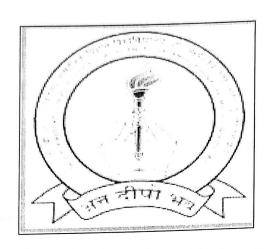
Dr. B. R. Ambedkar University of Social Science Ambedkar Nagar, (Mhow)



School of Education

Department of Skill Development

Syllabus- 2021 - 22

Introduction

Dr B. R. Ambedkar University of Social Science's mission is to expand opportunities and develop infrastructure for qualitative and employment oriented training to the youth, The Department of Skill Development has been working to ensure the desired skilled manpower for an all-round development of the Students. The major functions of this department are to Coordinate Provide job oriented training to unemployed youth.

Vision

Our vision is to provide quality training and employable vocational skills in the demand oriented manufacturing and service sectors so as to transform lives of youth.

Learning Outcomes:

- > Provide an enabling environment for progressive advancement of Technical Education and Vocational Training.
- > Develop infrastructure of Technical Education and Vocational Training in such a way that it can also be used by other departments for fulfillment of their trainings and other needs.
- Upgrade professional and managerial skills.
- Motivate students to achieve skills.
- > Provide educational infrastructure for the need based development.
- > Provide opportunities for training and certification to the school dropouts, Nonworking women and informally trained He/She that have no certification for their skill.
- > Provide opportunity of skill development and technical education to all sections of the society without any gender bias.
- > Strengthen linkages of technical education institutions with industries for
- > Provide courses in digital format for Distance Education and online system of teaching.

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Structure of the Course:

One Year Post Graduate Diploma in Textile and Fashion Designing

sr.no	Title	Theory/ Practical	Marks(Total Aggregate marks)	Distrib Marks	oution of	Classes		Credits
			marks)	Theory	Practical	Theory	Practical	Practical
I	Textile Science	Theory/ Practical	100	40%	60%	2	3	Credits- 32 Theory- 24 Credits
II	Introduction to Apparel Industry	Theory/ Practical	100	40%	60%	2	3	Project- 4 Credits
III	Drafting and Pattern Making	Theory/ Practical	100	40%	60%	2	3.	Credits
IV	Garment Construction	Theory/ Practical	100	40%	60%	2	3	
V	Textile Art and Design	Theory/ Practical	100	40%	60%	2	3	
VI	Embroidery, Ornamentation technique	Theory/ Practical	100	40%	60%	2	3	
VII	Introduction to Fashion Communication	Theory/ Practical	100	40%	60%	2	3	
VIII	Visit / Project + File work	Theory/ Practical	100	40%	60%	2	3	
	Total		800					60

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Eligibility:- MIN 12th Pass

Durations- One Year

Fees: According to University Rules

Total seats- 30 (as required)

Credits- 60 Credits

Exam Pattern:-

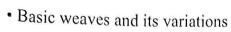
Total marks - 800 marks (internal 40 % and External Viva 60 %) The certificate should be awarded on completing the following pattern

- 1. A written assignment at least 10-15 pages.
- 2. Seminar
- 3. Oral presentation(viva)
- 4. File
- 5. Visit / Project

Total Marks		800 60		
Theory	-			
Practical	Y UN THIS THE	40		
Internal	External	,		
60	40			

After the completion of course exam (theory + Practical) will be held accordingly to the university and certificate will be provided by the university.

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- Knitted fabrics
- Non-woven fabrics
- Grey fabric inspection

Unit V: Textile finishes

- Chemical finishes
- · Mechanical finishes
- Fibre identification visual test, physical tests and chemical tests
- Prepare sample files for fabric properties

Suggested Readings:

- 1. Harriet Hargrave, 'From fiber to fabric' C&T publishing, Lafayette, CA
- 2. Premlata Mullick, 'Textbook of textile designing' Kalyani Publishers
- 3. Kanwar Varinder Pal Singh, 'Introduction to Textiles' Kalyani Publishers, National Institute of Technology - Jalandhar
- 4. Tanya jain "Textile designing theory and concept"
- 5. Frank Ames "Woven master recipes of Sikh heritage"
- 6. W.S. Murphy, "Textile Weaving & Desigm", Abhishek Publication, 2003
- 7. W.S. Murphy, "Handbook of weaving" Abhishek Publication.
- 8. Deborah Chnadler, "Learning to weave", Interweave Press, 1995.
- 9. J.J. Pizzuto, "Fabric Science" 6th Edition, Fairchild Publications.

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SEWING TECHINQUES AND ACCESSORIES-(Practical-I)

- 1. Sewing machine Parts, functions, care and maintance.
- 2. Accessories of sewing-Bobbin, bobbin case, needle and its types.
- 3. Sewing Techniques-basic
 - a) Basic hand stitches Basting, running, tacking, hand overcast, buttonhole,
 - b) Hemming stitches plain and blind hemming and slip stitch.
 - c) Machine Stitching plain seam, edge, single top, double top, shirring and gathering.
 - d) Seam & seam finishes Flat fell, French seam, lapped, piped, slot, pinked, overcast, pinked & stitched.
- Sewing techniques- decorative
 - Fullness Darts, tucks, pleats, gathers and style line.
 - Yokes with and without Fullness.
 - Sleeves plain, puffed, Raglan and Kimono sleeves.
 - Collars Peterpan, shawl and shirt collar.
 - Fastners Press button, hook & eye, shirt button, button hole and zips.
 - Finishes Neckline finishes Facing, shaped, piping / binding, placket finishing - continuous one piece, two piece bound placket.

5. Pattern Making

- Body Ideals Infant, children, Men & Women (Standard measurement).
- Preparing basic blocks front, back, sleeve, skirt & trousers for kids, women and men.

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PAPER-II

INTRODUCTION TO APPAREL INDUSTRY

SLO (Specific Learning Outcomes)

After learning this paper the students will be able to:

- Different textile fabric, its classifications and properties
- They will be able to identify different fibre types based on its physical and chemical parameters.
- They will gain knowledge in different methods involved in spinning of fibres.

COURSE CONTENTS:

Unit I: Apparel industry in India

- Introduction to apparel industry in India
- Apparel industry through the years
- Problem of Indian apparel industry
- Health and safety in apparel industry

Unit II: sectors, organization of apparel industry and Product group

- Sectors of the apparel industry in India
- Organizational structure of apparel industry in India
- Product groups with a selection of product type (eg.-men's wear, women's wear,

Kid's wear, sportswear etc)

• Sections in an apparel-manufacturing unit.

Unit III - industrial tools, equipment machineries of apparel Industry

- Spreading machines and tools
- cutting machines and too
- Sewing machines and tools
- ironing machines and tools
- · fusing machines and tools

Dyeing and laundry equipment

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- Material handling equipment
- Computerized machines
- Packaging equipment

Unit IV - Systems, terminology and labels used in apparel Industry

- Terminology used in apparel industry
- Labels and instructions on apparel
- Material sourcing and selections
- garment manufacturing systems

Unit V: Fashion information services

- Fashion information services
- Fashion terminology
- Fashion centres
- Trends
- Fashion shows, Types of shows
- Trade fairs
- Market weeks

Suggested Readings:

- 1. Piper, Davd: "The Joy of Art", "Mitchell Beazley Publishers, 1984; 1984.
- 2. Elements of fashion and apparel design G.J. Sumathi
- 3. Elements of fashion and apparel design Sumathi 81-224-1371-4
- 4. Encyclopedia of dress making Raul Jewel
- 5. Stanyer, Peter, "The Complete Book of Drawing Techniques" Arcturus Publishing Limited for Book Mart Limited 2003
- 6. Edith Tomory, "A History of Fine Arts' in India and the West" Orient Longman Publishers 1982, reprinted 1999.
- 7. Hideaki Chijiwa, Colour harmony-"A Guide to creative colour Combination".
- 8. HelIn Goworek, "Drawing Course a step by step Guide" Blackwell Publications
- 9. HW. Janson & Anthony Janson, "History of art" the western radition, revised

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PAPER III

DRAFTING AND PATTERN MAKING

COURSE CONTENTS:

Objectives:

- To impart skills in basic techniques of pattern making.
- * To provide the knowledge of different machines used for sewing.
- To impart pattern making and grading skills to the students.
- Lay a foundation for pattern development, pattern grading and pattern grading skills.

SOL (Specific Objective Learning):

After learning this paper the students will be able to:

- > Sketching is an important skill that is required by a fashion designer, textile designer or a graphic designer.
- > After completion of the course the students will have hands on skills in sketching, colouring, rendering and various other techniques involved in sketching.
- > They will be able to illustrate human figures in different postures and garments.
- > This paper will give way to understand parts and functions of a basic Drafting
- > Simple seam to complex Pattern Making

Unit-I: Tools and Body Measurements

- A) Functions, use and care of the following-
- Measuring Tools-Measuring tape, Tailor's square, right angled triangle, Calculator, French curve set, Set square, Curve rules.
- Marking Tools- Paper, Pencil, Rubber, compass, Tracing wheel, Pins, Tailor's chalk, Paper notcher, Pattern punch, Pattern book, Paper weights, Model stand.
- > Cutting Tools-Small shears, big shears, cutters, Pinking shears, stitch opener. opener.
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Suggested Readings:

- 1. Piper, Davd: "The Joy of Art", "Mitchell Beazley Publishers, 1984; 1984.
- 2. Elements of fashion and apparel design G.J. Sumathi
- 3. Elements of fashion and apparel design Sumathi 81-224-1371-4
- 4. Encyclopedia of dress making Raul Jewel
- 5. Stanyer, Peter, "The Complete Book of Drawing Techniques" Arcturus Publishing Limited for Book Mart Limited 2003
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- 7. Hideaki Chijiwa, Colour harmony "A Guide to creative colour Combination".
- 8. Helln Goworek, "Drawing Course a step by step Guide" Blackwell Publications.
- 9. HW. Janson & Anthony Janson, "History of art" the western radition, revised 6th edition, Upper saddle rivet
- 10. Roy C. Craven, "Indian Art", Thames & 'Hudson

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PAPER- IV GARMENT COUNSTRUCTION

Objectives:

- To enable the students to familiarize with fashion designing and illustration
- Acquaint with the steps involved in drawing and to gain skill in illustration and design garments for personal / individual taste.
- SLO (Specific Learning Outcomes)

After learning this paper the students will be able to:

- Measurements for preparing metric patterns and commercial patterns
- They will acquire knowledge in different pattern manipulation techniques and style development.
- This paper will give way to understand parts and functions of a basic Drafting
- Simple seam to complex Pattern Making

COURSE CONTENTS:

UNIT I - STITCHES AND SEAM FINISHES

- Hand Stitches
- Seam finishes-Method and Procedure of making a seam

UNIT II- FULLNESS TECHNIQUES

- · Darts
- Tucks
- Pleats
- Gathering
- Shirring
- · Ruffles
- Elastic Attachment

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UNIT III-EDGE FINISHES, NECKLINES, POCKETS

- Edge finishes-Facing, Piping, Pico, Overcasting, Decorative finishes
- Closures- Plackets, Zippers, Button and Hole, Hook and Eye, Snaps, Velcro,
- Neckline Finishing (U, V, Square, Round, Scalloped Necklines) Yokes, Placket Openings, Sleeves and collars
 - · Patch, Side, Slanted Pockets
 - Cuff and Belt

UNIT IV- ADAPTATED GARMENTS

Stitching of Adapted Garments (Children) Jhabla, Frock Stitching of Adapted Garments (Women) Top, Kurta, Gown, Blouse Stitching of Adapted Garments (Men) Gents Kurta, Unisex Shirt, Pajama, Capri

Unit V- ADVANCED GARMENT DESIGNING

Construction of different types of cuffs- lined/unlined Construction of the following Collars

- Chinese band
- Shawl collar
- Stand and fall collar- Peter pan collar
- Baby collar

Construction of:

- Nighty / gown
- Choli blouse, long body blouse
- Ladie's salwar Kameez
- Ladie's saree blouse(plain, belted)

Construction of the following Garments for ladies Peticoats (4 kali, 6 kali) Top (simple, yoke) Skirts- circular, Divided, pleated, wrap-on and hip-tight skirt.

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Suggested Readings:

- 1. Advsanced Fashion Sketch Book, Bina Abling, OM Book Service, India (2007)
- 2.Kathryn Mikelvey, "Fashion source book", Blackwed science, UK
- 3. Sharon Le Fate, "Inside Fashion Design", Harper and Row Pub. NY.
- 4. Carter L, "The changing World of Fashion," G.P. Panama's Sons, NY
- 5. Second skin, "Horn MJ, 1981,
- 6.Study of clothing, "Houghm Mifflin Company, Bosien
- 7. Kafgen Mary, Individuality in clothing, Houghton Mifflin Company

Dynamics of fashion by Elaine stone

- 8. Harold Carr "Fashion design and product development"
- 9. Anmol Roy "Fashion designing and technologies" 978-81-8411-304-4
- 10. Eugeniakim "Saturday night ha" t0-307-33794-4
- 11. Fashion illustration and Presentation, Manmeet Sodhia, Kalyani Publishers.
- 12. Fashion Source Book, Kathryn Mckelvey, Blackwell Science
- 13. Thomas Anna Jacob, "The Art of Sewing", UBS Publishers Distributors Ltd. New Delhi, 1994
- 14. Readers digest- Sewing Book Verma G, "Cutting and Tailoring Theory", Asian Publishers

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PAPER V

TEXTILE ART AND DESIGN

COURSE CONTENTS:

Unit I: COLOUR

- Revise elements of design-line, shape, form colour and texture with respect to textile art
- Dimensions of colour hue, value and intensity
- Colour perception and colour distortions (metamerism)
- Theories of colour Light, Pigment (Munshell and Prang) and psychological (Ostwald)
- Common names of colours
- · Physical and psychological effects of colour
- Colour schemes and their development

B) TEXTURES

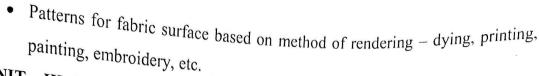
- Definition, concept and determinants of textures —fibre, yarn structure, fabric structure, finishes and combined determinants
- Surface characteristics
- Visual characteristics

UNIT - II: MOTIF STUDY

- Lines and Shapes creating patterns and motifs
- Purpose age, gender, occasion, season, type of garment, etc.
- Types of motifs realistic, natural, stylized, traditional, abstract, graphic, etc.
- Aspects of patterns source, interpretation and arrangement
- Composition of patterns spacing, size distinction, arrangement, positioning, repeats, degree of details
- Relationship between pattern, texture and fabrication process (fibre, yarn, weave, knit, finish, etc.)

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UNIT – III: DYING

- Dyes and their classification
- Selection of dyestuff
- Dying procedures
- Method of dying different fabrics
- Colour coding and identification of colour used in the industry
- Resist dying methods batik, tie and dye,

UNIT - IV: PRINTING AND PAINTING

- History and origin of printing
- Methods of printing (hand block, screen, stencil, etc., machine printing)
- Styles of printing discharge, resist
- Dyes and materials used for printing
- Fabric painting traditional, modern

UNIT - V: YARN CRAFT

• Introduction to yarn craft - knotting, crocheting, knitting, tatting (lacing), macramé, interlacing (weaving)

Suggested Readings:

- Sumathi, G.J. "Elements of Fashion and Apparel Design" New Age International Publishers, New Delhi.
- Kathryn McKelvey "Fashion Source Book" Balckwell Publishing New Delhi.
- Jane Mills and Janet K.Smith "Design Concepts" Fairchild Publications, New York.
- Judith Rasband "Wardrobe strategies for women", Delmar publishers, London.
- Jeannette A.Jarnow, Mirianr Guerreiro & Beatrice Judelle, "Inside the fashion business" 4th edition Mac Millan Publishing Company, NewYork.

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ACCESSORIES MAKING PRACTICALS

- 1. Hand bag Any three types
- 2. Hat Any two types
- 3. Bow Decorative bow and formal bow
- 4. Belt For boy and girl
- 5. Foot wear Any three types
- 6. Purse and pouches Any two types
- 7. Hair band and head bands Any four types
- 8. Watches Any two types

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PAPER VI

EMBROIDERY

UNIT I -WOVEN TEXTILES OF INDIA

Study historical development, important features such as motifs, colors, weaves, materials, methodology and present status of:

- Woven textiles of eastern states –Bengal, Bihar, Jharkhand, Chhattisgarh, Orissa, Assam and north-eastern states
 - Southern states Andhra Pradesh, Tamil Nadu, Kerala, Karnataka,
 - Western states Maharashtra, Goa, Gujarat, Rajasthan, Madhya Pradesh
- Northern states Kashmir, Punjab, Haryana, Himachal Pradesh, Uttaranchal, Uttar Pradesh

UNIT II-DYED AND PAINTED TEXTILES OF INDIA

Tie-dyed textiles, batik dyed, warp and weft Ikat, Patola

- Different methods of dyeing fabrics in various states
- · Kalamkari, madhubani

UNIT III-PRINTED TEXTILES OF INDIA

- Study of various printed textiles of India, their origin, motifs, prints, historical development and present status. importance,
- · Bagh, Dhabu, sanganeri, calico prints, ajrak prints, Kashmiri Prints.

UNIT IV-EMBROIDERED TEXTILES OF INDIA

· Traditional embroideries of India- history, motifs, materials and color combinations of traditional embroideries-Kashmir, Embroideries, Chambarumal, Phulkari of Punjab, Embroideries of Rajasthan and Gujarat-Banjara, Embroideries, Bihar Quilting, Lucknow- Chikankari, Appliqué and Patchwork, Manipuri, Bengal-Kantha, Kasuti, Mirror work

UNIT V-EMBROIDERY TECHNIQUES

- Tools and equipment used for embroidery
- Design transfer methods
- Selection of motifs, materials, color for various types of embroideries

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• Basic stitches used for embroideries in India

Suggested Readings:

- 1. Encyclopedia of Embroidery Stitches Including Crewel Dover Publications 1974
- 2. Computerized Encyclopedia of Needle Work Therese De Dillmont 3rd Edition.
- 3. Decorative Painting Techniques Book Val Holmes 2003
- 4. Traditional Indian Motifs for Weaving and Printing
- 5. 5000 Designs and Motifs from India Ajit Mookerjee 1996
- 6. Barudan / Tazima / ZSK Embroidery Machines Catalogue

EMBROIDERY PRACTICALS

Prepare samples for the following

- 1. Hand embroidery 20 stitches -10 samples
- 2. Machine embroidery -7stitches -3 samples.
- 3. Applique (machine / hand)- 3 types
- 4. Smocking 4 types
- 5. Bead Work -1 sample
- 6. Sequins work -1 sample
- 7. Zardosi work -1 sample
- 8. Tassels and fringes -2-3 samples.
- 9. Mirror work -Shapes (Round, square, diamond) 3 samples
- 10. Fixing the stones-1 sample.

B. Traditional surface ornamentation practices with two to four variations in the following,

- 1. Kantha, 2. Chikan, 3. Kasuti, 4. Zardosi, 5. Kutch work, 6. Mirror work
- 7. Aari work, 8. Phulkari work, 9. Crocht

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Ornamentation Technique

Unit I: Introduction

Introduction to Ornamentation Technique, types Ornamentation Technique and equipment required for fabric Ornamentation Technique.

UNIT II: Printing

Block printing, Stencil printing, Screen printing, Roller printing

Unit III: Painting

- Fabric painting painting tools, method and preparation different types of colour filling.
- Nip painting painting method, painting material, preparation
- Cone painting painting method, painting material, preparation
- Glass painting painting method, painting material, preparation

Unit IV: Dyes

Classification of dyes

Natural dyes, Manmade or Synthetic dyes

Unit V: Tie and dye

· Dying method

Suggested Readings:

- Textiles Ninth edition, Sara J Radolph and Anna L Langford, Prentice hall, New Jersey (2002).
- Textile processing J. L. Smith, Abhishek publications, Chandigarh (2003).
- Textile Chemistry Peters R H , Vol I, & II, Textile Institute Manchester (1970)
- Beginners Guide to fabric dyeing and printing Stuart & Robinson, Technical books, London (1982).
- Thickening agents and Emulsion thickenings in textile printing Herbert

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PAPER VII

INTRODUCTION TO FASHION COMMUNICATION

SOL (Specific Objective Learning):

Empower students with effective communication solutions for the fashion and lifestyle industry. As a communications person, you will either be involved in running the event by liaising with people like contractors, models and media: or you can be the media responsible for reporting and making sure the event gets the coverage it deserves. Whether you are working with the fashion houses or the media, you will need to have a high stamina for a lot of socializing, a flair for writing and high fluency in at least one language.

UNIT I: COMMUNICATION

Definition – communication; what is fashion communication; types of communication – audio, visual - print, written, pictorial, advertisement, posters, billboards, audio-visual – films,

UNIT II: FASHION PHOTOGRAPHY

Definition – communication; what is fashion communication; types of communication – audio, visual – print, written, pictorial, advertisement, posters, billboards, audio-visual – films, Study of basic equipment – camera – types of cameras, functions in a camera and their uses, Supporting equipment for fashion photography – flashes, filters, lenses, lights, reflectors, tripods, etc. Types of photography – indoor, outdoor, studio taking a photograph – compositions, lights, angles, Importance of background in fashion photography etc

Types of photography-live and product photography, post production procedures

UNIT III-VISUAL MERCHANDISING

Basic concepts of visual merchandising, Displays – boards, showcase, window, floor layout and arrangement in a shop, shelves, counters, mannequins, hangers, stacks, walls, posters (brand, informative, decorative), colour blocks, themes, franchise distribution and customer movement,

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UNIT IV: FASHION EVENTS

Fashion shows - types, organizing, selection of models, music, theme, Accessories and dresses, Exhibitions -types and presentations

UNIT V: FASHION BRANDING AND ADVERTISING

Brand image, factors affecting brand image, study of select fashion brand and its advertising aesthetics.

Suggested Readings:

- 1. Uncovering Fashion: Fashion Communications Across the Media; Author -Marian Frances Wolbers
- 2. Who's Who in Fashion, 5th Edition; Author Holly Price Alford, Anne Stegemeyer
- 3. Writing for the Fashion Business; Author Kristen Swanson, Judith Everett
- 4. Fashion Public Relations; Author Gerald J. Sherman, Sar S. Perlman
- 5. Fashion Branding Unraveled; Author M. Khaled A. Hameide
- 6. Retail Advertising and Promotion; Author Jay Diamond

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Lab Work of Project / Visit / File Work

Specific Outcome:

The student will undertake a project work on the topic assigned by the concern guide consultation with the department on the various issues Problem themes case studies and site visit. The project report will be 100 marks which would be assessed by the internal guide

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