

Undergraduate Programmes, 2023 May

B.Sc. Textile Science and Fashion Design

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Terminologies Abbreviation	Full-form	Remarks	Related to Major and Minor Courses
Major (Core)	Main Discipline		
Major (Elective)	Elective Options		related to the Major Discipline
Minor Stream	Other Disciplines (Inter/Multidisciplinary) not related to the Major	either from the same Faculty or any other faculty	
OEC	Open Elective Courses/Generic		Not Related to the Major and Minor
VSEC	Vocational and Skill Enhancement Courses		
VSC	Vocational Skill Courses		Not Related to the Major and Minor
SEC	Skill Enhancement Courses		Not Related to the Major and Minor
AEC	Ability Enhancement Courses	Communication skills, critical reading, academic writing, etc.	Not Related to the Major and Minor
VEC	Value Education Courses	Understanding India, Environmental science/education, Digital and technological solutions, Health & Wellness, Yoga education, sports, and fitness	Not Related to the Major and Minor
IKS	Indian Knowledge System	I. Generic IKS Course: basic knowledge of the IKS II. Subject Specific IKS Courses: advanced information pertaining to the subject: part of the major credit.	Subject Specific IKS related to Major
OJT	On-Job Training (Internship/Apprenticeship)	corresponding to the Major Subject	Related to the Major
FP	Field projects	corresponding to the Major Subject	Related to the Major

CC	Co-curricular Courses	Health and Wellness, Yoga education sports, and fitness, Cultural Activities, NSS/NCC and Fine/ Applied/Visual/ Performing Arts	Not Related to the Major and Minor
CE	Community Engagement and service		Not Related to the Major and Minor
RP	Research Project	corresponding to the Major Subject	Related to the Major

Tentative Template

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Programme Template:

Programme Degree e.g. B.A./B.Com./B.Sc./ B.M.S., etc.		B.Sc.
Parenthesis if any (Specialization) e.g. History, Human Development, English, etc.		Textile Science and Fashion Design
Preamble (Brief Introduction to the programme)		The Four year B.Sc. Textile Science and Fashion Design program will enable students to acquire knowledge of traditional, contemporized textiles, fiber, yarn study, fabric construction and weave analysis. Students will also get acquainted with traditional and current trends through fashion illustration and fashion designing. They will opt for adequate subject knowledge and skills so that they are employed at each exit point of the program.
Programme Specific Outcomes (PSOs)		After completing this programme, Learner will
<i>Action Verbs demonstrating (Major) discipline-related knowledge acquisition, mastery over cognitive and professional, vocational skills are to be used e.g. demonstrate sound understanding of.., analyse, compare, create, design, etc.. (minimum 5)</i>	1.	Develop knowledge of traditional costumes, textiles and embroideries as well as of current fashion trends.
	2.	Analyse varied aspects of fashion studies, fashion illustration and accessories used in the fashion industry.
	3.	Inculcate the skills of sketching, textile designing, fabric ornamentation and fashion apparel designing.
	4.	Develop capacities in the areas of Textile and Garment Quality Control, Wet Processing and Fabric Construction and Analysis.
	5.	Apply knowledge and competencies as graduates to address community at large.
	6.	Provide employment opportunities to become work with successful entrepreneurs and to provide platform in textile manufacturing industries.
	7.	Participate effectively as responsible professionals who can contribute substantively to the national development.
Eligibility Criteria for Programme		XII th Std. from Arts, Commerce, Management, Home Science, Fashion Design.
Intake (For SNTD WU Departments and Conducted Colleges)		

- *External Examination does not always mean Theory paper. It may practical examination, Product submission, projects, etc. checked by external examiners.*

- *Internal evaluation should not be Written Theory papers like Unit tests. Internal marks will be acquired through practical, small group or individual Projects, activities, presentations, seminars, workshops, products, assignments, application-based work, reports, etc.*
- Practical may be part of the main courses alongwith theory modules instead of having separate courses of practical work.

Structure with Course Titles

(Options related to our area of study to be provided with "OR" for baskets of different types)

SN	Courses	Type of Course	Credits	Marks	Int	Ext
Semester I						
1.1	Textile Science and Fashion Design (Th.+ Pr.)	Major (Core)	4	100	50	50
1.2	Basic Fashion Illustration (Pr.)	Major (Core)	2	50	0	50
1.3	Applied Science (Th. + Pr.)	OEC	4	100	50	50
1.4	Basics of Embroideries (Pr.)	VSC	2	50	50	0
1.5	Employability skills (Pr.)	SEC	2	50	50	0
1.6	English –I (Th.)	AEC	2	50	0	50
1.7	Indian Historic costumes (Th.)	IKS	2	50	0	50
1.8	Environmental Science (Th.)	VEC	2	50	50	0
1.9	Yoga and Meditation (Pr.)	CC	2	50	50	0
			22	550	300	250
Semester II						
2.1	Basic Pattern Making and Grading (Pr.)	Major (Core)	4	100	50	50
2.2	Fashion Studies (Th.)	Major (Core)	2	50	0	50
2.3	Surface Ornamentation on Textile (Pr.)	Minor Stream	2	50	0	50
2.4	Professional Communication (Th.+Pr.)	OEC	4	100	50	50
2.5	Textile Craft (Pr.)	VSC	2	50	0	50
2.6	Introduction to Retailing (Th.)	SEC	2	50	50	0
2.7	English –II (Th.)	AEC	2	50	50	0

2.8	Financial Literacy (Th.)	VEC	2	50	0	50
2.9	Zumba and Aerobics (Pr.)	CC	2	50	50	0
			22	550	250	300

Exit with UG Certificate with 10 extra credits (44 + 10 credits)

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SN	Courses	Type of Course	Credits	Marks	Int	Ext
Semester III						
3.1	Traditional Textiles and Embroideries of India (Th. + Pr.)	Major (Core)	4	100	50	50
3.2	Advanced Fashion Illustration (Pr.)	Major (Core)	4	100	50	50
3.3	Advanced Pattern Making (Pr.)	Minor Stream	4	100	50	50
3.4	Media Skill Development (Th.)	OEC	2	50	0	50
3.5	Accessory Designing (Pr.)	VSC	2	50	50	0
3.6	Modern Indian Language (Marathi) (Th.)	AEC	2	50	0	50
3.7	Fabric Studies (Pr.)	FP	2	50	50	0
3.8	Personal Health and Hygiene (Th.)	CC	2	50	50	0
			22	550	300	250
Semester IV						
4.1	Fashion Apparel Design (Pr.)	Major (Core)	4	100	50	50
4.2	Textile Science (Th. + Pr.)	Major (Core)	4	100	50	50
4.3	Home Furnishing (Th.+ Pr.)	Minor Stream	4	100	50	50
4.4	Consumer Studies (Th.)	OEC	2	50	0	50
4.5	Digital Marketing (Pr.)	SEC	2	50	0	50
4.6	Modern Indian Language (Th.)	AEC	2	50	0	50
4.7	NSS/ Sports (Pr.)	CEP	2	50	50	0
4.8	Community Training Program in Textile and Fashion (Pr.)	CC	2	50	50	0
			22	550	250	300

Exit with UG Diploma with 10 extra credits (44 + 10 credits)

SN	Courses	Type of Course	Credits	Marks	Int	Ext
	Semester V					
5.1	Wet Processing (Th.+ Pr.)	Major (Core)	4	100	50	50
5.2	Fabric construction and Analysis (Th.+ Pr.)	Major (Core)	4	100	50	50
5.3	Textile Chemistry (Th.)	Major (Core)	2	50	0	50
5.4	Textile Design and Printing (Th.+ Pr.)	Major (Elective)	4	100	50	50
5.5	Eco Textile (Pr.)	Minor Stream	4	100	50	50
5.6	Entrepreneurship Development (Th.)	VSC	2	50	50	0
5.7	Field Project in Traditional Indian Arts and Crafts (Pr.)	FP/CEP	2	50	50	0
			22	550	300	250
	Semester VI					
6.1	Textile Garment and Quality Control (Th.+ Pr.)	Major (Core)	4	100	50	50
6.2	Recent Advances in Textiles Science and Fashion Design (Pr.)	Major (Core)	4	100	50	50
6.3	Theory of Knitting (Th.)	Major (Core)	2	50	0	50
6.4	Fundamentals of Fashion Merchandising and Marketing (Th.)	Major (Elective)	4	100	50	50
6.5	Fashion Photography (Th. + Pr.)	Minor Stream	4	100	50	50
6.6	Internship in Textile Industry/ Boutique/ Dyeing Printing Unit (Pr.)	OJT	4	100	50	50
			22	550	250	300

Exit with Degree (3-year)

4-Year Degree with Honors

SN	Courses	Type of Course	Credits	Marks	Int	Ext
Semester VII						
7H.1	Computer Application in Fashion and Apparel Designing (Pr.)	Major (Core)	4	100	50	50
7H.2	Basics of Draping (Pr.)	Major (Core)	4	100	50	50
7H.3	Fashion and Sustainable Development (Th. + Pr.)	Major (Core)	4	100	50	50
7H.4	Technical Textiles (Th.)	Major (Core)	2	50	50	0
7H.5	Portfolio Development (Pr.)	Major (Elective)	4	100	50	50
7H.6	Research Methodology (Th.)	Minor Stream (RM)	4	100	50	50
			22	550	300	250
Semester VIII						
8H.1	Fashion Range Development (Pr.)	Major (Core)	4	100	50	50
8H.2	Advanced Draping (Pr.)	Major (Core)	4	100	50	50
8H.3	Fashion Show (Pr.)	Major (Core)	4	100	50	50
8H.4	Garment Technology (Th.)	Major (Core)	2	50	0	50
8H.5	Scientific Writing (Th.)	Major (Elective)	4	100	50	50
8H.6	Internship in Textile Industry/Boutique/Dyeing Printing Unit (Pr.)	OJT	4	100	50	50
			22	550	250	300

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Course Syllabus

Semester I

1.1 Major (Core)

Course Title	Introduction to Textile Science and Fashion Design (Theory + Practical)
Course Credits	4 (2+2)
Course Outcomes	After going through the course, learners will be able to
	1. Adapt knowledge of types of fibers, yarns, weaves and labels.
	2. Acquaint about general principles of clothing construction, selection, use and care.
	3. Infer the selection of clothing as per the occasion.
Module 1(Credit 1)	
Learning Outcomes (Specific related to the module. e.g., Define, Differentiate, Carry out, Design, etc.)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> Summarize the essentials of textile terms and concepts.
	<ul style="list-style-type: none"> Acquaint with general principles of clothing construction and their selection.
	<ul style="list-style-type: none"> Study the textile fibers in detail.
Content Outline	<p>Understanding the basics of textiles.</p> <ol style="list-style-type: none"> Introduction to textiles: Scope and importance of textiles, general properties and classification of textile fibers. Primary and secondary properties of fibers. Yarn construction: Types of yarns- single, ply, cable and cord & texturized yarns. Fiber Manufacturing Processes: Introduction to fabric construction and basic weaves.
Module 2(Credit 1)	
Learning Outcome: (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> Adapt knowledge of fashion Analyze different factors affecting selection of clothing
Content Outline	1. Introduction to Fashion history, types of fashion, Scope and

	<p>importance of fashion, Anthropometric body measurements</p> <ol style="list-style-type: none"> 2. Fashion theory, fashion forecasting, selection of color, understanding colors <p>Selection of Clothing:</p> <ol style="list-style-type: none"> 3. Buying points for readymade garments, labels, fiber content, brand, etc. 4. Selection of clothing as per occasion- casual, formal, occasional, sportswear.
Course Title	Introduction to Textile Science and Fashion Design (Practical)
Course Outcomes	<p>After going through the course, learners will be able to</p> <ol style="list-style-type: none"> 1. Make the students aware of the use of sewing machine. 2. Perceive the drafting, placement and cutting of basic garments. 3. Develop skill in stitching the garments with good finishing in stipulated time. 4. Interpret the basic techniques of garment construction.
Module 3(Credit 1)	
Learning Outcome: (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Make use of sewing machine and care of sewing machine ● Develop skills in preparing garments as per trend
Content Outline	<p>Basics of Clothing Construction:</p> <ol style="list-style-type: none"> 1. Introduction to basic sewing fashion maker machine- demonstration of machines 2. Basics of clothing- Basic Seams- Plain, French, Flat and Fell, Lap- (Plain and with gathers) 3. Basic neckline finishing (Round, Square and V neck)
Module 4(Credit 1)	
Learning Outcomes (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Learn the method of taking body measurements for garment stitching. ● Learn the drafting, placement and cutting of basic garments.

Content Outline	<u>Personal Clothing Construction and Stitching:</u> <ul style="list-style-type: none">● Stitching of the following garment<ol style="list-style-type: none">1. Skirt- (As Per Trend) Without yoke- simple pattern
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	<p>2. Simple Top (as Per Trend) Simple pattern, without darts, simple sleeves, without placket, side slit (as per choice), no collar</p>
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Evaluation

1. Module 1 and 2- Internal Theory evaluation=25 marks
2. Module 3 and 4- Comprehensive Continuous Evaluation (CCE) =25 marks
3. Total Internal Theory + Practical evaluation = 50 marks
4. External Theory Exam on Module 1 & 2= 50 marks
5. Internal +External = 50 + 50=100

References:

1. Bane A., (1956) *Creative Clothing Construction* New York: Mc. Graw Hill Book Co.
2. Bradsford B.T. (1992) *Textiles: Properties & behavior in clothing use* London Edward Miller.
3. Brown P. and Rice J (2000) *Ready to Wear apparel Analysis* (3rd Edition) Prentices Hall.
4. Carson B. (1959) *How you look to dress*, Mc. Graw Hill Book Co.
5. Gini S.F. (2007) *Fashion from Concept to Consumer* (9th Ed.) New Jersey Prentice Hall.
6. Gohl E.P. and Velensky L.D. (1983) *Textile Science*, Melbourne: Longman Cheshire Pvt. Ltd.
7. Handbooks of American Association of Home Economics
8. Kefgan & Phyllis T. (2000) *Individuality in Clothing Selection and Personal*
9. Lyle D. (1977) *Performance of textile for testing*, John Wiley & Sons New York.
10. Norma & Saddler (1998) *Textiles* (16th edition) New York, Macmillan Publishing Co. Holland. *Appearance- a Guide for the Consumer*, Specht & Mac Millan publication, Upper Saddle River Prentice Hall Inc.

1.2 Major (Core)

Course Title	Basic Fashion Illustration
Course Credits	0+2
Course Outcomes	After going through the course, learners will be able to
	1. Develop sketching skills with a focus on proportion, movement, and style.
	2. Enable to develop skills in designing fashion accessories
	3. Develop skills to visually communicate design ideas through illustrations, including garment details, textures, and color palettes.
	4. Enhance ability to draw fashion figures and clothing
Module 1(Credit 1)	
Learning Outcomes (Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> ● Acquire the skill to sketch fashion figures and garments, with a focus on proportion, movement, and style. ● Develop the skills in making of Croqui and its movement.
Content Outline	<ol style="list-style-type: none"> 1. Basics of design <ul style="list-style-type: none"> ● Elements and Principles of design 2. Human Anatomy <ul style="list-style-type: none"> ● Introduction to human anatomy and proportions 3. Croqui and movement. <ul style="list-style-type: none"> ● Croqui and movement - showing different movements and mechanical poses (leg and hand movement, front and 3/4 view)8 head, 10 head and 12 head croqui for women, men and Children
Module 2(Credit 1)	
Learning Outcomes (Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> ● Determine the ability to visually communicate design ideas through fashion illustrations. ● Examine the law of fabric suspension.

Content Outline	<ol style="list-style-type: none"> 1. Accessory designing <ul style="list-style-type: none"> ● Accessory details to show Indian and western look that go well with the garment (1 or 2 examples to give basic concepts) such as jewelry, bags, shoes, hats, watches, purses , umbrella, hairstyle, etc. 2. Basic necklines, color, sleeve and variation. <ul style="list-style-type: none"> ● Drawing of different neckline patterns (any 10) ● Drawing of different color patterns in (any 10) ● Drawing of different sleeve pattern any (any 10) 2. Law of fabric suspension <ul style="list-style-type: none"> ● Rendering different fabrics and fall such as cotton, chiffon, silk, pleats, frills, ruffles, gathers, denim, leather for Terry Pile effect, etc. adoption of any three fabrics on garment . ● Type of skirt (any 5) ● Type of pants (any 5)
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Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

- 1) Continuous internal evaluation of 50 marks
- 2) Two Modules = 25 marks each
- 3) No External examination
- 4) Total: Internal = 50 marks

References

1. Khurana P. Sethi M., (2007) *Introduction to Fashion Technology* Laxmi Publications.
2. Chapman N., Cheek J. (2012), *Creative Fashion Drawing: A Complete Guide to Design and Illustration Styles* (Essential Guide to Drawing), Arcturus Publishing Ltd
3. Lafuent M. (2008), *Fashion Illustration Techniques (Drawing)*, Taschen GmbH Publishing
4. Singhal R., Bharali K. (2010) *Fashion Rendering*, Om books publications
5. Karampuri D., Bhosale J. (2012). *Liberty Fashion Sketch Book*, Liberty Publication
6. Takamura Z., (2012), *Fashion Illustration Techniques*, Rockport Publishers
7. Mc Kelvey, Janine K. W., (2007), *Illustrating fashion*, Blackwell Publishers Ltd
8. Takamura Z., (2012), *Fashion Illustration Techniques: A Super Reference Book for Beginners* Paperback – Import,
9. Manuela Brambatti M., (2017) *Fashion Illustration and Design: Methods & Techniques for Achieving Professional Results*, Promo press.

OE (OEC)

Semester I

Course Title	Applied Science (Theory & Practical)
Course Credits	4 (2+2)
Course Outcomes	After going through the course, learners will be able to
	<ol style="list-style-type: none">1) Apply the importance of science in daily life2) Develop analytical attitude3) Acquire scientific way of thinking4) Build scientific knowledge
Module 1 (Credit 1)	
Learning Outcomes <i>(Specific related to the module. e.g., Define, Differentiate, Carry out, Design, etc.)</i>	After learning the module, learners will be able to
	<ul style="list-style-type: none">● Inculcate scientific temper in the students and develop scientific, analytical attitude.● Apply the knowledge of chemistry with respect to food, textiles, medicine, harmful chemicals & Industries.● Examine the use and importance of chemistry in day to day life.
Content Outline	<p>1) Review of Basic Chemistry</p> <ul style="list-style-type: none">• Important definitions• Difference between Organic & Inorganic Compounds• Functional groups• Bohr's model of atom• Atomic number & electronic configuration <p>1) Soaps & Detergents</p> <ul style="list-style-type: none">• Saponification reaction• Cold and hot process of soap making• Difference between soaps and detergents• Cleansing action <p>3) Drugs and Pharmaceuticals</p> <ul style="list-style-type: none">• Properties of good drug• Meaning of important terms with eg Analgesic Antipyretic Antacid, Antibiotic. Diuretic, anti- inflammatory, Laxatives, Sulfa drugs• Common drugs- use and side effects of Aspirin, Paracetamol.

	<p>Sulphanilamide</p> <p>4) Dyes</p> <ul style="list-style-type: none"> • Definition important terms like chromophore, auxochrome, chromogen • Classification based on application • Examples and uses of different dyes in food, textile, medicine, laboratory, etc & their hazards <p>5) Polymers</p> <ul style="list-style-type: none"> • Introduction • Define-monomer, polymer, polymerization <p>Some important polymers and their structure & uses polyethylene, polyester, polyvinyl chloride</p>
Module 2 (Credit 1)	
<p>Learning Outcome: (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)</p>	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> • Acquire the basic knowledge of the fundamentals of biological sciences • Apply the knowledge of the biological processes to everyday life.
<p>Content Outline</p>	<p>1) Cell</p> <ul style="list-style-type: none"> • As the basic unit of life • Types of cells • Salient features of animal cell Introduction to Micro-organism <p>2) Introduction to Micro-organism</p> <ul style="list-style-type: none"> • Bacteria- Structure; Classification based on response to O₂, nutrition. Importance of bacteria. • Fungi- Morphology of molds and yeasts. • classification, beneficial and harmful aspects • Virus- Morphology, Classification based on nucleic acid content and hosts <p>3) Genetics and Heredity</p> <ul style="list-style-type: none"> • Origin of the term gene • Chemical basis of heredity organization of human genome, sex determination, monogenic and polygenic traits, patterns of

	<p>inheritance-autosomal, recessive and sex- linked inheritance Mutation and its type, abnormalities in chromosome number</p> <p>4) Genetic Engineering and Biotechnology</p> <ul style="list-style-type: none"> • Definition of the terms • Methodology of gene cloning in brief <p>1. Application of genetic engineering in plants-insects & virus resistant plants. plants with improved characters</p> <p>2. Application in human medicine- pharmaceuticals, thallemia oncogenes, interferon, production of growth hormone, human insulin ELISA.</p>
Module 3 (Credit 1)	
<p>Learning Outcome: (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)</p>	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> • Develop the ability to work systematically in laboratory. • Develop the skills for simple chemical procedures
<p>Content Outline</p>	<p>Applied Chemistry</p> <ol style="list-style-type: none"> 1) Introduction to chemistry lab & apparatus, 2) Neutralization of strong acid with strong base (HCl & NaOH) 3) Neutralization of weak base with strong acid (Na₂CO₃, & H₂SO₄.) 4) Neutralization of weak acid with strong base (Oxalic acid & NaOH) 5) Oxidation reduction reaction (Oxalic acid & KMnO₄) 6) pH determination of various solutions: acid, base and neutral (two household example for each) 7) Preparation of soap bar 8) Viscosity measurement water, oil, shampoo by Oswald's viscometer
Module 4 (Credit 1)	
<p>Learning Outcomes</p>	<p>After learning the module, learners will be able to</p>

<p>(Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)</p>	<ol style="list-style-type: none"> 1) Acquire knowledge of various micro- organisms and the required skills to study them. 2) Apply this knowledge in day to day life
<p>Content Outline</p>	<p>Applied Biology</p> <ol style="list-style-type: none"> 1) Study and care of microscope 2) Observation of motility of bacteria by Hanging drop method (<i>E-coli</i> / <i>Proteus</i>) 3) Observation of bacteria by the simple: monochrome staining method (Hay infusion culture or milk) 4) Gram staining of bacteria in buttermilk 5) To observe common pathogenic bacteria (any 6 -permanent slides) 6) Observation of fungi on different food materials 7) To observe common pathogenic protozoa (permanent slides of <i>Entamoeba histolytica</i> and <i>Plasmodium vivax</i>) 8) Study of medicinally important plants (projects)

Evaluation

1. Module 1 and 2- Internal Theory evaluation=25 marks
2. Module 3 and 4- Comprehensive Continuous Evaluation (CCE) =25 marks
3. Total Internal Theory + Practical evaluation = 50 marks
4. External Theory Exam on Module 1 & 2= 50 marks
5. Internal +External = 50 + 50=100

References

1. Bruce Alberts, Karen Hopkin, Alexander D. Johnson (2019) *Essential Cell Biology*, W. W. Norton publication
2. P. Joshi (2008) *Genetic Engineering and Its Applications*, Student Edition
3. Pelczar NIS, Chan F.CS. Krieg NR (1990) *Microbiology*. Tata Me Grow Hill.
4. Qiang-Sheng Wu, Ying-Ning Zou, Fei Zhang (2021) *An Introduction to Microorganisms*, edited book Nova Science Publishers.
5. Tariq Ahmad Bhat, Jameel M. Al-Khayri (2023) *Genetic Engineering: Volume: 2 Applications, Bioethics, Biosafety*, CRC Press, Tylor & Francis Group
6. Thomas Dean Pollard, William C. Earnshaw, Jennifer Lippincott-Schwartz, Graham T. Johnson, Graham Johnson (2023) *Cell Biology*, Elsevier publication.

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Semester I

1.3 VSC

Course Title	Basic Embroideries
Course Credits	0+2
Course Outcomes	After going through the course, learners will be able to
	1. Acquire knowledge of various basic embroideries
	2. Acquaint with different materials, motifs and colours used in various embroideries
	3. Develop skills in different types of stitches used in basic embroideries
	4. Develop products/articles by using basic embroideries
Module 1 (Credit 1)	
Learning Outcomes (Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> ● Comprehend the key characteristics and features of each embroidery stitch. ● Adapt skills of various embroideries and their application.
Content Outline	1. Embroidery stitches Running Stitch, Back stitch, Stem Stitch, Buttonhole Stitch, Chain stitch, Laizy daisy stitch, Feather stitch, French knot and bullion knot stitch, Cross stitch, Herringbone stitch, Long and short stitch, Satin stitch (Make a sample of each embroidery)
Module 2 (Credit 1)	
Learning Outcomes (Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> ● Apply the appropriate embroidery stitch for specific design elements or patterns. ● Acquire the skill to combine different stitches to produce unique and artistic embroidery designs.

Content Outline	1. Design and prepare article (any one by using above mentioned stitches) Table mats /cushion covers/shopping bag/tote bag /table runner /stole /dupatta etc. (one article of 25 marks)
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Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

- 1) Continuous internal evaluation of 50 marks –(Journal Preparation with sample)
- 2) Two Modules - 25 marks each
- 3) No External examination
- 4) Total: Internal = 50 marks

References:

1. Barnden B., (2003), *The Embroidery Stitch Bible*, Krause Pubns Inc.
2. Bumpkin C., (2015), *A-Z of Embroidery Stitches (A To Z of Needlecraft)*, Search Press Publications
3. Ganderton L., (2022) *Embroidery*, DK Eyewitness Books
4. Harlow E., (1989), *The New Anchor Book of Crewel Stitches and Patterns*, David and Charles Publishers.
5. Rainbow J., (1999), *Beginner's Guide to Crewel Embroidery*, Search Press Publications.
6. Wyszynski L., (2012), *The Complete Photo Guide to Needlework*, Quarry Books Publications.
7. Thomas M., (2018), *Mary Thomas's Dictionary of Embroidery Stitches*, Search Press Ltd
8. Amor S., (2018), *Crewel Embroidery: A Practical Guide*, Sally Milner Publishing Pty. Ltd.
9. The Royal School of Needlework, (2018), *Book of Embroidery: A Guide to Essential Stitches, Techniques, and Projects*, Search Press Publications

1.4 SEC (VSEC)

Course Title	Employability Skills
Course Credits	2+0
Course Outcomes	After going through the course, learners will be able to
	1. Outline the foundational concepts of employability skills
	2. Develop proficiency in both verbal and written Communication.
	3. Adopt knowledge of different leadership styles and the ability to delegate tasks and effectively manage a team.
	4. Plan and deliver compelling presentations
	5. Acquire the skills needed to draft a persuasive resume
Module 1 (Credit 1)	
Learning Outcomes (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> ● Comprehend the Significance of Employability Skills ● Acquire a deep understanding of the importance of employability skills in the context of the professional world
Content Outline	<p style="text-align: center;">Foundational Employability Skills.</p> <ol style="list-style-type: none"> 1. Introduction to Employability Skills, Understanding the importance of employability skills 2. Effective communication skills, both verbal and written, e- communication, Professional etiquettes in communication.
Module 2 (Credit 1)	
Learning Outcomes (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> ● Develop a comprehensive understanding of leadership styles ● Acquire the skills to plan and deliver compelling presentations.

Content Outline	Advanced Employability Skills <ol style="list-style-type: none"><li data-bbox="524 222 1357 317">1. Leadership and Management, understanding leadership styles, delegating tasks, and managing a team, Presentation and Public Speaking.<li data-bbox="524 317 1325 384">2. Planning, and delivering effective presentations, overcoming public speaking anxiety.<li data-bbox="524 384 1386 451">3. Job Search, and Interview Preparation, drafting a resume and cover letter, Job search strategies and interview techniques,
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	Applying employability skills in real-life scenarios.
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Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. Module 1 & 2 Internal Theory evaluation= 25 marks
2. External evaluation = 25 marks
3. Internal +External = 25 + 25=50 marks

References:

1. Geetha Nagaraj G., (2006), *A course in Grammar and Composition*, Cambridge University Press India Pvt. Ltd.
2. Konar N., (2011) *Communication Skills for Professionals* PHI learning Pvt. Ltd.
3. Enhancing English and Employability Skills by State Board of Technical Education.
4. Raju M., (2016), *Cracking the Job Interview: The Power of Being Prepared*, Pustak Mahal.
5. Arthur R., (2011), *English Skills for Technical Students by British Council*, Orient Black Swan.
6. Sharma J.P. (2020), *The Art of Public Speaking*, S. Chand Publishing.
7. Krishnan G., (2015), *The Business of Life: Corporate Skills for Success*, Penguin Random House, 2015.
8. Kumar S. (2017), *Communication Skills*, Dorling Kindersley.

1.5 IKS

Course Title	Indian Historic Costumes (Theory)
Course Credits	2 (2+0)
Course Outcomes	After going through the course, learners will be able to
	1. Comprehend knowledge on historic costumes of India.
	2. Study the design and constructional details of costumes of India.
	3. Compare and contrast the constructional details of upper and lower costumes of India
	4. Identify the changes happened in various eras.
Module 1 (Credit 1)	
Learning Outcomes (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> ● Study the evolution of costumes of India ● Adapt knowledge on historic costumes of India.
Content Outline	<ol style="list-style-type: none"> 1. History of Indian costumes 2. Earlier Decoration Techniques Types of ornaments, Tattooing, mutilation and other skin decoration 3. Historic approach from ancient period to 20th Century. 4. Costume in Harappa and Mohan-jo-daro 5. Costume of Aryans
Module 2 (Credit 1)	
Learning Outcome: (Specific related to the module e.g. Define Differentiate, Carry out, Design, etc.)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> ● Summarize the historic costumes during various eras. ● Study of the design and constructional details of costumes of India.
Content Outline	<ol style="list-style-type: none"> 1. Costume during 600 BC to 320 AD (Buddhist and Jains) 2. Costume during 320 AD to 1100 AD (Brahmin Context) 3. Costume during 1100 AD to 1730 AD (Islamic Influence) 4. Costume 1730 AD to 1947 AD (British Period)

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. Module 1 & 2 Internal Theory evaluation= 25 marks
2. External evaluation = 25 marks
3. Internal +External = 25 + 25=50 marks

References:

1. Bosomworth Dorothy (1995), *The Encyclopedia of Patterns and Motifs*, Studio Editions, London
2. Ginsburgh, M. (1977), *Embroidery*, Marshall Cavendish Editions, London.
3. Guy John (1998), *Woven Cargos*, Thames and Hudson.
4. Harris Jennifer (1993), *Textiles 5000 years*, Henry and Brans Inc., New York.
5. Anderson Black J, (1985), *History of Fashion*, Orbis publishing Ltd, USA.
6. Jones Owen (1997), *The Grammar of Ornament*, Bernard Quatrach, London.
7. Lewis, E. (2003), *The Romance of Textiles: The Story of Design in Weaving*, Harvard (18th ed), New York: Macmillan.
8. Paine Sheila (1990), *Embroidered Textiles Traditions*, Thames and Hudson, London.
9. Readers Digest (2000), *History of Man- The Last Two Million Years*.
10. Ritu Kumar, (2006), *Costumes & textiles of Royal India*, Christies Book Ltd, London.
11. Roshen Alkazi, (2006), *Ancient and Medieval Indian Costume*, Vol. I and II Art Heritage
12. Swarup, S. (2012), *Costumes and Textiles of Awadh*, Rolli books, Bangalore.
13. Stone Miller Rebecca (1994), *To weave for the Sun*, Thames and Hudson, London.
14. Thames and Hudson, (1999), *Traditional Indian textiles*, London.

1.6 CC

Course Title	Yoga and Meditation
Course Credits	2 (0+2)
Course Outcomes	After going through the course, learners will be able to <ol style="list-style-type: none"> 1. Acquaint with Yoga and Meditation in Healthy Lifestyle. 2. Develop various techniques and get benefited for good personality. 3. Examine the Stress Management and able to handle the situation
Module 1(Credit 1)	
Learning Outcomes <i>(Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)</i>	After learning the module, learners will be able to <ul style="list-style-type: none"> ● Comprehend the various bandha, breathing techniques ● Execute the meditation techniques and its effect on stress management.
Content Outline	<ol style="list-style-type: none"> 1. Importance of Breathing, Types of Breathing Techniques and its role during practices 2. Bandha – Jalandhar bandh, Jivha Bandha, Mula bandha. 3. Omkar Chanting 4. Breathing Techniques- 5. Pranayama – anulom volim, Bhramari, kapalbhati, sheetali and sheetkari, bhastrika
Module 2(Credit 1)	
Learning Outcome: <i>(Specific related to the module e.g. Define Differentiate, Carry out, Design, etc.)</i>	After learning the module, learners will be able to <ul style="list-style-type: none"> ● Perform various assans with correct techniques. ● Develop correct form of Suryanamaskar with mantra

Content Outline	<ol style="list-style-type: none">1. Yoga exercises2. Micro movement before Assans3. Preparation before Assans4. Assans -Standing, Sitting5. Types of Asanas- Utthita Parvakonasana), tadasana, Trikonasana, Uttanasana, Malasana, Ardha Uttanasana, Parsvottanasana, Urdhva Hastasana, Vrksasana, Chakravakasana, Setu Bandha Sarvangasana, Bhujangasana, Ashtanga Namaskara, Baddha Konasana, Sukhasana, Ardha Matsyendrasana, Janu Sirsasana, Surya Namaskar
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EVALUATION:

Continuous Internal Assessment:

1. Internal- Actual Practical- 25 marks
2. External – Actual Practical -25 marks
3. Internal + External = 50 marks

REFERENCES:

1. Basavaraddi, I.V. & others, (2009), *SHATKARMA: A Comprehensive description about Cleansing Process*, MDNIY New Delhi.
2. Mikel B., (2000), *Hatha Yoga, Its Context Theory and Practice*, M.L.B.D. Delhi, 2000
3. Dr. Nagendra H. R., (2005), *Pranayama, The Art & Science*, Swami Vivekananda Yoga Prakashan, Bangalore.
4. Gharote M.L. & Pai, G.K. (Edi), (2005) *Siddhasidhantpaddhati, Kaivalyadhama*, Lonavla.
5. Gharote ML, (2009), *Hatharatnavali, The Lonavala Yoha Institute*, Lonavala, Pune, Iind Edition.
6. Joshi, K.S. (2009), *Yogic Pranayama*, Oriental Paperback, New Delhi, 2009
7. Sri Ananda, (2003), *The Complete book of Yoga*, Orient Course Backs, Delhi.
8. Swami Kuvalyananda & Shukla, S.A. (2006), *Gorakshasatkam, Kaivalyadhama*, Lonavla,
9. Swami Kuvalyananda, (2010), *Pranayama, Kaivalyadhama*, Lonavla, 2010
10. Swami Niranjananand Saraswati, (2005), *Prana, Pranayama & Pranvidya*, Yoga Publications Trust, Munger, Bihar,2005.
11. Swami Rama, (1998), *Science of Breath, A Practical Guide*, The Himalayan International Institute, Pennselvenia,1998.

Semester II

2.1 Major (Core)

Course Title	Basic Pattern Making and Grading (Pr)
Course Credits	4 (0+4)
Course Outcomes	After going through the course, learners will be able to
	1. Recognize the importance of accurate body measurements to make Standard garments.
	2. Comprehend three methods of clothing construction.
	3. Inculcate knowledge of slash and spread method to adopt various basic patterns.
	4. Develop skills in sewing variety of patterns with accuracy, good taste by basic pattern adaptations.
	5. Infer various types of grading.
Module 1and 2(Credit 2)	
Learning Outcome (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> ● Recognize the importance of accurate body measurements in order to make standard garments. ● Summarize three methods of clothing construction.
Content Outline	<ol style="list-style-type: none"> 1. Tools and equipments required for pattern making and grading. 2. Study of standard measurement charts and various types of figures. 3. Introduction to flat pattern method: Slash and spread method and pivotal method
Module 3(Credit 1)	
Learning Outcomes (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	After learning the module, learners will be able to
	<ul style="list-style-type: none"> ● Adopt various methods of pattern making- slash and spread ● Study anthropometric measurements of all body types.

Content Outline	<ol style="list-style-type: none"> 1. The following adaptations with slash and spread method on half scales "Basic Bodice Blocks" 2. Darts, Yokes and Fullness, Sleeves, Collars. 3. Any six patterns of each unit to be made on half size bodice block on paper only. 4. Skirts- any 4 patterns to be made on half size bodice basic block on paper only.
Module 4(Credit 1)	
Learning Outcomes (Specific related to the module e.g. Define, Differentiate, Carry out, Design, etc.)	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> • Develop skills in sewing a variety of patterns with accuracy, good taste by basic pattern adaptations • Create any one pattern as per trend.
Content Outline	Anyone pattern on full scale basic bodice block to be made on fabric.
Module 5(Credit 1)	
Learning Outcomes (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> • Summarize the various types of grading. • Create a pattern using grading method.
Content Outline	<ol style="list-style-type: none"> 1. Definition of grading 2. Introduction to various types of grading method- Nested Grading, Track Grading and Stock Grading 3. Grading with any one method: <ol style="list-style-type: none"> a) A-Line skirt b) Basic Front and Back Bodice c) Basic set-in-sleeves. d) Collar (any one basic)

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Comprehensive Continuous Evaluation (CCE) = 100 marks
Internal evaluation – 100 marks

References:

1. Armstrong H. J., Maruzzi V.J. (Illustrator), (2014), *Patternmaking for Fashion Design*
2. Armstrong H.J., (2010), *Pattern making For Fashion Design- 5th Edition*, Prentice Hall.
3. Bray Natalie, (1978), *Dress Pattern Designing-4th Edition*, Ravada Publishing.
4. Bray Natalie, (1978), *More Dress Pattern Designing*, Ravada Publishing.
5. Bray Natalie, (1979), *Dress Fitting (Basic Principles and Practice)*, Graduate Publishing.
6. Gerry C., (1990), *Pattern Grading for Women's Clothes*, BSP Professional books, Oxford London.
7. Jindal Ritu, (2000), *Handbook for Fashion Design*, Mittal Publications, New Delhi.
8. Patric J. Taylor & Martin M. Shoben, (1997), *Grading For Fashion Industry*, Hutchinson & Co. Publications Ltd.
9. Reader's Digest, (1982), *Complete guide to sewing* Reader's Digest Association Inc. New York.
10. Shoben, M.M., (1994) *Grading for the Fashion Industry (The NIFT book of Grading & Sizing, Volume two)*, New Delhi National Institute of Fashion Designing.
11. Staurma, Mary M. (1973) *Guide to Modern Clothing* 3rd Edition, McGraw Hill Company.
12. Stringer P. (1996), *Pattern Drafting For Dress Making*, B.T. Batsford, London.
13. Tanous, (1984), *Designing Dress Pattern.*
14. Zarapkar A. (1987), *The ABCs of Grading* by Murray Scheier.

Semester II

2.2
Major
(Core)

Course Title	Fashion Studies (Theory)
Course Credits	2 (2+0)
Course Outcomes	After going through the course, learners will be able to
	1. Develop an understanding of the elements and principles of design with reference to apparel.
	2. Acquire knowledge about the role of aesthetics in design.
	3. Summarize importance of the levels of designing and the effect it has on consumers.
	4. Comprehend the emotional and cognitive experiences affect aesthetics of a product.
Module 1(Credit 1)	
Learning Outcomes (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	After learning the module, learners will be able to
	<ol style="list-style-type: none"> 1. Develop an understanding of the elements and principles of design with reference to apparel. 2. Acquire the knowledge about the role of aesthetics in design
Content Outline	<ul style="list-style-type: none"> ● Elements and principles of design- Perspective and application of fashion apparel and lifestyle products. ● Elements of design: Line, Color, Texture, Print and Form ● Principles of design: Rhythm, Proportion, Harmony, Emphasis, Balance, Contrast
Module 2(Credit 1)	
Learning Outcomes (Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	After learning the module, learners will be able to
	<ol style="list-style-type: none"> 1. Summarize the fashion fabrics as per trend 2. Apply the knowledge of fashion fabrics as per its end use.

Content Outline	<ul style="list-style-type: none">● Types of fashion fabrics as per trend● Silhouettes as per trend● Factors affecting selection of fashion fabrics as per end use. (Aesthetic and functional factors)● Concept of Ramp fashion and fashion for masses
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Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. Module 1- Internal Theory evaluation= 25 marks
2. External evaluation = 25 marks
3. Internal +External = 25 + 25=50 marks

References:

1. Damhorst Lynn K.M.S (2005), *The Meanings of Dress*, 2nd Edition New York Fairchild Books
2. De Long, M, (1998) *The Way We Look: Dress and Aesthetics*, 2nd Edition New York Fairchild Books
3. Dickerson K.G. (2002) *Inside the Fashion Business*, 7th Edition, London Pearson
4. Kimle A.M. (1997) *Understanding Aesthetics For The Merchandising And DesignProfessional*, New York Fairchild Books
5. Norman D. (2005) *Emotional Design*, New York: Basic Books
6. Norman D. (2005) *Emotional Design: Why We Love (or Hate) Everyday Things*, New York: Basic Books
7. Stone E. (2013) *The Dynamics of Fashion*, Fourth Edition, New York: Bloomsbury Publishing Inc.

Semester II

2.3 Minor

Course Title	Surface ornamentation on Textiles
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Course Credits	0+2
Course Outcomes	After going through the course, learners will be able to
	1. Familiarize with the role and application of various types of ornamentation techniques.
	2. Identify various materials suitable for surface ornamentation.
	3. Acquaint with various surface ornamentation techniques.
	4. Apply knowledge in developing product.
Module 1(Credit 1)	
Learning Outcomes	After learning the module, learners will be able to
<i>(Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</i>	<ul style="list-style-type: none"> ● Adapt skills of embroidery techniques for surface ornamentation of textiles ● Develop skills in various painting techniques.
Content Outline	<ol style="list-style-type: none"> 1. Surface Ornamentation by Embroidery – <ol style="list-style-type: none"> a. Kantha / Kasuti Embroidery on Dupatta /Stole Or b. Satin Embroidery on Dupatta / Stole 2. Fabric Painting on Stole / Table Cover/ Apparel <ol style="list-style-type: none"> a. Make any two articles with the given technique
Module 2(Credit 1)	
Learning Outcomes	After learning the module, learners will be able to
<i>(Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</i>	<ul style="list-style-type: none"> ● Implement sustainable practices in textile ornamentation. ● Create and modify crochet patterns to fit specific textile projects.
Content Outline	<ol style="list-style-type: none"> 1. Crochet - <ol style="list-style-type: none"> a. Edging of stole or dupatta/ Sleeve/ Neckline/ Handkerchief (one article with given techniques) 2. Best Out of Waste (Textile Waste) <ol style="list-style-type: none"> a. Any article by using textile waste material to make accessories or decorative articles etc. (one article with given techniques)

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wards Comprehensive Continuous Evaluation (CCE) Internals:Continuous internal evaluation of 50 marks

- 1) Two Modules - 25 marks each
- 2) No External examination
- 3) Total: Internal = 50 marks

REFERENCES:

1. Anchor-educational service-(2007 & 2008 series)
2. Anchor needle & thread (2007 & 2008 series)
3. Shrikant U. (2005), *Ethnic Embroidery of India* Om Books.
4. Subhashini Rekha A. (2010), *Folk Embroidery of western Himalaya* Aryan Rekha Prakashan.
5. Indian Embroideries John Irwin <http://91,205,173,47/most-wished-for/indian-embroideries>(Free Download)
6. K. Prakash, (2004), *Kalamkari: Figures And Designs* English Edition Publishers.
7. Chakraverty A. (2010), *Indian Miniature Painting*, Lustre Press
8. B. Mohanty, (2011), *Pata Paintings of Orissa*, Ministry of Information & Broadcasting

Semester II

2.3 VSC

Course Title	Professional Communication
Course Credits	2+0
Course Outcomes	After going through the course, learners will be able to 1. Summarize the importance of effective communication in the professional world.

	2. Recognize and address barriers to effective communication.
	3. Comprehend the impact of technology on professional communication.
	4. Extend in delivering advanced presentations, utilizing storytelling techniques and visual aids.

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Module 1(Credit 1)	
Learning Outcomes	After learning the module, learners will be able to
<i>(Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</i>	<ul style="list-style-type: none"> ● Summarize the importance of effective communication in the professional world. ● Infer different types and channels of professional communication.
Content Outline	<p>Foundations of Professional Communication.</p> <ol style="list-style-type: none"> 1. Introduction to Professional Communication, Understanding the importance of effective communication in the professional world, 2. Different types and channels of professional communication, Barriers to effective communication, 3. Digital Communication and social media, Appropriate use of social media in a professional context, Email and digital etiquette. 4. Professional Communication in the Digital Age, The impact of technology on communication, Ethical considerations in digital communication, Preparing for a technologically driven future
Module 2 (Credit 1)	
Learning Outcomes	After learning the module, learners will be able to
<i>(Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</i>	<ul style="list-style-type: none"> ● Infer the principles of advanced business writing and formal reports. ● Analyze and apply ethical dilemmas and codes of ethics.
Content Outline	<p>Advanced Professional Communication</p> <ol style="list-style-type: none"> 1. Advanced Business Writing-Formal reports and proposals, Persuasive writing techniques. 2. Advanced Presentation Skills, 3. Ethics in Professional Communication, Ethical dilemmas in professional communication, Codes of ethics and professional conduct, Case studies, and ethical decision-making.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

5. Module 1 & 2 Internal Theory evaluation= 25 marks
6. External evaluation = 25 marks
7. Internal +External = 25 + 25=50 marks

References:

1. Butterfield, Jeff., (2013), *Soft Skills for everyone*, Cengage Learning New Delhi.
2. Di Sianza, J. J & Legge, N. J., (2009), *Business and Professional Communication*, Pearson Education India New Delhi.
3. Lesikar R.V and Flatley M.E., (2006) *Basic Business Communication Skills for the Empowering the Internet Generation*, Tata McGraw Hill. NewDelhi.
4. Mukherjee H.S., (2013), *Business Communication-Connecting at Work*, Oxford University Press New Delhi.
5. Raman, M& Sharma, S., (2011), *Technical Communication Principles and Practice*, Oxford University Press New Delhi.
6. Robbins, S.P., & Hunsaker, P.L., (2008), *Training in Interpersonal Skills*, Prentice Hall of India New Delhi.

Semester II

2.4 VSC

Course Title	Textile Craft
Course Credits	0+2
Course Outcomes	After going through the course, learners will be able to
	1. Adapt various textile craft and their application.
	2. Comprehend knowledge of textile craft techniques.
	3. Develop income-generating skills.
	4. Create a product from the textile material.
Module 1(Credit 1)	

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<p>Learning Outcomes</p> <p><i>(Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</i></p>	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Summarize the step-by-step process of performing knit and purl stitches. ● Apply the knowledge of basic knitting stitches to create simple knitted items
<p>Content Outline</p>	<ol style="list-style-type: none"> 1. Hand Knitting : Basic 3 knitting stitches 2. Macrame : Basic 5 knots and their variations <p><u>One article using any one technique :</u></p> <p>Sling bag / Mobile Pouch/ Poncho/ Chandelier/ Scarf/ Wall hanging/ Dream catcher/ Potholder etc.</p>
<p>Module 2(Credit 1)</p>	
<p>Learning Outcomes</p> <p><i>(Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</i></p>	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Utilize applique work and patch work techniques for creative design. ● Explore entrepreneurial skills for product development.
<p>Content Outline</p>	<ol style="list-style-type: none"> 1. Applique work/ Patch Work 2. Quilting <p><u>One article using any one technique:</u></p> <p>(Lamp shade/ Table runner/ Cushion Covers/ Bag/ Dupatta/ Table Mats/ Storage Box etc.)</p>

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

- 2.4.1 Continuous internal evaluation of 50 marks
- 2.4.2 Two Modules - 25 marks each
- 2.4.3 No External examination
- 2.4.4** Total: Internal = 50 marks

References

1. Anchor Needle and thread (2007 & 2008 series)
2. Decosse Cy, (1993) *Fashion Accessories (Singer Sewing Reference Library)*, Creative Pub Intl /Cy DeCosse Inc.
3. Decosse Cy, (1990), *Creating Fashion Accessories*, Creative Pub Intl /Cy DeCosse Inc
4. Mckelvey K., Munslow J. (2009), *Fashion Design: Process, Innovation and Practice*, Wiley India Pvt Ltd.
5. Chattopadhyaya K. (1985), *Handicrafts of India. (Revised edition)*. New Delhi: Indian Council for Cultural Relations.
6. Irwin and M. Hall, (1971), *Indian Painted and Printed Fabrics*, Ahmadabad: Calico Museum of Textiles.
7. Rizzoli, (1991), *Tie-Dyed Textiles of India* (Victoria and Albert Museum-Indian Art Series)
8. Gillow J. & Barnard N., (1993), *Traditional Indian Textiles*, Thames and Hudson Ltd.

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Semester II

2.5 SEC (VSEC)

Course Title	Introduction to Retailing
Course Credits	2+0
Course Outcomes	After learning the module, learners will be able to
	1. Infer the fundamental concepts of marketing & marketing management.
	2. Explore the key elements of the marketing mix and product mix
	3. Define and recognize the significance of retail management.
	4. Summarize factors influencing retail industry & Current prospects of Indian retail scenario.
Module 1(Credit 1)	
Learning Outcomes	After learning the module, learners will be able to
<i>(Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)</i>	<ul style="list-style-type: none">● Identify various marketing concepts & distribution channels.● Determine the significance of retail marketing.
Content Outline	Introduction to Retailing <ol style="list-style-type: none">1. Market, Marketing, Marketing Management, Concept of Goods. Concept of Marketing mix & Product mix, Pricing Policies, Channels of Distribution, Wholesaler & Retailers.2. Meaning, Definition and Importance of retail marketing, classification and organization structure in retail.
Module 2(Credit 1)	
Learning Outcomes	After learning the module, learners will be able to

(Specific related to the module. e.g. Define, Differentiate, Carry out, Design, etc.)	<ul style="list-style-type: none"> ● Apply knowledge to analyze the factors influencing the retail industry & assess challenges faced by retailers. ● Predict the future prospects of the retail industry in the Indian context
Content Outline	Introduction to retail Management <ol style="list-style-type: none"> 1. Definition, Importance, features of retail management, 2. Factors influencing retail industry, challenges faced by retailers, growth of retail in recent years, future prospects of retailing in Indian scenario.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. Module 1 & 2 - Internal Theory evaluation= 25 marks
2. External evaluation = 25 marks
3. Internal +External = 25 + 25=50 marks

References:

1. Lincoln K. & Thomassen L, (2007), *How to succeed at Retail*, Kogan Page.
2. Dr. Ramkishan Y., (2009) *International Retail Marketing Strategies* Jaico Publishing House, Mumbai.
3. Biyani K., (), *It happens in India & The Wall Mart Story*
4. Bajaj T. & Shrivastava, (2016), *Retail Management*, Oxford University Press
5. Lusch D., (1990), *Retail Management*, South Western Cengage Learning
6. Levy M. & Barton A Weitz, (2008), *Retail Management*, Tata McGraw Hill
7. Jaico J., (2008), *Retail Strategies- understanding why we shop* Publishing House, Mumbai
8. Pradhan S., (2009), *Retailing Management – Text and Cases 3rd Edn.*, Tata Mc Graw Hill.
9. Gibson C Vedamani, (2009), *Retailing Management*, Jaico Publishing House, Mumbai
10. Lincoln K. & Thomassen L. & Aconis A., (2020), *Retailization – Brand survival in the age of retailer Power*, Kogan Page Ltd.,
11. K.S. Menon, (2013), *Store Management*, Macmillan India Ltd.

2.6 VSC

Course Title	Financial Literacy
Course Credits	2+0

Course Outcomes	<p>After learning the module, learners will be able to</p> <ol style="list-style-type: none"> 1. Summarize the importance of savings and investment, the different types of investments and their risks and returns 2. Comprehend the different banking activities, deposit schemes available different types of loans offered by banks and their secondary functions 3. Inculcate the understanding of the concept of taxation and its types 4. Infer about the different sources of income and the basics of GST.
Module 1(Credit 1)	
Learning Outcomes <i>(Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</i>	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Interpret the importance of savings and investment. ● Apply knowledge of banking activities and deposit schemes.
Content Outline	<p>Basics of Savings and Investment:</p> <ol style="list-style-type: none"> 1. Importance of saving and investing, Savings vs. investment. Investment objectives, Risk and Return. 2. Banking Activities, Deposits and Types of Deposits-Saving Bank Accounts, Fixed Deposit Accounts, Recurring Deposit Accounts. 3. Special Term Deposit Schemes, Loans and Types of loan advanced by Banks and Other secondary functions of Bank.
Module 2 (Credit 1)	
Learning Outcomes <i>(Specific related to the module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</i>	<p>After learning the module, learners will be able to</p> <ul style="list-style-type: none"> ● Summarize the basic concepts of taxation, including the different types of taxes. ● Explore the basics of GST as an indirect tax and its impact on businesses.

Content Outline	Basics of Taxation, Income Tax, and GST <ol style="list-style-type: none">1. Definition and purpose of taxation. Types of taxes (direct and indirect).2. Definition and concept of income tax, Sources of income- salary, business income, capital gains, etc.,3. Introduction to GST as an indirect tax, impact of GST on businesses and the economy, Common challenges and issues faced by taxpayers.
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Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

1. Module 1 & 2 Internal Theory evaluation= 25 marks
2. External evaluation = 25 marks
3. Internal +External = 25 + 25=50 marks

References:

1. Dr. Sanjiv Agarwal, (2020), *GST in India*, Bloomsbury Professional India.
2. Dr. Vinod K. Singhania, (2021), *Direct Taxes Law & Practice*, Taxmann Publications Pvt. Ltd.
3. H.R. Machiraju, (2019), *Indian Financial System*, Pearson India.
4. I. M. Pandey, (2018), *Banking and Financial Systems*, Vikas Publishing House Pvt. Ltd.
5. Bangar Y. & Bangar V.,(2017), *GST: A Complete Guide*, AUBS Publishers.

Semester II

2.6 CC

Course Title	Zumba and Aerobics
Course Credits	0+2
Course Outcomes	After going through the course, learners will be able to
	1. Inculcate the physical and psychological values and benefits of Zumba and Aerobics.
	2. Instill a motivation to retain a regular exercise program among the students
	3. Adapt a healthy way of living and improve self-confidence.
	4. Improve the components of physical fitness
Module 1(Credit 1)	
Learning Outcomes (Specific related to the	After learning the module, learners will be able to
module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)	<ul style="list-style-type: none"> ● Execute performance skills of Zumba dance ● Infer the benefits and importance of living healthy lifestyles.
Content Outline	<ol style="list-style-type: none"> 1. Basic steps of Zumba 2. Four basic rhythms- Salsa, Reggaeton, Merengue, and Cumbia; each basic rhythm has four core steps.
Module 2 (Credit 1)	
Learning Outcomes (Specific related to the	After learning the module, learners will be able to

<p>module.. e.g. Define, Differentiate, Carry out, Design, etc. ...)</p>	<ul style="list-style-type: none"> ● Develop required skills and techniques ● Summarize the rules, fundamentals, skills, and strategies of aerobics.
<p>Content Outline</p>	<ol style="list-style-type: none"> 1. Introduction to the Basic steps of aerobics- Turn step, 'V' step, step touch, mambo, box step, grapevine, Charleston. 2. Introduction to Dance and sports aerobics

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Continuous Internal Evaluation of 50 marks

References:

1. Basavaraddi, I.V. & others (2009), *SHATKARMA: A Comprehensive description about Cleansing Process*, MDNIY, New Delhi.
2. Dr. Nagendra H R, (2005), *Pranayama, The Art & Science*, Swami Vivekananda Yoga Prakashan, Bangalore.
3. Joshi, K.S.(2009), *Yogic Pranayama*, Oriental Paperback, New Delhi.
4. Sri Ananda, (2003), *The Complete book of Yoga*, Orient Course Backs, Delhi.
5. Swami Kuvalyananda, (2010), *Pranayama, Kaivalyadhama*, Lonavla.
6. Swami Nirananand Saraswati (2005), *Prana, Pranayama & Pranvidya*, Yoga Publications Trust, Munger, Bihar, 2005.
7. Swami Rama, (1998), *Science of Breath, A Practical Guide*, The Himalayan International Institute, Pennselvenia.
8. Gharote ML, (2009), *Hatharatnavali*, The Lonavala Yoha Institute, Lonavala, Pune, IInd Edition.
9. Gharote M.L. & Pai, G.K. (Edi) (2005), *Siddhasidhantpaddhati*, Kaivalya dhama, Lonavla.

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