor's, mandarin, cape.
- Pockets – Patch, welt, in-seam, bound, flap pocket, kurta pocket.
- Fasteners.
- Neckline Finishes- Facing, Binding.
- Plackets – Continuous, two piece placket, extended bodice.

REFERENCES

Text books:

- Armstrong, J.H. "Pattern making for fashion design" Pearson Education. 2001.
- Readers Digest Sewing book.
- Thomas Anna Jacob. "The art of sewing", USB publishers New Delhi, 1994.
- Verma, G. Cutting & Tailoring Theory", Asian publishers Delhi, 1999.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1
PATTERN MAKING-I
(PRACTICAL)

Course Code: BFAD-152

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- **The Workroom:- Pattern making tools, Industrial dress form, Pattern paper**
 1. Completing the pattern, pattern grain lines, balance line terms.
- **Figure analysis:- Standard ideal figure, Pattern industry standards, Individual figure analysis.**
- **Measuring techniques:-**
 1. Introduction ,Measurement charts, Tools for measuring process, Land mark terms
 2. Standard body measurements: - Child, Adult, Men and Women.
 3. Girth measurements, measuring the forms: - HBL, horizontal and vertical measurement, strap measurement.
- **Making Basic Body Slopers of children and adult :-**
 1. Bodice - Front / back.
 2. Skirt - Front / back.
 3. Sleeve
- **Making paper pattern of :-**
 1. Darts, notches, pleats.
 2. Gathers and tucks.
 3. Sleeves – Plain, puff, raglan, kimono, leg-o-mutton, bishop and bell sleeve.
- **Fitting the bodice, necklines, armhole and sleeve.**
- **Pattern making techniques :-**
 1. Design analysis and 3 major principles.
 2. Pattern making terms.
 3. Test - Fit

REFERENCES

Text books:

- Aldrich Winifred. Metric Pattern Cutting. Om Book Service. 1997.
- Armstrong H.J. Pattern Making for Fashion Design. Longman. 2003.
- Bray Natalia. More Dress Pattern Designing. Blackwell Science. 1999.
- Cooklin Gery. Pattern Cutting for Women's outer Wear. Blackwell Science. 2001.
- Cooklin Gery. Garment Technology for Fashion Designers. Blackwell Science. 1997.
- Kapoor Bela. Pattern Drafting and Making. Phoenix Publishing House Pvt.Ltd. 1999.

Magazines/Journals:

- Apparel online.com

- Apparel views
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KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1
COMPUTER LAB-I
(PRACTICAL)

Course Code: BFAD-153

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- How to operate windows
- Word processing software, preparation, saving and printing of text documents.
- Microsoft Office Word
- Microsoft Office Excel
- Microsoft Office PowerPoint
- Paint

REFERENCES:

Text books:

- Winfred Aldrich. CAD in Clothing and Textiles, Blackwell Science, 1994.
- Annual World, Computer in the World of Textiles Institute, UK

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)

SEMESTER-1I

Code No.	Subject	Marks	Time
BFAD-121	Textile Science	120+30*	3 hrs.
BFAD-122	Traditional Indian Embroideries & Textiles	120+30*	3 hrs.
BFAD-123	Elements & Principles of Design	120+30*	3 hrs.
BFAD-124	Garment Construction	120+30*	3 hrs.

Practical / Lab based Courses

BFAD-171	Textile Testing	50	3 hrs.
BFAD-172	Computer Lab	50	3 hrs.
BFAD-173	Children's Clothing	50	3 hrs.
BFAD-174	Elements & Principles of Design	50	3 hrs.

TOTAL

800

* Internal Assessment

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1I
TEXTILE SCIENCE
(THEORY)

Course Code: BFAD-121

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit – I

- Introduction to textile fibers, classification of fibers based on sources and origin, basic textile terminology.
- Primary and secondary properties of various fibers.
- Sequence of operations & purposes of short/long staple yarn manufacturing process, introduction & objectives of opening & cleaning, carding, combing, drawing, roving and spinning.
- Different methods and types of spinning.

- Introduction, Manufacturing & Properties of different natural and man-made fibers:- Cotton, Wool, silk, rayon, acetate and triacetate, polyamide (Nylon-6, nylon- 6.6) acrylics, modacrylic, elastomeric fibre.

Unit – II

- Classification of Yarns: Carded and Combed yarns, woollen & worsted yarns, filament and spun yarns.
- Yarn Properties – linear density, size, twist in yarn, crimp twist direction, strength and uniformity.
- Textured yarns – types and application, Fancy Yarns – types and uses.
- Physical properties of Fabric – strength, abrasion resistance, crease recovery, stiffness, drapability, static charge, thermal conductivity, air permeability, water repellency, thickness, shrink resistance, pilling resistance.
- Methods of determining the physical properties and interpretation of test results.

Note: Use simple methods only.

- Fiber identification – visual, burning, microscopic and solubility test.
- Fibre blends analysis.
- Measurement and interpretation of yarn count, direct and indirect yarn.
- Identification of type of yarn.
- Evaluation of thread count and dimensional stability of fabric.
- Evaluation of color fastness to washing and ironing.
- Evaluation of crimp and twist in yarn.

REFERENCES

Text books:

- Vilensky. "Textile Science", CBS publisher, New Delhi, 1999.
- Grosicki, Z. "Watson's Textile Design and Color" Blackwell Science, U.K., 1998.
- Mishra, S.P. "A text book of fiber science and technology, New Age Intt., Delhi 2000.
- Goswami, B.C. "Textile Yarns", Technology, structure and applications", Mc graw Hill.
- Pizzoto's J.J. "Fabric Science", Fairchild Publication, New York.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1I
TRADITIONAL INDIAN EMBROIDERIES AND TEXTILES
(THEORY)

Course Code: BFAD-122

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

- Traditional and commercial embroideries of different region of India:- Kutch, Kathiawar, Phulkari, Sindhi, Kantha, Kausuti, Chamba rumal, Kashida, Manipuri, Chikankari and Zardozi with their commercial importance.

Unit-II

- Traditional woven textiles of India: Dacca muslin and Jamdani, Baluchari, Pochampalli, Patola and Ikat, Kanchipuram sarees, Chanderi sarees, Maheswari sarees, Vichitrapuri sarees and Brocades, Woven shawls of Kashmir, Himachal Pradesh and North Eastern States.
- Printed and Painted textiles:- Block printed textiles, Tie and dyed textiles, Kalamkari and Madhubani.

REFERENCES

- Pandit, S. 1976. Indian Embroidery: Its Variegated Charms. Baroda.
- Mehta, R.J. 1970. Masterpieces of Indian Textiles. Bombay, D.B. Taraporevala Sons and Co. Pvt. Ltd.
- Gillow. Indian Textiles.
- Lehri, R.M. Indian Embroideries.
- Ghosh. Ikat Textiles of India
- Shailza, D. Naik. Traditional Embroideries of India

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1I
ELEMENTS & PRINCIPLES OF DESIGN
(THEORY)

Course Code: BFAD-123

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-1

- Elements of Design: - Line, shape, texture, color, pattern.
- Line Art: - Diagonal, horizontal, vertical, stripes & checks.
- Principles of Design: - Harmony, Rhythm, Balance, Proportion, Emphasis

Unit-II

- Colour: Light and colour phenomenon, colour theories as light pigment or Brewster Colour theory, psychological effect of colour, classification of colour.
- Colour Wheel: - Tints and shades, value, hue, intensity, saturation.
- Colour schemes and application of colour combination in designing of clothing or fabric.

REFERENCES

Text books:

- David Hornig. Colour–A workshop for Artists and Designers. Laurence King Publishing. 2005.
- Hideaki Chijiwa. Color Harmony. Rockport Publishers.1992.
- Mary Ganthe. Fashion and Color. Rockport Publishers. 1992.
- Sawahata Lesa. Color Harmony Workbook. Rockport Publishers. 2001.
- Sumathi, G.J. Elements of Fashion and Apparel Design. New Age International Publishers. 2002.
- Tatham Caroline and Seaman Julian. Fashion Design Drawing Course, Thames and Hudson. 2003.

Magazines/Journals:

- Apparel online.com
- Apparel views

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KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1I
GARMENT CONSTRUCTION
(THEORY)

Course Code: BFAD-124

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit – I

- Fabric Preparation.
- Handling special fabrics.
- Suitability of different fabrics for different garments.
- Principles of fitting, factors to be considered while fitting, common fitting problems, remedying fitting defects.

Unit – II

- Terminology related to skirts, trousers, collars, sleeves.
- Lining, interlining, facing & interfacing.
- Clothing for different age groups.
- Clothing for different occasions.
- Fabric estimation and its importance.

REFERENCES

Text books:

- Carp and Latham. The Technology of Clothing Manufacture.
- Greff and Strom. Concepts of Clothing.
- Thomas Anna Jacob: “The Art of Sewing”. New Delhi, USB Publisher Distributors Ltd.1994.
- Reader’s Digest “Complete Guide to Sewing”.1995.
- Cooklin Grey. Garment Technology for Fashion Designer, Blackwell Science. 1997.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1I
TEXTILE TESTING
(PRACTICAL)

Course Code: BFAD-171

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

Note: Use simple methods only.

- Fiber identification – visual, burning, microscopic and solubility test.
- Yarn tests : -
 1. Ply and filaments
 2. Yarn count
 3. Crimp
 4. Twist
 5. Tenacity and elongation
- Fabric dimensions :-
 1. Width
 2. Fabric Count
 3. Thickness
 4. Weight
- Fabric wearing qualities :-
 1. Abrasion
 2. Stiffness
 3. Drape
 4. Breaking strength and elongation
 5. Bursting and tearing strength
 6. Shrinkage
- Colour Fastness to :-
 1. Sun light
 2. Laundering
 3. Crocking/rubbing
 4. Perspiration

REFERENCES

Text books:

- Angappan, P. and Gopalakrishnan, R. 2002. Textile Testing. Eroad, Tamilnadu, S.S.M. Institute of Textile Technology.
- Booth, J. E. 1974. Principles of Textile Testing. 1st ed. New Delhi, CBS Publishers & Distributors.
- ISI Handbook of Textile Testing. 1982. New Delhi, Indian Standards Institution.
- Vilensky, "Textile Science", CBS publisher, New Delhi, 1999.

- Mishra S.P. "A text book of fiber science and technology, New Age Intt., Delhi 2000.
- Pizzoto's J.J. "Fabric Science", Fairchild Publication, New York.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1I
COMPUTER LAB
(PRACTICAL)

Course Code: BFAD-172

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

Experiment-I

Introduction to Photoshop

- Interface
- Tool box and Palettes
- Layers, File types and Resolution

Experiment-II

Enhancing Image

- Color Balance, Cropping and Cloning Stamp
- Brightness, Hue, Blur, Burn etc

Experiment-III

Blending Images

- Selection Tools
- Transform

Experiment-IV

Special Effect

- Filter
- Layer Style
- Opacity

Experiment-V

Drawing Tools

- Color Selection, Gradients
- Type Tool, Paint Tools
- Vector shapes

- Importing graphics files from Corel Draw

Experiment-VI

Introduction to Corel Draw

- Difference Between Corel and Paintbrush
- Difference between vector and bitmap image
- Overview of Corel Draw

Experiment-VII

Working with Corel Draw

- Opening a new graphics
- Modifying existing graphics
- Saving a file

Experiment-IX

Introduction to drawing tools

- Use of freehand and Bezier tools
- Use of square, polygon tools
- Use of pencil tool to draw straight lines
- Understanding about open and closed shapes

Experiment-X

Changing attributes of graphical objects i.e. fill and outline color and style

- File menu
- Working with text
- Creating special effects
- Working with objects
- Create symbols and patterns
- Shortcut keys
- Assignments-working on designing care labels, tags, logos, letterheads, visiting cards etc

Experiment-XI

Page Maker

REFERENCES

- Rebecca Bridges Altman, Rich Ailman, Mastering page maker 6 for Windows 95

- Rick Altman, Corel Draw 9

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1I
CHILDREN'S CLOTHING
(PRACTICAL)

Course Code: BFAD-173

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- Drafting and construction of Layette set :-
 1. Bib, Diaper, Panty, Bloomer, Jhabla.
- Making samples of :-
 1. Skirt and its variations.
- Construction of :-
 1. Dress for casual wear.
 2. Dress for formal wear.
 3. Dress for night wear.

REFERENCES

- Thomas Anna Jacob, "The art of sewing". New Delhi, USB Publishers. 1994.
- Readers Digest Sewing book.
- Verma, G. Cutting & Tailoring Theory", Delhi, Asian Publishers. 1999.
- Cooklin, G. Garment Technology for Fashion Designers" Blackwell Publishing. 1977.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-1I
ELEMENTS & PRINCIPLES OF DESIGN
(PRACTICAL)

Course Code: BFAD-174

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- Study about the different art materials and their uses.
- Lines – effect of lines, optical illusion with lines, regular & irregular lines.
- Shapes - classification, types, composition of different shapes.
- Forms - silhouettes and its types.
- Colour- colour wheel, tints and shades, colour schemes.
- Texture- formation of texture by different methods:- impression method, thread rolling, spray method.
- Principles of design and their applications.
- Formation of any three designs by using elements and principles of design.
- Enlargement and reduction of design motifs.
- Patterns – geometrical, floral, abstract, nursery prints etc.

REFERENCES

Text books:

- David Hornig. Colour–A workshop for Artists and Designers, Laurence king publishing, 2005.
- Hideaki Chijiwa. Color Harmony, Rockport Publishers. 1992.
- Mary Ganthe. Fashion and color, Rockport Publishers. 1992.
- Sawahata Lesa. Color Harmony Workbook, Rockport Publishers. 2001.
- Sumathi G.J. Elements of fashion and Apparel Design, New Age International Publishers. 2002.
- Tatham Caroline and Seaman Julian. Fashion Design Drawing Course, Thames and Hudson. 2003.

Magazines/Journals:

- Apparel online.com
- Apparel views

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-III

Code No.	Subject	Marks	Time
BFAD-201	Apparel Production Technology-I	120+30*	3 hrs.
BFAD-202	Fundamentals of Fabric Production	120+30*	3 hrs.
BFAD-203	Applied Maths	120+30*	3 hrs.

Practical / Lab based Courses

BFAD-251	Pattern Making-II	50	3 hrs.
BFAD-252	Fabric Production Techniques	50	3 hrs.
BFAD-253	Women's Clothing	50	3 hrs.
BFAD-254	CAD-I	50	3 hrs.
BFAD-255	Fashion Illustration	50	3 hrs.

TOTAL

700

* Internal Assesment

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)

SEMESTER-III

APPAREL PRODUCTION TECHNOLOGY-I
(THEORY)

Course Code: BFAD-201

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

- Back ground to the Clothing Industry, Its contribution to economy of country; The Products; Types of cloth factories.
- The organization of a clothing factory:-Planning and control.
- The Stores: - The material in stores, Quality checking and Storage of material.
- Cutting:- Maker planning & reproducing; Maximizing maker utilization; Methods of maker planning; Lay Planning; Requirements for Spreading process; Ply direction & lay stability.
- Elimination of Fabric faults; Methods of spreading; Types of fabric packages,
- Cutting the Fabric – objectives of cutting; Methods of cutting:- Hand shears, Straight knife, Round knife, Band knife, Computer controller cutting knife, Die cutting, Laser cutting, Plasma cutting, Water jet cutting, Ultrasonic cutting, Notches, Drill & thread maker.

Unit-II

- Preparation of cut work for the sewing room:- Bundling, Shade separation control, Indication of right side of Fabrics, Work ticking
- Sewing – seams types,Class-1- superimposed,Class-2- lapped seam,Class-3- Bound seam, Class-4- Flat seam, Class-5- Decorative stitching, Class-6- Edge neatening.
- Visit to cutting department in a garment Industry
- Assignment Literature survey about garment Industry in India.

REFERENCES

- Carr & Latham. (IV ED.). Technology of Clothing Manufacture.
- Gerry Conklin. (II ED.). Introduction to Clothing Manufacture.

BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-III
FUNDAMENTALS OF FABRIC PRODUCTION
(THEORY)

Course Code: BFAD-202

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

Fabric formation:-

- Different methods of fabric formation and terminologies.
- Weaving: - Parts of loom and their functions, main operations in weaving shuttle less looms.
- Graphical representation of weaves: - drafting plan, lifting plan and repeat of the weave.
- Basic weaves: - Plain, Twill, Satin and their variations.
- Fancy weaves: - Dobby weave, jacquard weave, leno, extra yarn figuring, pile weave and its variations, double cloth.
- Non-woven's:- Classifications, production techniques and end uses.

Unit –II

Knitting:-

- Introduction to knitting technology, difference between knits and woven, terms used in knitting.
- Comparison of warp and weft knitting.
- Basic weft knit stitches: single jersey, rib, purl, interlock, float, and tuck stitches.
- Basic warp knit stitches: under-lap, overlap, closed-lap, open-lap.
- Knitting machines: flat, circular, jacquard, warp and weft knitting machines.
- Defects in knitted fabrics.
- Knitwear industry: origin, history, growth and development.

REFERENCES

Text books:

- Marks A.T.C & Robinson. Principles of weaving.
- Watson. Textile Color & Design.
- Banerjee, N.N. Weaving.
- Corbmen. Fibre to Fabric. Hollen, N. and Saddler, J. 1968. Textiles. New York, Macmilan Company.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-III
APPLIED MATHS
(THEORY)

Course Code: BFAD-203

Duration of exam: 3 hrs
M.M.: 150
Theory Exam: 120
Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

- Length, Breadth measurements, Area measurements.
- Rectangular Co- Ordinate, Distance Formula
- Number System, Linear Programming.
- Statistics- Mean, median, mode, combined mean and computation, linear programming.
- Definition of population, Variable, Attribute, Census survey, Sample survey, simple random sample, raw statistical data, collection, classification, frequency distribution, class limits and boundary, class width, midpoint, histogram, frequency polygon, frequency curve.
- Probability- Random-experiment, sample space, event, types of events, Venn diagram, definition, law of probability and examples.

Unit--II

- Sampling: types of sampling, selection of sample, benefits of sampling, evaluation of sample.
- Correlation – Karl Pearson’s co-efficient of correlation, coefficient of correlation and its interpretation, rank correlation, regression equations and predictions.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-III
PATTERN MAKING-II
(PRACTICAL)

Course Code: BFAD-251

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

- **Rules and Darts :-**

Principle 1- Dart manipulation by:- Slash & Spread technique, Pivotal transfer technique

1. Single dart series.
2. Two dart series.

Designing with Darts, Tucks, Pleats, and Gathers.

Style lines: - Classic princess lines, Armhole princess lines, Panel style lines.

Built-up necklines, Inset Bands.

Principle 2- Added fullness:- 3 types of added fullness.

Principle 3- Contouring patterns:- off-shoulder, halters, cowl.

- **Skirts :-**

4 skirts foundation:-

1. Basic – straight, rectangular.
2. A line.
3. Pegged / Inverted triangular.
4. Bell shaped.

High & low waist skirt; Flared, skirt with gathers, tier, pleated, godets, gored- skirt, wrap and uneven skirt.

- **The sheath dress (fitted silhouette one piece dress).**

REFERENCES

Text book:

- Aldrich Winifred, Metric Pattern Cutting, Om book service. 1997.
- Armstrong H.J, Pattern Making for Fashion Design, Longman. 2003.
- Bray Natalia, More Dress Pattern Designing, Blackwell Science. 1999.
- Cooklin Gery. Pattern Cutting for Women’s outer Wear, Blackwell Science. 2001.
- Cooklin Gery, Garment Technology for Fashion Designers, Blackwell Science,1997
- Kapoor Bela, Pattern Drafting and Making , Phoenix Publishing House Pvt.Ltd 199

Magazines/Journals:

- Apparel online.com
- Apparel views

SEMESTER-III
FABRIC PRODUCTION TECHNIQUES
(PRACTICAL)

Course Code: BFAD-252

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- Preparation of graphic representation of weaves.
- Making basic weave samples.
- Weaving of any two fancy weave samples.
- Preparation of woven article using more than one weaves.
- Development of fabric glossary
- Visit to Textile industry and knit wear industry in India.

REFERENCES

- Marks, A.T.C & Robinson. Principles of Weaving.
- Watson. Textile Color & Design.
- N.N.Banerjee. Weaving.
- Bernard P. Corbman. Fibre to Fabric.
- Hollen, N. and Saddler, J. 1968. Textiles. New York, Macmilan Company.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-III
WOMEN'S CLOTHING
(PRACTICAL)

Course Code: BFAD-253

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- **Drafting and construction of:-**
 - (1) Blouse and its variation;
 - Katori cut
 - Choli cut
 - Princes line
 - (2) 6 – Gore saree peticot.
 - (3) Salwar – Kameez: Simple & Chudidar.
 - (4) Night wear.
 - (5) The sheath (one piece dress).

REFERENCES

Text books:

- Carr and Lather. The technology of clothing manufacture.
- Bains, S. and Hutton, J. Singer Sewing Book.
- Gioello and Brake. Figure types and size ranges.
- Aldrich Winifred. Metric pattern cutting. Om book services.1997.
- Armstrong II. J. Pattern making for fashion design. Longman. 2003.
- Bray Natalia. More dress pattern designing. Blackwell science. 2001.
- Cooklin Grey. Pattern making for women's outer wear. Blackwell sciences,1997

Magazines and journals:

- Apparel online.com

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-III
CAD-I
(PRACTICAL)

Course Code: BFAD-254

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

- Introduction to Adobe Illustrator.
- Study about tools of Adobe Illustrator.
- Color and motif: - traditional, floral and geometric.
- Figure and profile: profile of male and female silhouettes.
- Accessories: party, casual and formal.
- Project board:- logo, label, brochure and window display

REFERENCES

Text books:

- Bina Abling. Fashion Sketch Book. Fairchild Publications. 1994.
- Druid Elisabeth and Pace Tiziana. Figure Drawing for Fashion Design. Peplin Press.2004
- Ireland Patrick John. Fashion Design Drawing and Presentation. Batsford. 2005.
- Mckelvy Kathrynand Munslow Janine. Illustrating Fashion. Blackwell Publishing. 2004.
- Books on Adobe Illustrator Software.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-III
FASHION ILLUSTRATION
(PRACTICAL)

Course Code: BFAD-255

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- Basic tools required for sketching:- Understanding fashion figure, Road map grid, 8 head croque, 10 head croque (male/female)
- Figure analysis:- Front profile, ¾ turned view, Understanding style lines in fashion figure
- Analysis of features:- Eyes, Nose, Lips.
- Analysis of different hairstyles.
- Analysis of hands:- Front, Profile, ¾ turned view.
- Analysis of feet: - Front, Profile, ¾ turned view.
- Analysis of face: - Front, Profile, ¾ turned view.
- Basic free hand drawing.
- Pencil shading technique.

REFERENCES

Text books:

- Bina Abling. Fashion Sketch Book. Fairchild Publications.1994.
- Druid Elisabeth and Pace Tiziana. Figure Drawing for Fashion Design. Peplin Press.2004
- Ireland Patrick John. Fashion Design Drawing and Presentation. Batsford. 2005.
- Mckelvy Kathrynand Munslow Janine. Illustrating Fashion, Blackwell Publishing. 2004.
- Ray Smith. Drawing Figures. Dorling Kindersley. 1994.

SEMESTER-IV

Code No.	Subject	Marks	Time
BFAD-221	Fashion Marketing & Merchandising	120+30*	3 hrs.
BFAD-222	Textile Dyeing & Printing	120+30*	3 hrs.

Practical / Lab based Courses

BFAD-271	Fashion Illustration & Stylization	50	3 hrs.
BFAD-272	Pattern Making-III	50	3 hrs.
BFAD-273	Men's Clothing	50	3 hrs.
BFAD-274	Dyeing & Printing	50	3 hrs.
BFAD-275	Draping	50	3 hrs.

TOTAL

550

* Internal Assesment

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-IV
FASHION MARKETING AND MERCHANDISING
(THEORY)

Course Code: BFAD-221

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

PART 1

Introduction to fashion

- Fashion terminology
- Sources of fashion
- Fashion cycles and seasons
- Factors favouring and retarding fashion
- Fashion theories:- Traditional fashion adoption (Trickle-Down theory), Reverse adoption (Trickle-Up or Bottom-Up theories), Mass dissemination (Trickle-Across theory)
- Fashion forecasting.

PART 2

- Marketing: Definition, concepts and functions.
- Marketing plan and process, market terminology,
- Fashion market and marketing environment, fashion marketing planning, Market research, User's buying behavior, market communication.
- Channels of distribution
- Advertising, sales promotion techniques, exhibitions and sales.
- Care labels and brands

Unit-II

- Merchandising-“Introduction, role of merchandiser, types of merchandiser, types of merchandising”.
- Importance of textile industry in Indian economy.
- Export documentation:-Export marketing, global scenario and WTO.
- Export and textile policies.

REFERENCES

Text books:

- Blythe Jim. Marketing Communication, Pearson Education. 2000.
- Costabino Maria. Fashion Marketing and PR. Bt Batsford Ltd. 1998.
- Koiter. Marketing Management. Pearson Education. 2003.
- Mike Easey. Fashion Marketing. Blackwell Science. 2002.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-IV
TEXTILE DYEING AND PRINTING
(THEORY)

Course Code: BFAD-222

Duration of exam: 3 hrs
M.M.: 150
Theory Exam: 120
Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

- **Introduction to Fabric finishes:-**
 1. Process of removing impurities from fabrics; Scouring, desizing, degumming, carbonizing.
 2. Basic finishes that alter hand or texture; Felting, singeing, stiffening, decatizing.
 3. Surface finishes:- Bleaching, delustering, calandring, beetling, napping, flocking, burn out design, acid design, plisse design, tentering shearing and brushing.
 4. Functional finishes:- Waterproof and water repellent finishes, shrinkage control, wrinkle resistance, durable press and flame retardant finish.
- **Dyeing:-** Introduction, classification and selection of dyes.
 1. Types of dyes; direct, acid, reactive, basic, vat, azoic, sulphur, disperse and mordant dyes.
 2. Methods of dyeing.
 3. Identifying dyeing defects.
 4. Colorfastness: fastness to washing, light, perspiration, crocking and gas-fading.

Unit –II

- Introduction to printing, difference between dyeing and printing.
- Methods of printing:- Direct, Discharge and Resist printings.

- Applications of Printing:-Block, Roller, Duplex, Stencil, Screen printing (Flat screen, Rotary screen printing), Transfer (Dry heat and Wet heat transfer), Blotch, Jet spray (Polychromatic dyeing, Microjet), Electrostatic, Photo, Warp, Batik and Tie – Dyeing.

REFERENCES

Text books:

- Clarke. W. 1974. An Introduction to Textile Printing. London, Newness Butter Worth.
- Anderson, F. 1974. Tie-dyeing and Batik. London, Octopus Editorial Production by Berkeley Publishers Ltd.
- Smith, J.L. Textile Processing: Printing, Finishing, Dyeing.
- H.Panda. Modern Technology of Textile: Dyes & Pigments.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-IV
FASHION ILLUSTRATION AND STYLIZATION
(PRACTICAL)

Course Code: BFAD-271

Duration of exam: 3 hrs

M.M.: 50
Practical Exam: 50

Unit-1

- Creation of 12 head croquies (male/female)
- Creation of stick figures and fleshing out figures. (male/female)
- Different body poses (male/female)
- Drawing with color mediums directly (without the use of pencil)
 1. Water color
 2. Steadlers
 3. Crayons

Unit-II

- Exploring Collage
- Composition of figures (male/ female)
- Sketching Accessories
 1. Hats, Caps
 2. Scarves
 3. Bags, Belts
- Stylized figures (male/female)
- Age wise figure development of children

REFERENCES

Text books:

- Borelli Laird. Fashion Illustration Now. Thomas and Hudson Publishers. 2003.
- Druid Elisabeth and Pace Tiziana. Figure Drawing for Fashion Design. Peplin Press. 2004.
- Ireland Patrick John. Fashion Design Drawing and Presentation. Bats ford. 2005.
- Seaman Julian. Foundation in Fashion Designing and Illustration. BT. Bats ford. 2004.

Magazines/ Journals:

- Global Apparel
- Image Business of Fashion.
- INDIA Vogue/INTERNATIONAL VOGUE
- Fashion ELLE
- In touch with fashion
- Gladrags
- Hi-blitz

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-IV
PATTERN MAKING- III
(PRACTICAL)

Course Code: BFAD-272

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

- **Making paper patterns of:-**
 1. Shirts.
 2. Jackets.
 3. Coats
 4. Pants/ Trousers.
 5. Capes and Hoods
 6. Preparation of commercial paper pattern of :-
 - Kids wear.
 - Women's wear.
 - Men's wear

REFERENCES

Text books:

- Aldrich Winifred. Metric Pattern Cutting (Men's), Om Book Services. 1997.
- Armstrong H.J. Pattern Making for Fashion Design. Longman. 2003.
- Bray Natalia. More Dress Pattern Designing. Blackwell Science. 1999.
- Cooklin Gery. Pattern Cutting for Women's Outer wear. Blackwell Science. 2001.
- Cooklin Gery. Garment Technology for Fashion Designers. Blackwell. 1997.
- Kapoor Bela. Pattern Drafting and Making UP, Phoenix Publishing House Pvt Ltd. 1997.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-IV
MEN'S CLOTHING
(PRACTICAL)

Course Code: BFAD-273

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

- **Development of design and style features for men's dress:-**
 1. Shorts
 2. Shirts
 3. Trousers (casual/formal)
 4. Suits (casual/formal)
- **Construction of following garments:-**
 1. Kurta Pyjama
 2. Shirt with and without yoke
 3. Jacket

REFERENCES

Text books:

- Bowers Lewis and Kettunen. Clothing Construction and Wardrobe Planning.
- Carr and Lather. The Technology of Clothing Manufacture.
- S. Baines and J.Hutton. Singer Sewing Book.
- Gioello and Brake. Figure Types and Size Ranges.
- Aldrich Winifred. Metric Pattern Cutting. Om Book Services. 1997.
- Armstrong H.J. Pattern Making for Fashion Design. Longman. 2003.
- Bray Natalia. More Dress Pattern Designing. Blackwell Science. 1999.
- Cooklin Grey. Pattern Cutting for Women's Outer wear. Blackwell Science. 2001.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-IV
DYEING AND PRINTING
(PRACTICAL)

Course Code: BFAD-274

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

- Dyeing of yarn and fabrics with different dyes.
- Creating designs on fabrics through various dyeing process.: -Tie and dye, Batik
- Preparation of printing samples:-Stencil, block, screen and hand painting on:- cotton, silk, wool, cotton-wool, cotton-silk, cotton-polyester with different dye classes.
- Making one article each of:- Block, Stencil, Screen, Tie and Dye and Batik.
- Visit to a printing unit.

REFERENCES

Text books:

- Bernard P. Corbman. Fibre to Fabric.
- Clarke. W. 1974. An Introduction to Textile Printing. London, Newness Butter Worth.
- Anderson, F. 1974. Tie-dyeing and Batik. London, Octopus Editorial Production by Berkeley Publishers Ltd.
- Smith, J.L. Textile Processing: Printing, Finishing, Dyeing.
- H.Panda. Modern Technology of Textile: Dyes & Pigments.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-IV
DRAPING
(PRACTICAL)

Course Code: BFAD-275

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

- Draping:- definition, terminology, principles of draping, preparation and uses, measurement and tools used in draping.

- Basic Draping techniques: - front & back bodice, front & back skirt.
- Dart location and manipulation.
- Designing the garment using the following construction features :-
 1. Gathers.
 2. Pleats.
 3. Cowl & fancy necklines.
 4. Collars.
- Designing and construction of following garments using different construction and decorative features :-
 1. Shirt/ Top (female / male)
 2. Skirt.
 3. Gown.
- Preparation of one dress using draping techniques

REFERENCES

Text books:

- Bowers Lewis and Kettunen. Clothing Construction and Wardrobe Planning.
- Carr and Lather. The Technology of Clothing Manufacture.
- Baines, S. and Hutton, J. Singer Sewing Book.
- Gioello and Brake, Figure Types and Size Ranges.
- Aldrich Winifred. Metric Pattern Cutting. Om Book Services.1997.
- Armstrong H.J. Pattern Making for Fashion Design. Longman. 2003.
- Bray Natalia. More Dress Pattern Designing. Blackwell Science. 1999.

KURUKSHETRA UNIVERSITY KURUKSHETRA **BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)**

SEMESTER-V

Code No.	Subject	Marks	Time
BFAD-301	World Costumes	120+30*	3 hrs.
BFAD-302	Retailing & Fashion Promotion	120+30*	3 hrs.

Practical / Lab based Courses

BFAD-351	Grading	50	3 hrs.
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BFAD-352	Textile Designing	50	3 hrs.
BFAD-353	Color & Texture	50	3 hrs.
BFAD-354	Traditional Indian Embroideries	50	3 hrs.
BFAD-355	CAD-II	50	3 hrs.

TOTAL

550

* Internal Assessment

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-V
WORLD COSTUMES
(THEORY)

Course Code: BFAD-301

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q. No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

- To understand the characteristics of the costumes of various parts of the world like: Egypt, Crete & Greece, Rome.
- To study the changes happened in clothing style of
 1. Ancient Egypt.
 2. Germanic (Pre-history & early times)
 3. Ancient Greece
 4. Ancient Rome.
 5. Byzantine – middle age.
 6. Romanesque.
 7. Gothic.

Unit-II

- Modern age:-
 1. Renaissance - Renaissance fashion
Spanish fashion.
Netherlands fashion.
- Recent Times:-
 1. Neoclassicism - English fashion.
Director & Empire.
Biedermeier.
 2. Romanticism - Neo – Rococo.
The Victorian Era.
 3. Art Nouveau - Belle Époque.
Reform - Art Nouveau.
- Present Day :- 20th century
 1. The Twenties.
 2. The Thirties.
 3. The Forties.
 4. The Fifties.
 5. The sixties.
 6. The seventies.
 7. The eighties.
 8. The nineties.
- Theme Presentation.

REFERENCES

Text books:

- Phyllis Tortora Keith Eu Bank. Survey of Historic costumes.
- Laver James, Thames and Hudson. Costume and Fashion-A Concise History, 2002.
- Payne. History of Costume.
- Cassin Scott Jack. The Illustrated Encyclopedia of Costume and Fashion from 1066 to Present. Brockhampton Press, 1997.
- Cuming Valerie and Ribeiro Aileen. The Visual History of Costume, Batsford, 2002.

- Walter Huchinson. Costumes of World (Vol. II).

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-V

RETAILING AND FASHION PROMOTION
(THEORY)

Course Code: BFAD-302

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q. No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

- **Retailing**
 1. Introduction to fashion retailing:-fashion retailing in the past and its changing dimensions

2. Types of retailers and ownerships: - specialty stores, department stores, mass stores, promotional stores, multiple-unit store (chain, department store group), retail organization (small and large store), discount retailing, mail order houses.
3. Elements of retail mix
4. Retail strategies:- value directed retailing, service oriented retailing, unique merchandising, shopping as entertainment, main street retailing, global expansion
5. Retail pricing:- role of price decision within marketing strategies, external and internal factors influencing price decision, main methods of setting prices, pricing strategies for new products, price changes.
6. Record keeping: - unit control, inventory and physical control.

Unit -II

- **Fashion promotion**
 1. Planning and direction
 2. Fashion advertising :- kinds of advertising, co-operative advertising, scheduling and planning, media
 3. Publicity: - campaigning, special events and fashion shows.
- **Visual merchandising**
 1. Store planning and design.
 2. Windows & interiors,
 3. Elements of visual merchandising.
 4. Departments and evaluations.

REFERENCES

Text books:

- Frings, Gini Stephens. Fashion: from concept to consumer. Pearson publication, 6th edition.
- Ellen diamond. Fashion retailing. Pearson publication, 2nd edition.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-V
GRADING
(PRACTICAL)

Course Code: BFAD-351

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

- Pattern Grading Fundamentals: Introduction, Pattern terminology, Grading terminology, Grade distribution
- Grading on the Cartesian Graph: The Cartesian graph, Cardinal points, Pattern orientation, developing grade rules.
- Methods of grading: Manual, machine and computer grading.

- Grading for the Basic Pattern Blocks: Grading procedures; bodice front, bodice back with shoulder dart, sleeve, skirt front and back, pant front and back
- Grading various style patterns: Princess line bodice, circular skirt full roll collar etc.
- Grading with specification chart

REFERENCES

Text books:

- Cooklin G. Pattern grading for women's clothes. Blackwell Scientific Publications, London
- Price. J. & Zamkoff, B. Grading techniques for modern designs. Fairchild publications New York.
- Scheier, M. The ABC's of grading. Bronville New York.
- Goulbourn Margaritha. "Introducing Pattern Cutting, Grading and Modelling", Batsford Pub. UK.
- Shoben Maartin. "Grading", Batsford Pub. UK.
- Price Jeanneand Zamkoff Bernard. "Grading Techniques for Modren Design", Fair child Pub.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-V
TEXTILE DESIGNING
(PRACTICAL)

Course Code: BFAD-352

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- Role of Textile Designer
- Types of Printed textile Designs: Motifs, styles and layouts; one way, two way, four way and tossed.
- Design development by manipulating motif and its components: Spot designs. Border designs, all over designs and pallove designs.
- Textile designs from different parts of the world: Indian, oriental African, American, European, Persian etc.
- Stylization of motifs from nature; floral, animal, marine etc.
- Different layout techniques for repeats: for border patterns and all over patterns
- Experiments with colour combinations and colour ways
- Rendering techniques: Swatch collection and development of designs from swatches
- Theme based design development: for men, women's and kid's wear (selection of motif, arrangement of motifs, swatch preparation and illustration of design on croque)
- Development of designs for block, screen, yarn dyed and jacquard designs

REFERENCES

Text books:

- A handbook of Designers, Mary Paul Yates .W.W.Norton and Co
- African Printed Textile Designs. Diana V., Horne Stemmer House
- Textiles: A Handbook for Designers. Mary Paul Yates. W.W. Norton and Co.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-V
COLOUR & TEXTURE
(PRACTICAL)

Course Code: BFAD-353

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

- Introduction :- Basic Rendering techniques;
 1. Patterns:- Stripes, checks, Prints, texture.
- Rendering material / texture:-
 1. Denim,
 2. Felt,
 3. Gauze,

4. Net,
 5. Velvet,
 6. Knits,
 7. Fur,
 8. Silk,
 9. Wool.
- Rendering Garments (2D & 3D) :-
 1. Garment details;- gathers, folds, pleats, tuks.
 2. Draping garments
 3. Women's wear;- Trousers, Dress, Salwar- kameez, Coats & Jackets, Sari
 4. Men's wear;- Shirt, Trouser, Coat & blazer.
 5. Children's wear
 - Accessories :- To be prepared in collage form:-
 1. Hats
 2. Scarves
 3. Bags
 4. Belts
 5. Shoes
 6. Gloves
 7. Sunglasses
 - Jewellery (basic drawing & rendering):-
 1. Necklace
 2. Ear rings
 3. Nose ring
 4. Armlet
 5. Finger ring

REFERENCES

Text books:

- Bina Abling, Fashion Sketch Book, Fairchild publications.
- Seaman Julian. Foundation in Fashion Designing and Illustration, BT Batsford. 2001.
- Mary Ganthe. Fashion and Color, Rock port publishers.
- Sumathi G.J. Elements of Fashion and Apparel Design, New age International.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-V
TRADITIONAL INDIAN EMBROIDERIES
(PRACTICAL)

Course Code: BFAD-354

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- **Making samples of:-**
 1. Kantha of Bengal
 2. Phulkari of Punjab
 3. Kasuti of Karnataka
 4. Kasida of Kashmir
 5. Chamba Rumal of Himachal Pradesh
 6. Chikankari & zardozi of Uttar Pradesh
 7. Sindhi and Abla Bhart of Gujarat
 8. Appliqué work of Orissa
 9. Manipuri Embroidery

REFERENCES

Text books:

- Jasleen Dhamija. Hand Woven Fabrics of India. Mapin Publishing, Pvt Ltd, 1989.
- Savitri Pandit. Indian Embroideries.
- Kamala Devi Chattopadhyaya. Indian Embroideries. Wiley Eastern Ltd, New Delhi, 1977.
- Barbara Snooke B.T. Encyclopedia of Needle Work. Bate ford Ltd. Heartside Press.
- Pevell. Learning to Embroideries. Publications INC New York.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-V
CAD-II
(PRACTICAL)

Course Code: BFAD-355

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- Design & Repeat.
- Fabric design.
- Texture Mapping
- Color ways (color separation).
- Weave.
- Spec. Creation
- Story Boards.

REFERENCES

- Tutorials on Reach Fashion Studio, Reach CAD, Reach Style Manager.
- Beazley Alison and Bond Terry, Computer Aided Design and Product Development, Blackwell, 2003.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)

SEMESTER-VI

Code No.	Subject	Marks	Time
BFAD-321	Fashion Communication	120+30*	3 hrs.
BFAD-322	Entrepreneurship	120+30*	3 hrs.
BFAD-323	Apparel Production Technology-II	120+30*	3 hrs.

Practical / Lab based Courses

BFAD-371	Surface Ornamentation	50	3 hrs.
BFAD-372	Portfolio Development-1	50	3 hrs.
BFAD-373	Accessory Designing	50	3 hrs.
BFAD-374	Project Work	50	3 hrs.
BFAD-375	CAD-III	50	3 hrs.

TOTAL

700

* Internal Assessment

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VI
FASHION COMMUNICATION
(THEORY)

Course Code: BFAD-321

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit- I

- Understanding clothing:-Purpose of clothing.
 1. Protection of clothing
 2. Modesty
 3. Attraction and communication.
- Clothing culture & communication, men and women's clothing, role and status of clothing.
- Consumer behavior:-
 1. Factors influencing consumer buying behavior; - age, gender, balance, location, work, wealth, consumer profile, psychographic and motivation, other psychological approaches.

Unit-II

- PR and its importance in fashion:-
 1. Role of fashion PR
 2. PR method for fashion
 3. Event planning
 4. Wardrobe consultation
 5. Trend forecasting
- Organization of fashion shows:-
 1. Types of fashion shows
 2. Check points for fashion shows
 3. Fashion designers and their work
 4. National and international.
- PR in future.

REFERENCES

Text books:

- Blythe Jim. Marketing Communication. Pearson education. 2000.
- Boyd Jr Westfall Starch. Marketing Research. Text and cases.
- Costabtino Maria. Fashion Marketing and PR. Bt B Atsford ltd.1998.
- Koiter. Marketing Management. Pearson education. 2003.
- Mike Easey. Fashion Marketing, Blackwell Science. 2002.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VI
ENTREPRENEURSHIP
(THEORY)

Course Code: BFAD-322

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

- Introduction to entrepreneurship development and factors influencing entrepreneurship
- Entrepreneurial environment and its analysis
- Government policies for setting up new enterprises
- Opportunities in services service industries commercial banks and financial institutions
- Planning SSI
 1. Planning: its importance, types and steps of planning
 2. Steps of planning SSI
 3. Technical dimensions for setting up an enterprise

Unit-II

- Forms of business organizations
 1. Forms of ownership
 2. Sole proprietorship
 3. Partnership
 4. Co-operative society
 5. Joint-stock company
 6. Public and private limited companies
- Problems of small industry
 1. Power shortages
 2. Project planning
 3. Finance
 4. Raw material
 5. Production constraints
 6. Regulations

REFERENCES

Text books:

- Harward Business Review on Entrepreneurship. Harward Business school press.
- Abrams Grant Pass. Entrepreneurship: Strategies & Resources. 2nd edition. Oregon: oasis press.
- David H. Bangs. The Business Planning Guide. Upstar Publishing Company, Chicago.
- Marc J. Dollinger. Entrepreneurship: Strategies & Resources.
- Robert D. Hisrich Peters. Entrepreneurship. Tata-Mc Graw Hill.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VI
APPAREL PRODUCTION TECHNOLOGY-II

(THEORY)

Course Code: BFAD-323

Duration of exam: 3 hrs

M.M.: 150

Theory Exam: 120

Int. Assesment: 30

- Examiner will set nine questions in all
- All the questions will carry equal marks
- Question No. 1 will be compulsory consisting of 5-10 short type questions and spread over the entire syllabus
- The remaining eight questions will be set from unit 1 and 2, four questions from each unit
- The candidates are required to attempt five questions. Q.No. 1 will be compulsory and remaining four questions will be attempted selecting two questions from each unit.

Unit-I

- Fusing technology:-
 1. Support material & their importance.
 2. Base cloth
 3. Coating system machinery and equipment
 4. Quality control
- Sewing technology:-
 1. Components of sewing; - stitches, seams, feed system, threads, ticket number.
- Basic sewing machines: - general sewing, over locking, safety stitching, blind stitching, button holes, bastacking, button sewing special sewing machine.
- Finishing and pressing process, trimming finishing process.

Unit-II

- Production technology:-
 1. Common characteristics of production systems.
 2. Manual system.
 3. Making through
 4. Section or process system
 5. Progressive bundle system
 6. Mechanical transport system
 7. Selective conveyor belt system
 8. Unit production system
 9. Quick response system
- Quality control from design dispatch:-
 1. Introduction to quality control
 2. Purpose
 3. Quality definition

4. Sampling
 5. Terms
 6. Characteristics
- Quality control department and its functions:-
 1. Quality level
 2. Quality specification
 3. Tolerances
 4. NACERAP
 5. ISO 9000 and total quality management

REFERENCES

Text books:

- Carr & Latham (IV ED.). Technology of Clothing Manufacture
- Gerry Conklin (II ED.). Introduction to Clothing Manufacture

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VI
SURFACE ORNAMENTATION

(PRACTICAL)

Course Code: BFAD-371

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

- **Quilting & Patch work:** - Introduction, tools, material, techniques and types of embroidery – Cut work, Cross stitch, couching, Glass work, drawn thread work.
- **Crochet:** - Introduction, tools, material, techniques and types – Single, double, circular, making crochet samples.
- **Special techniques:** - Smocking, ribbon work, beads and sequence work, hand fabric painting, nail weaving.
- Developing one product based on techniques of Surface Ornamentation (one or more).

REFERENCES

Text books:

- Shallaja Naik. “Traditional Embroideries of India”, APH Publishing Corporation, NewDelhi. 1996.
- Snook Barbra. “Creative Art of Embroidery”, Numbly Pub. Group Ltd, London 1972.
- Mathew Anne. “Vouge Dictionary of Crochet Stitches”, David and Charles, London 1989.
- Anand, M. R. “Textiles and Embroideries of India”, Marg Publications, Bombay, 1965.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VI
PORTFOLIO DEVELOPMENT-1

(PRACTICAL)

Course Code: BFAD-372

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

Unit-I

- **Developing portfolio for mass production**
 1. Male –
 - Casual wear
 - Formal wear
 - Party wear
 - Sportswear
 - Power wear
 - Preparation of -spec sheet, swatch sheet, flat sketch sheet
 2. Kids –
 - Casual wear
 - Formal wear
 - Party wear
 - Sportswear
 - Power wear
 - Preparation of -spec sheet, swatch sheet, flat sketch sheet

Unit-II

- **Developing portfolio for High Fashion**
 1. Mood board preparation for male:- Preparation of Inspiration sheet, Theme sheet, Forecast color sheet, Client profile sheet, Design Preparation sheet, construction of any one garment with spec sheet.
 2. Mood board preparation for kids:- Preparation of Inspiration sheet, Theme sheet, Forecast color sheet, Client profile sheet, Design Preparation sheet, construction of any one garment with spec sheet.

REFERENCES

Text books:

- Bina Abling. Fashion Illustration.
- Harold Carr. Fashion Design & Product Development.
- Marian L. Davis. Visual Design & Dress.
- Linda Tain. Portfolio Presentation for Fashion Designers, 2nd Edition.

Magazines/ Journals:

- Global Apparel
- Image Business of Fashion.
- INDIA Vogue/INTERNATIONAL VOGUE
- Fashion ELLE
- In touch with fashion
- Hi-blitz
- Moda
- Glad rags
- Brides Now

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VI
ACCESSORY DESIGNING

(PRACTICAL)

Course Code: BFAD-373

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- Introduction to accessory design: - various types of shoes, handbags, hats and gloves etc.
- Collection of materials related to the accessories based on different themes: - tribal, ethnic, contemporary, traditional, and fusion (file work with theory, picture sample).
- Collection and presentation of materials related to the accessories based on different themes: - tribal, ethnic, contemporary, traditional, and fusion (file work with articles).
- To create accessories from each theme (head dress, foot wears, handbags, jewelry, belts, gloves etc).

REFERENCES

Text books:

- Jay Diamond, Ellen Diamond. .Fashion Apparel and Accessories.
- France Borel. The Splendor of Ethnic Jewelry. NJ Abram Inc, New York.
- Mookherjee Ajit. 5000 Designs and Motifs from India. Dover Publications Inc., 1996.
- Judith Rasband. Strategies for Women. Delmar Publishers London.
- Mc Jimsey and Harriet. Art and Clothing Selection. Iowa State University Press, Jowa.
- Jacob Solinger. Apparel Manufacturers Handbook.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VI
PROJECT WORK

(PRACTICAL)

Course Code: BFAD-374

Duration of exam: 3 hrs
M.M.: 50
Practical Exam: 50

- Visit to the Craft Mela/Handicraft Unit/Handicraft Cottage Industry.
- Documentation of the Craft Mela/Handicraft Unit/Handicraft Cottage Industry.
- Adaptation of traditional designs from craft items and modifying as per modern trends.
- Development of any utility craft items.
- Documentation and project proposal for developed utility craft item.
- Presentation.

REFERENCES

Text books:

- Douglas Bullis. Fashion Asia, Thames and Hudson. 2000.
- Polhemus Ted. Style Surfing, What To Wear in 3rd Millennium, Thames and Hudson, 1996.
- Mookherjee Ajit. 5000 Designs and Motifs From India, Dover Publications Inc., 1996.
- Prakash K. Ideas – Rajasthan Folk Art, English Edition, 2003.
- Walter Hutinson, Costumes of the World.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VI
CAD-III

(PRACTICAL)

Course Code: BFAD-375

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- Pattern Making.
- Grading (skirt, trouser, shirt, girls top, etc).
- Marker Making
 1. Marker making of one garment.
 2. Marker making of various garments having same size.
 3. Marker making of various garments of different sizes.

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VII

Practical / Lab based Courses

Code No.	Subject	Marks	Time
BFAD-403	Portfolio Development- II	50	3 hrs.
BFAD-404	Design Studio preparations & Fashion Show	50	3 hrs.

TOTAL

100

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VII
PORTFOLIO DEVELOPMENT- II

(PRACTICAL)

Course Code: BFAD-403

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

Unit 1

- **Developing portfolio for mass production**
 1. Female –
 - Casual wear
 - Formal wear
 - Party wear
 - Sportswear
 - Party Wear
 - Preparation of- spec sheet, swatch sheet, flat sketch sheet
- **Developing portfolio for High Fashion**
- **Mood board preparation for Female**
 1. Preparation of Inspiration sheet, Theme sheet, Forecast color sheet, Client profile sheet, Design Preparation sheet, construction of any one garment with spec sheet

REFERENCES

Text books:

- Bina Ablang, Fashion Sketch Book, Fairchild publications,1994
- Druid Elisabeth and Pace Tiziana, Figure Drawing for Fashion design, Peplin Press,2004
- Ireland Patrick John, Fashion Design Drawing and presentation, Batsford,2005
- Mckelvy Kathrynand Munslow Janine, Illustrating Fashion, Blackwell Publishing,2004
- Ray Smith, Drawing figures, Dorling Kindersley, 1994.
- Catwalking, Harriot Quick.
- Catwalk, Snadra Moir, Supermodel.
- Borelli Laird , Fashion Illustration Now , Thomas and Hudson Publishers , 2003
- Ireland Patrick John , Fashion Design Drawing and Presentation , bats ford ,2005

SEMESTER-VII
DESIGN STUDIO PREPARATIONS & FASHION SHOW
(PRACTICAL)

Course Code: BFAD-404

Duration of exam: 3 hrs

M.M.: 50

Practical Exam: 50

- Selection and evaluation of designs for different groups (male/female/child) according to theme.
- Construction of selected designs.
- Design presentation through Fashion Show.
- Exhibition-cum-sale of prepared garments and accessories.
- Fashion photography: - principles, types, application, history.
- Light and light sensitive materials, films, techniques of recordings.
- Camera: - types, accessories, uses and essential parts of camera.
- Assignment on indoor and outdoor shoots.
- Visit to a studio.

REFERENCES

Text books:

- Billy Pegram. Fashion Model Photography by
- Cathy Joseph. Outdoor Lightning-Fashion and Glamour. AVA Publishing, 2003.
- Catwalking, Harriot Quick.
- Catwalk, Snadra Moir, Supermodel.
- Fruits, Phaidon.

Magazines/ Journals:

- Global Apparel
- Image Business of Fashion.
- INDIA Vogue/INTERNATIONAL VOGUE
- Fashion ELLE
- Moda

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VIII

Practical / Lab based Courses

Code No.	Subject	Marks	Time
BFAD-473	Internship	50	3 hrs.

TOTAL

50

KURUKSHETRA UNIVERSITY KURUKSHETRA
BACHELOR OF FASHION AND APPAREL DESIGN (BFAD)
SEMESTER-VIII
INTERNSHIP
(PRACTICAL)

Course Code: BFAD-473

Duration of exam: 3 hrs

M.M.: 50

Viva voce: 25

Internship report: 25

- Acquiring full knowledge about the export house
 1. The total strength
 2. The working class
 3. The labour class
 4. Total number of unit
- Merchandising unit
 1. Merchandiser
 2. Types of work
 3. Orders
 4. Samples
 5. Calculations
 6. Cost sheet
 7. Cost and benefit analysis
- Sampling unit
 1. Samples created
 2. Lab dips
 3. File maintenance
 4. Mil record
- Accounts unit
 1. Expenses
 2. Projects

3. Export receipts
- Production unit
 1. From receiving design to manufacturing of sample
 2. Role of pattern master
 3. Garment construction team
 4. Ironing team
 5. Chemical washing team
 6. Embroidery unit
- Designing unit
 1. Specifying needs of buyers
 2. Designing sketches
 3. Creating sample
 4. Production in bulk

REFERENCES

Text books:

- Crap and Latham. The Technology of Clothing Manufacture.
- Mike Easy. Fashion Marketing.
- Frings. Fashion from Concept to Consumer.
- Vidyasagar. Textile Technology.