

2019

Multani Mal Modi College, Patiala

MSc Fashion Design and Technology

Department of MSc Fashion Design
and Technology





UNIT PLANNING (SESSION 2019-20)

Class- M.Sc I (Semester- I)

Subject: Textile Study -I

Session:2019-20

S. No.	Syllabus/topics	Reference	Mode of Transaction	Additional resources
August				
1.	Polymer- Definition, types, a. Polymerization- addition & condensation b. Significance of molecular structure - crystalline & amorphous	Deeplali Rastogi : Text book textile science	Lecture, Notes	https://study.com/academy/lesson/what-is-polymerization-definition-types-process-reactions.html
2.	Classification of Textile Fibers based on source and origin		Lecture, Notes	extilefashionstudy.com/what-is-textile-fiber-classifications-of-textile-fiber/
3.	Manufacturing and properties (Physical and chemical) of Natural Fibers – Cotton, Wool, Silk, Linen		Lecture, Discussion	
4.	Manufacturing and properties (Physical and chemical) Synthetic Fibers- Polyesters, Polyamide (Nylon 6, Nylon 66), Acrylic, Rayon, Spandex		Lecture, Notes	
5.	Innovation in fibers - Micro fibers, Hollow fibers, Nano fibers.		Lecture, discussion	Assignment -1

UNIT PLANNING (SESSION 2019-20)

6.	Yarns-Types of Yarns- spun and filament, carded and combed, simple, novelty and textured		Lecture, discussion	
September				
7.	Yarn properties in relation to fabric-Twist, count, diameter determination in yarn, Yarn numbering system	DeeplaliRastogi : Text book textile science	Lecture, Notes	
8.	Yarn Construction – Staple yarns-Conventional ring spinning, open end spinning, friction spinning, self-twist spinning twist less spinning, airjet spinning, waterjet spinning		Lecture, Notes	
9.	Filament yarns- Wet, Dry and melt spinning.	DeeplaliRastogi : Text book textile science	Lecture/ Notes	
10.	Dyeing: Dyeing theory. Dyeing auxiliaries Pre dyeing preparation of fabric- Scouring, bleaching, Desizing		Lecture/ Notes	
11.	Dyes: Definition and Types (Natural and Synthetic Dyes), Home & Industrial Dyeing - Fibre Dyeing, Yarn Dyeing, Fabric Dyeing & Garments Dyeing.		Lecture/ Notes	
12.	Application of Direct, Acid, Basic and Azoic dyes on Natural Fibres - Cotton, Silk and Wool	DeeplaliRastogi : Text book textile science	Lecture/ Notes	
13.	Dyeing defects and their remedies Recent advances in dyes and dyeing technology		Lecture/ Notes	https://textilestudycen ter.com/defects-of-sulfur-dyeing/
October				
14.	Printing: -Introduction to printing, Difference between dyeing and printing -Types of printing: Machine Printing, Hand Printing.	DeeplaliRastogi : Text book textile science	Lecture/ Notes	Assignment - 2

UNIT PLANNING (SESSION 2019-20)

	-Recent advances in printing technology			
1	<p>Finishes improving handle and appearance-</p> <ul style="list-style-type: none"> • Softeners, stiffening agents, Optical whiteners, • Calendaring, Enzyme wash(bio- polishing, stone wash, sand wash), Glazing, Moireing, Schreinerizing Embossing, Parchmentization, Sizing, Weighting, Shearing, Brushing, Fulling, Beetling, Flocking, Napping, Peach finish 		Lecture/ Notes	Assignment-2
November				
1	<p>Functional Finishes- Antimicrobial Finishes, Moth proof, Aroma therapy- Fragma series/ moisturizers/ essential oils/ aloe vera, anti-static finish, Dry soiling of clothing, bio softening, cool finish(snocool), hydrophilic finish, Flame retardant, heat setting, coating and lamination, UV protective finish, water oil repellent finish, wrinkle free finish, Anti-crease/ durable press finishes.</p>		Lecture/ Notes	https://www.britannica.com/topic/textile/Finishes-enhancing-appearance
1	Care labels – importance, symbols, and uses.		Lecture/ Notes	https://www.fibre2fashion.com/industry-article/6939/care-labeling-in-apparels-and-textiles

Class – M.Sc. Ist(Semester I)				
Subject : Historic Costumes			Session: 2019-20	
S. No	Syllabus/topics	Reference	Mode of Transaction	Additional resources
AUGUST				
1	Traditional costumes of Indian states with accessories and ornaments used Punjab ,Jammu and Kashmir , Assam,West Bengal,Maharashtra, Gujarat,Rajasthan, Tamil Nadu,Karnataka,Uttar Pradesh, Madhya Pradesh	Suvasas(The beautiful costumes) Ch- 4\ Notes	Lecture, Chalk Board.	
2	Victorian Period	Suvasas(The beauty of costumes) Costumes in western countries \ Notes	Lecture, Chalk Board.	
3	Study of Ancient Indian Dresses during the following periods:Indus Valley,Vedic, Mauryan and Sunga Period ,Satavahana Period ,Kushan Period,Gupta Period	Suvasas(The beautiful costumes) Indian Attire: Changing TimesCh- 1\ Notes	Lecture, Discussion	
September				

UNIT PLANNING (SESSION 2019-20)

4	Costumes of folk dances of India- Punjab – Gidda and Bhangra,Gujarat- Garba, Rajasthan-Kalbelia,Manipur – Raslila AndhraPradesh – Kuchipudi,Orissa-Odissi	Suvasas(The beauty of costumes)Costu mes of folk dances of India Ch- 4\Notes	Lecture, Discussion	
5	Costumes in Ancient World: Egyptian, Mesopotamia,Greece,Roman	Suvasas(The beauty of costumes)Traditi onal Costumes of western Countries Ch-5\ Notes	Lecture.	
October				
6	Sultanate period: Mughal Period ,British Period	Suvasas(The beauty of costumes) Indian Attire: Changing Times .Ch- 1\ Notes.	Lecture, Discussion	
7	Costumes of middle ages- Byzantine.Renaissance France	History of fashion (ManmeetSodhia) Ls -10,Suvasas Ch 5\ Notes	Lecture, Discussion	
November				
8	French Revolution	History of fashion (ManmeetSodhia) Ls-13\Notes	Lecture, Chalk Board.	
9	20th and 21st Century Fashions	Notes	Lecture	https://www.thechicsection.com/

MULTANI MAL MODI COLLEGE, PATIALA**UNIT PLAN****Class – M.Sc. PartIst(Semester I)****Subject:Pattern Making & Construction Techniques****Session : 2019-20**

S.No.	Syllabus/Topics	Reference	Mode of Transactions	Additional Resources*
August				
1	Tools and Equipment's used for Measurements Drafting Marking Cutting Stitching Finishing	Pardeep's Clothing, Textiles and their care Dr. Rajwinder K. Randhawa Ch-1	Lecture, Chalk Board.	
2	Types of Machines Attachments used for garment Manufacturing Domestic and Industrial	Pardeep's Clothing, Textiles and their care Dr. Rajwinder K. Randhawa Ch- 2\Notes	Lecture, Discussion	

UNIT PLANNING (SESSION 2019-20)

3	<p>Anthropometry</p> <p>Various methods of recording measurements,</p> <p>Sequence of taking body measurements</p>	<p>Pardeep's Clothing, Textiles and their care</p> <p>Dr. Rajwinder K. Randhawa</p> <p>Ch- 3</p>	<p>Lecture, Chalk Board.</p>	
September				
4	<p>Methods of developing designs</p> <p>Drafting and Layout</p> <p>Pattern making & Commercial Paper Patterns</p> <p>Draping</p>	<p>Pardeep's Clothing, Textiles and their care</p> <p>Dr. Rajwinder K. Randhawa</p> <p>Ch- 5</p>	<p>Lecture, Chalk Board.</p>	
5	<p>Fitting</p> <p>Factors affecting good fit in Garment</p> <p>Reasons for poor fitting and their remedies</p>	<p>Garment Construction and Pattern Making</p> <p>Chandana Rajput</p> <p>LS-12</p>	<p>Lecture, Chalk Board.</p>	
October				
6	<p>Basic terminology: related to apparel construction</p>	<p>Garment Construction</p> <p>Manmeet Sodhias.</p> <p>LS -20</p>	<p>Lecture, Discussion</p>	

UNIT PLANNING (SESSION 2019-20)

7	<p>Fullness treatment in the garments</p> <p>Methods of introducing fullness</p> <p>Methods of controlling Fullness</p>	<p>Garment Construction and Pattern Making</p> <p>Chandana Rajput</p> <p align="center">Ls-15</p>	Lecture	
November				
8	<p>Grading Terminology, Types of Grade, Principals of Grading</p>	<p>Garment Construction and Pattern Making</p> <p>Chandana Rajput</p> <p align="center">Ls-8</p>	Lecture, Chalk Board.	
9	<p>Inter relationship between fabric, sewing thread, stitch length and needles</p>	<p>Garment Construction and Pattern Making</p> <p>Chandana Rajput</p> <p align="center">Ls-17</p>	Lecture	
10	<p>Design in Fashion .</p>	<p>Garment Construction and Pattern Making</p> <p>Chandana Rajput</p> <p align="center">Ls-20</p>	Lecture, Discussion.	



SEMESTER II**MULTANI MAL MODI COLLEGE, PATIALA****UNIT PLAN****Class – M.Sc. I (Semester II)****Subject : Communication Skills****Session : 2019-20**

S.No.	Syllabus/Topics	Reference	Mode of Transactions	Additional Resources*
January				
1	Communication- Meaning and Importance, Forms of Communication; Forms of Communication Skills; Different Types of Communication	AshaKaul, Business Communication, Prentice Hall of India, New Delhi. An Approach to Effective Communication by Indrajit Bhattacharya.	Discussion, Interactive and Chalk board	Video Lecture by Expert Management Programme Compiled notes on definitions of communication
2	Essentials of Communication; Channels of Communication		Discussion, Interactive and Chalk board	Compiled Notes from various resources Essentials of Communication
3	Barriers of Communication		Discussion and Interactive Method	
February				
4	Oral- Telephonic Communication	Business Communication by P.D. Chaturvedi, Pearson Publication.	Discussion and Interactive Method	
5	Written Communication- Drafting reports, notices, agenda notes, business		Discussion and Interactive	Notes for Agenda notes

UNIT PLANNING (SESSION 2019-20)

	correspondence, circulars, press releases and advertisements.	An Approach to Effective Communication by Indrajit Bhattacharya.	Method	
6	Non- Verbal Communication- Importance of non- verbal communication, positive gestures,symbols and signs	Business Communication by P.D. Chaturvedi, Pearson Publication,	Discussion and Interactive Method	
7	Group Discussion- Advantages and techniques of conducting group discussions.	An Approach to Effective Communication by Indrajit Bhattacharya.	Discussion, Interactive Method and practice/Drill	Case study
	Resume Writing and job applications, applications for business (Application for loan, refund and advance salary		Discussion and Interactive Method	Assignment
March				
8	Business Letters- Types and Layouts; Essentials; Business Letters- letter of enquiry, letter of quotation, letter of orders, letter of advice, letter of trade reference, circular letters, letter of complaint and adjustments, sales letter,	An Approach to Effective Communication by Indrajit Bhattacharya. Business Communication by P.D. Chaturvedi, Pearson Publication.	Discussion, Interactive method and Practice/ Drill	Format Business Application

UNIT PLANNING (SESSION 2019-20)

	credit letters and status inquires, collection letters.			
9	Need of Mass Communication in the fashion world- Importance and classification.	Business Communication by P.D. Chaturvedi, Pearson Publication. An Approach to Effective Communication by Indrajit Bhattacharya.	Chalk Board and Interactive Method	
10	Mass Communication- Concept, Definition and Scope.	Business Communication by P.D. Chaturvedi, Pearson Publication. An Approach to Effective Communication	Discussion Method	

UNIT PLANNING (SESSION 2019-20)

		by Indrajit Bhattacharya		
11	Essentials of Technical Report Writing and Proposals.	Business Communication by P.D. Chaturvedi, Pearson Publication. An Approach to Effective Communication by Indrajit Bhattacharya	Discussion and Practice/ Drill	
12	Role of media in society	Business Communication by P.D. Chaturvedi, Pearson Publication	Discussion and Interactive Method	
April 2020				
13	Modern Forms of Communication- Fax, Internet/ e-mail, video conferencing	Business Communication by P.D. Chaturvedi, Pearson Publication	Discussion and Interactive method	Notes
14	Functions of mass	Business Communication by P.D.	Discussion and	

UNIT PLANNING (SESSION 2019-20)

	communication through different media- Electronic media, print media and cyber media.	Chaturvedi, Pearson Publication An Approach to Effective Communication by Indrajit Bhattacharya	Interactive Method.	
--	---	--	----------------------------	--

*Demonstration/case study/suggested reading links/images/animations/pdf/pptetc

Class- M.Sc I (Semester- II)

Subject: Textile Study -II
Session:2019-20

S. No.	Syllabus/topics	Reference	Mode of Transaction	Additional resources
January				
1.	Looms- Parts of a simple loom and their functions. Different types of looms- a. Shuttle looms- pit loom Shuttle less looms- Rapier, Multiphas, Airjet, Waterjet	Deeplali Rastogi : Text book textile science lesson:6	Lecture, Notes	
16 Page 2.	Fabric Construction - Weave & its types, ends & picks, count, weight, thickness determination, Fabric defects.		Lecture, Notes	

UNIT PLANNING (SESSION 2019-20)

3.	Shrinkage in fabrics- Laundering shrinkage, Thermal shrinkage & Heat setting in dimensional stability of fabrics.		Lecture, Discussion	https://textilelearner.blogspot.com/2012/03/what-is-heat-setting-working-process-of.html
4.	Thermal conductivity, air permeability, porosity of fabrics		Lecture, Notes	https://textilelearner.blogspot.com/2013/08/study-on-air-permeability-and-porosity.html
5.	Characteristics and advantages of woven, knits and non-woven fabrics		Lecture, Assignment -1	
February				
6.	Methods of production of non-woven- a. Braiding b. Netting c. Lace	Deeplali Rastogi : Text book textile science lesson:8		
7.	Knitting technology-a. Different types of knits- Weft and Warp knitting		Lecture, Notes	
8.	b Weft Knitting- Plain Knit/single jersey (Tuck, Pile, Float, Drop), purl stitch, Rib stitch		Lecture/ Notes	
9.	Warp knitting- Tricot, Raschel, Simplex, Milanese, Crotchet, Weft insertion warp knit,	Deeplali Rastogi : Text book textile science lesson:7	Lecture/ Notes	
10.	Warp knitted fabrics- Single jersey, Double Jersey, Wale Deflection, Lace, Rib, jacquard types		Lecture/ Notes	
March				
11.	Common defects in knitted fabrics Difference b/w Woven & Knit fabrics	https://textilelearner.blogspot.com/2013/01/faults-defects-in-knitted-fabrics.html	Lecture/ Assignment - 2	

UNIT PLANNING (SESSION 2019-20)

12	Introduction to Special textiles, their classification and uses-Technical textiles (Medical textiles, Geo textiles, Industrial textiles, Sports)	https://www.textilemates.com/technical-textile-classification-applications	Lecture/	
April				
13	Smart Textiles (Phase change materials, Thermochromic / photo chromic textiles, Electronic textiles)	https://fashion2apparel.blogspot.com/2017/01/smart-textiles-technology.html	Lecture/ Notes	
14	Fabric composites		Lecture/ Assignment - 3	

Class- M.sc. I (Semester- II)

Subject: Socio-psycho aspects of clothing

Session:2019-20

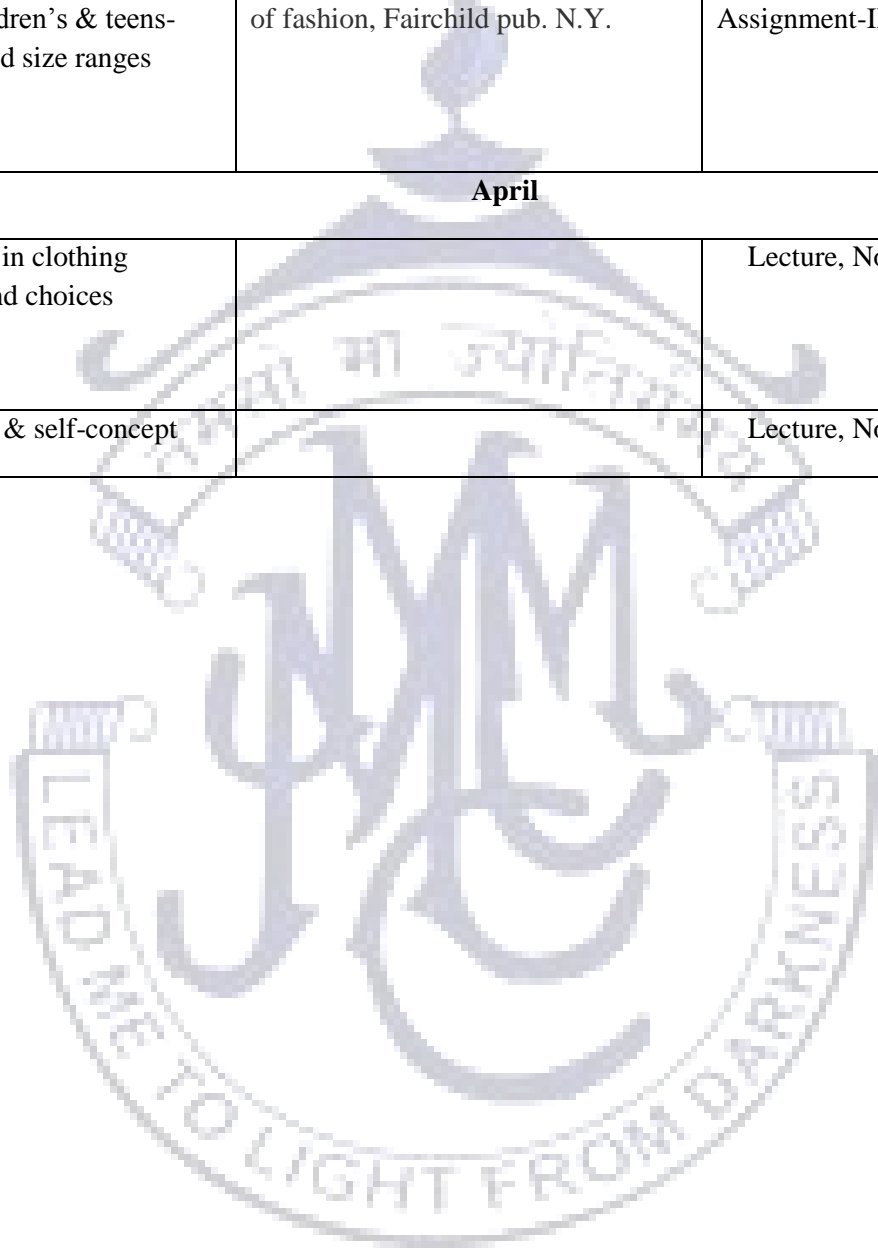
Syllabus/topics	Reference	Mode of Transaction	Additional resources
January			
Origin of clothing - different theories of origin of clothing	Fashion from Concept to Consumer by GiniSterphensFrings, N. Jersey, Prentice Hall-C, 1996 Leslie D.B.Bryane N, The business of fashion, Fairchild pub. N.Y.	Lecture, Discussion	
Modern philosophy of clothes 18 Page		Lecture, Notes/ICT	
Clothing and First		Lecture, Discussion	

UNIT PLANNING (SESSION 2019-20)

Impressions		Notes	
Clothing and Physical health		Lecture, Discussion Notes	
Clothing and Mental health		Lecture, Discussion Notes	
Clothing and colour- Importance of colour for different ceremonies, occasions, occupation, religion etc.	Textbook Of Clothing, Textiles And Laundry by Sushma Gupta, NeeruGarg, JaspreetKaur	Lecture, Assignment-I	
Clothing and social behavior		Lecture, Discussion	
February			
Conformity in Clothing		Lecture	
Influence of culture and religion on clothing.		Lecture, Discussion	
Introduction to Fashion- Fashion, Fads, Styles, classics, high fashion, mass fashion, design, trend, haute couture, couturiere, knockoffs and prêt-a-porter. Fashion Leaders and Followers	Fashion from Concept to Consumer by GiniSterphensFrings, N. Jersey, Prentice Hall-C, 1996	Lecture, Discussion/ICT	https://www.slideshare.net/MohaddesaDehghani/fashion-terminology-73084370
National & International designers National & International fashion centers		Lecture, Discussion/ICT	https://www.slideshare.net/suniltalekar1/fashion-terminology
March			
Fashion cycle, factors influencing fashion	Fashion from Concept to Consumer by GiniSterphensFrings, N. Jersey, Prentice Hall-C, 1996		
Theories of fashion adaptation –	Fashion from Concept to Consumer by GiniSterphensFrings, N. Jersey,		

UNIT PLANNING (SESSION 2019-20)

<p>a. Traditional fashion adoption (Trickledown theory) b. Reverse adoption (Bottom up theory) c. Mass Dissemination (Trickle across theory).</p>	<p>Prentice Hall-C, 1996</p>		
<p>Fashion apparel- women's, men's, children's & teens-category and size ranges</p>	<p>Leslie D.B. Bryane N, The business of fashion, Fairchild pub. N.Y.</p>	<p>Lecture, Assignment-II</p>	
<p>April</p>			
<p>Motivation in clothing selection and choices</p>		<p>Lecture, Notes</p>	
<p>Personality & self-concept</p>		<p>Lecture, Notes</p>	



MULTANI MAL MODI COLLEGE, PATIALA

UNIT PLAN

Class- M.Sc II (Semester- III)

Subject: Research Methodology

Session:2019-20

S.No	Syllabus/topics	Reference	Mode of Transaction	Additional resources
JULY				
18	Meaning and Objective of Research Type of Research a. Descriptive/Analytical Research. b. Applied v/s/ Fundamental Research. c. Qualitative/Quantitative Research d. Other types of Research. Significance of research and scientific method.	Research Methodology : Methods And Techniques (Multi Colour Edition) by C.R. Kothari	Lecture, Chalk board	
19	Research Process - Criteria of goods research.		Lecture, Chalk board	
20	Research Problem - Identification, selection and defining research problem		Lecture, Chalk board	
21	Research Design - Meaning and purpose of research design,		Lecture, Chalk board	
22	Features of a good research design, Different research designs.		Lecture, Chalk board	
AUGUST				
23	Measurement & scaling techniques.		Lecture, Chalk board	https://www.slideshare.net/ujjmishra1/measurement-and-scaling-

UNIT PLANNING (SESSION 2019-20)

				techniques
24	Sampling Design- Implication and steps involved in sample design	Research Methodology : Methods And Techniques (Multi Colour Edition) by C.R. Kothari	Lecture, Chalk board	
25	Criteria of selection of sample,			
26	Different types of samples.			
27	Collection of data - primary and secondary.			
SEPTEMBER				
28	Interpretation of data - Techniques of analysis and precautions in interpretation.	Research Methodology : Methods And Techniques (Multi Colour Edition) by C.R. Kothari	Lecture, Chalk board	
29	Role of Computer in Research		Lecture, Chalk board	https://www.slideshare.net/saravanansw/role-of-computers-in-research
OCTOBER				
30	Report Writing - Significance, Different Steps in report writing, Layout of report.	Research Methodology : Methods And Techniques (Multi Colour Edition) by C.R. Kothari	Lecture, Chalk board	
31	Mechanics of writing a research reports, Precautions of writing research report.	Research Methodology : Methods And Techniques (Multi Colour Edition) by C.R. Kothari	Lecture, Chalk board	

Class- M.Sc II (Semester- III)

Subject: Fashion Marketing and Merchandising

Session:2019-20

S.No.	Syllabus/topics	Reference	Mode of Transaction	
August				
1.	Understanding Fashion marketing - Introduction, Nature and scope, concept of Fashion marketing, Ethical issues in fashion marketing	Kotler, P-. Principles of Marketing	Lecture, Notes	https://www.businesstudynotes.com/marketing/principle-of-marketing/explain-the-marketing-process-in-detail/
2.	Fashion marketing process		Lecture, Notes	
3.	The fashion market- Development, size and structure of fashion market.The Fashion marketing environment (Micro and Macro)		Lecture, Discussion	https://studiousguy.com/marketing-environment/
4.	Fashion buyer Consumer market, Behavior of consumer in marketing. Fashion market planning process, Market strategies, and fashion marketing plan	Rosenau, J. A., Wilson David L. David.- Apparel Merchandising	Lecture, Notes	https://www.managementstudyguide.com/role-of-consumer-behaviour-in-marketing.htm
5.	Marketing Research –Marketing Research Process, Marketing Mix		Lecture/ Notes	Assignment -1
6.	Product – Concepts, levels of		Lecture/	https://productlif

UNIT PLANNING (SESSION 2019-20)

	product, product life cycle, new product development process, Product line & Mix Decisions		Notes	ecyclestages.com/new-product-development-stages
September				
7.	Pricing - Pricing objectives, Pricing methods and policies, factors influencing pricing		Lecture, Notes	https://www.businessmanagementideas.com/pricing-of-products-meaning-objectives-and-methods/7074
8.	Promotion - Advertising, Sales promotion, Public relations, Personal selling, Direct Marketing		Lecture/ Notes	
9.	Channels of distribution – Levels of distribution channels, factors influencing selection of distribution channels Physical Distribution: Functional areas of physical distribution, logistics decisions. International and domestic fashion markets:		Lecture/ Notes	Assignment -2
10.	Fashion Merchandising - Introduction, role and responsibilities of merchandiser, Types of merchandisers – Fashion Apparel merchandiser, Fashion export merchandiser, Apparel retail merchandiser		Lecture/ Notes	https://www.greatsamplersummary.com/job-responsibilities/fashion-merchandiser-responsibilities/
October				
11.	Fashion Forecasters, Merchandise planning, Merchandise Marketing	Easey, M.-Fashion	Lecture/	Assignment -2

UNIT PLANNING (SESSION 2019-20)

	Calendar	marketing	Notes	
12.	Pricing: pricing strategies, objectives, Costing, Calculation of material cost, Design specification sheet & cost sheet			https://www.businessmanagementideas.com/pricing-of-products-meaning-objectives-and-methods/7074
November 2019				
13.	Sourcing strategies: objectives, global sourcing, the role of merchandiser in sourcing, sourcing options, factors in sourcing decision, customer/vendor relationship, Domestic and International sourcing process	Easey, M.-Fashion marketing	Lecture/Notes	



UNIT PLANNING (SESSION 2019-20)

Class- M.Sc II (Semester- III)

Subject: Statistics

Session:2019-20

S.No	Syllabus/topics	Reference	Mode of Transaction
JULY			
1	Meaning and Scope of Statistics; Classification, graphic representation of data..		
2	Sampling: Methods of Sampling, Sampling and Non-sampling errors		Lecture, Chalk board
3	Measures of Central Tendency; Measures of Dispersion (absolute and relative) Probability: Elementary idea, Different		Lecture, Chalk board
4	Approaches to Probability, Calculation of Probability, and Theorems of Probability		Lecture, Chalk board
SEPTEMBER			
5	Correlation: Introduction, types, methods of measuring correlation (Karl Pearson's coefficient of correlation and rank correlation)		Lecture, Chalk board
6	Regression.		Lecture, Chalk board
7	Elements of testing of a statistical hypothesis. Problem formulation.		Lecture, Chalk board

UNIT PLANNING (SESSION 2019-20)

8	Applying T - Test for small samples for single mean, difference in means, F - Test for equality of variance		Lecture, Chalk board
OCTOBER			
9.	Application of chi-square tests		Lecture, Chalk board



Semester- IV**Class- M.sc. II (Semester- IV)Fashion Design and Technology****Subject: Introduction to Green fashion****Session:2019-20**

S. No.	Syllabus/topics	Reference	Mode of Transaction	Additional resources
January				
32.	Introduction to Green Fashion and its importance		Lecture, Notes	PPT
33.	Terminology(Eco friendly fabrics, sustainable fashion, organic clothing, Ethical fashion, Recycled fibers, up cycled fibers, slow fashion, ecosystem ,fair trade, Greenapsis, green technology)		Lecture, Notes	

UNIT PLANNING (SESSION 2019-20)

34.	Industrialization, eco-balance and textile ecology.		Lecture, Notes	
35.	Air, noise and water pollution by mechanical and chemical textile processing and their effect.		Lecture, Discussion Notes	https://www.slideshare.net/MdSirajulIslamSagor/process-pollution-pollution-control-in-textile
36.	Treatment and disposal of textile effluents. Treatment processes of sewage.		Lecture, Notes/ICT	https://textilelearner.blogspot.com/2013/06/effluent-treatment-plant-process.html
37.	Health hazards of textile workers working in various textile units and their remedial measures. Banned dyes and auxiliaries.		Lecture, Discussion Notes/ICT,	Health hazard of textile sfinishing workers - Slideshare www.slideshare.net/monaverma1/health-hazard-of-textile-sfinishin..
February				
38.	Different Fibers for Green Clothing and their characteristics- Organic Cotton, Wool, Soy, Hemp, Pina, Nettle,			

UNIT PLANNING (SESSION 2019-20)

	Tencel			
39.	Eco-friendly production and processing for Green Clothing- Natural, Synthetic&Regenerated		Lecture, Discussion/ICT	
40.	Refashioning and recycling of Green Clothing		Discussion, Assignment-I	
41.	Green Fashion and its effect on Consumers		Lecture/Notes	
42.	Green fashion movement and organizations		Lecture/Notes	
March				
43.	Role of various Brands and celebrities revolutionizing Green Fashion		Lecture/Notes	
44.	International Designers(Mark Morris, Andrew Sorensen, Elena Gracia) and Brands (Ethitcus, Hidesign)of Green Fashion		Lecture, Assignment-II	
45.	National Designers(Swati Argade, Anita Dongre, SamantChouhan) and Brands(Bhu:Sattva, Do u speak green, Fab India, Mother Earth, Samatana) of Green Fashion		Lecture, Notes	
46.	Eco labelling		Lecture, Notes	
April				
47.	Carbon footprint in the textile and apparel industry.		Lecture, Notes	
48.	Role of entrepreneurship skills in fashion and garment industry		Lecture, Notes	



UNIT PLANNING (SESSION 2019-20)

Class- M.sc. II (Semester- IV)

Subject: Garment Production Management And Entrepreneurship

Session:2019-20

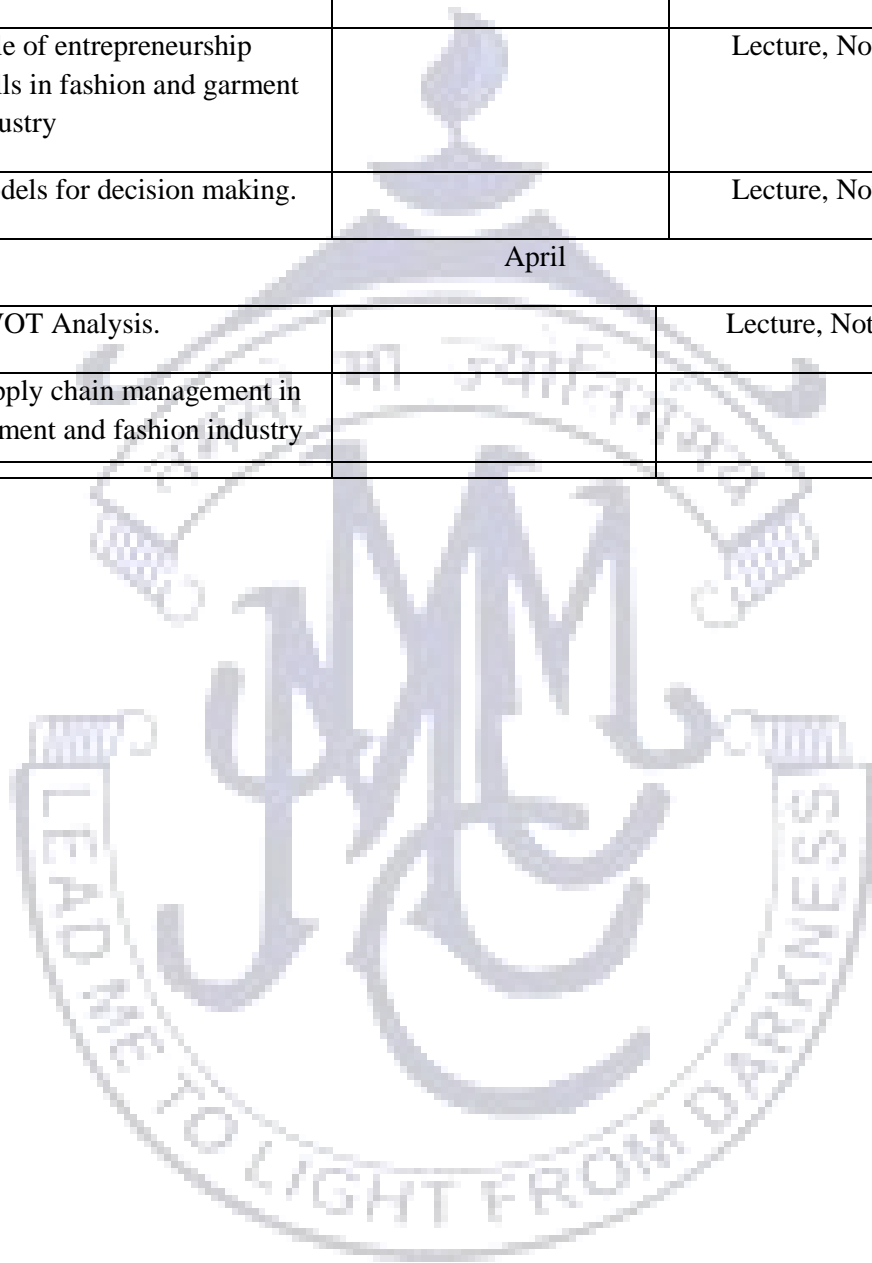
S. No.	Syllabus/topics	Reference	Mode of Transaction	Additional resources
January				
1.	Organizational structure of Apparel Industry	Introduction to Clothing Production Management, A.J. Chutler.	Lecture, Notes	
2.	Principles of Management	Fashion from concept to consumer - G.S. Frings	Lecture, Notes	
3.	Working of various departments in apparel industry - Design Departments Marketing Departments Finance Departments Purchasing Departments Production Department Operation department		Lecture, Discussion Notes/ICT,	
4.	Manufacturing Technology Cutting & Cutting Room (i) Marker planning (ii) Method & use of marker plan.		Lecture,Notes/ICT,	https://www.slideshare.net/sheshir/marker-making
5.	Methods of spreading of fabric and requirements of the spreading process. Cutting the fabric – objectives and methods of cutting fabric.		Lecture, Discussion Notes/ICT,	https://www.slideshare.net/Farhanullahbaig/fabric-spreading-72936786

UNIT PLANNING (SESSION 2019-20)

6.	Fusing Technology.		Lecture, Assignment I	
7.	Sewing Technology Sewing – properties, types Stitch – types Sewing Machines, machines Needles.		Lecture, Discussion, notes	
February				
8.	Use of components and Trims	Introduction to Clothing Production Management, A.J. Chutler.	Lecture, notes	
9.	Sewing threads – types of fiber, construction and furnish, thread size, thread package thread costs, thread properties and seam performance.		Lecture, Discussion/ICT	
10.	Alternative Methods of forming materials Fusing Welding and adhesives Moulding, Pressing Technology		Lecture/ICT	PPT https://www.slideshare.net/Shadlbnashoie/Oshin/alternate-method-of-joining-in-apparel-sector
11.	Ware Housing		Lecture/Notes	
March				
12.	Quality Control - essential characteristics of quality, Fabric and garment defects, Testing of garment.	Introduction to Clothing Production Management, A.J. Chutler.	Lecture, Assignment- II	
13.	Techniques of quality control- Kaizon, 5S, TPM (total production maintenance), TQM (total quality management),		Lecture, Notes	
14.	Lean manufacturing -Toyota production system, 6 sigma tool for quality control, Fabric inspection system & limitation, Inspection planning, Dallas system,		Lecture, Notes	

UNIT PLANNING (SESSION 2019-20)

	Inline inspection.				
15.	Introduction to Entrepreneurship- Characteristics and development Various essential aspects of entrepreneurship.		Lecture, Notes		
16.	Role of entrepreneurship skills in fashion and garment industry		Lecture, Notes		
17.	Models for decision making.		Lecture, Notes		
April					
18.	SWOT Analysis.		Lecture, Notes		
19.	Supply chain management in garment and fashion industry				



UNIT PLANNING (SESSION 2019-20)

Class- M.sc. II (Semester- IV)

Subject: world Textiles

Session:2019-20

S. No.	Syllabus/topics	Reference	Mode of Transaction	Additional resources
January				
1.	Textile industry in ancient civilization		Lecture	Assignment -I
2.	World Textile, history construction, Techniques, style, colors, Motifs and Center of Production-Emb. Textile	a) Parul,B, Traditional Indian Textile, Abhishek Publication Chandigarh	Lecture, Discussion, Chalk Board	
3.	World Textile, history construction, Techniques, style, colors, Motifs and Center of Production- Resist dyed Textile	c) Naik S.D. Tradition Embroideries of India, A.P.H Publishing Corporation, New Delhi 2002	Lecture, Discussion	
February				
4.	World Textile, history construction, Techniques, style, colors, Motifs and Center of Production- Hand Painted Textile		Lecture, Discussion, Chalk Board	
5.	World Textile, history construction, Techniques, style, colors, Motifs and Center of Production- Printed Textile		Lecture, Discussion	
6.	Carpet & Rugs – Middle & Far East	Gillow John and Sentence Bryan (1993) World Textiles, A Bulfinch Press Book, LondonShenai A.A. History of Textile Design I. Sevak Publication, Mumbai 1992	Lecture, Discussion	
March				
7.	Brocades		Lecture,	

UNIT PLANNING (SESSION 2019-20)

			Discussion	
8.	Tapestries		Lecture, Discussion	
9.	Shawls		Lecture, Discussion	
10	Conservation & Restoration of textile	The Textil conservator's Manual, Butterworth;s& Co. London Harris,	Lecture, Discussion	
April				
11	Deterioration mechanism & agents		Lecture, Discussion	
12	Housing		Lecture, Discussion	



