

MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE

(An Autonomous College)

Affiliated to Periyar University, Salem | Accredited by NAAC with 'A' Grade

Recognized by UGC under Section 2(f) & 12 (B)



ESTD-1994

**MUTHAYAMMAL
COLLEGE OF ARTS
AND SCIENCE**

(Autonomous)

A UNIT OF VANETRA GROUP

| Learn.
| Lead

www.muthayammal.in

DEGREE OF MASTER OF SCIENCE

Learning Outcomes - Based Curriculum Framework

- Choice Based Credit System

Syllabus for M.Sc., Textile and Fashion Designing (Semester Pattern)

(For Candidates admitted from the academic year
2021 -2022 and onwards)

**MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS)**

VISION

To redefine the scope of higher education by infusing into each of our pursuits, initiatives that will encourage intellectual, emotional, social and spiritual growth, thereby nurturing a generation of committed, knowledgeable and socially responsible citizens

MISSION

- To Ensure State of the world learning experience
- To espouse value based Education
- To empower rural education
- To instill the spirit of entrepreneurship and enterprise
- To create a resource pool of socially responsible world citizens

MOTTO

Forward in Virtue

QUALITY POLICY

To seek-To strive -To achieve greater highest in Arts and Science, Engineering, Technological and Management Education without compromising on the quality of Education.

DEPARTMENT OF TEXTILE AND FASHION DESIGNING

VISION

To provide professional instruction in Fashion and Design in a friendly and pleasant surroundings while catering to the needs of different target market groups.

MISSION

To cultivate a more personal and longer term relationship with the students through adaptability to changing issues self-confidence and willingness to achieve better.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Post Graduates will be able to promote learning environment to meet the industry expectation.

PEO2: Post Graduates will be incorporated the critical thinking with good Communication and Leadership skills to become a self-employed

PEO3: Post Graduates will be upholding the human values and environmental sustenance for the betterment of the society.

GRADUATE ATTRIBUTES

GA 1: Research Skills

GA 2: Multicultural Competency

GA 3: Creative & Critical Thinking

GA 4: Problem Solving

GA 5: Disciplinary Knowledge

GA 6: Moral and Ethical Awareness

GA 7: Entrepreneurial Skills

PROGRAMME OUTCOMES (POs)

PO1: Post graduates will attain profound proficiency and expertise

PO2: Post graduates will be ensured with corporative self – directed learning

PO3: Post graduates will acquire acumen to handle diverse contexts and function in domains of Multiplicity;

PO4: Post graduates will exercise intelligence in research Investigations and Introducing innovations.

PO5: Post graduates will learn ethical values and commit to Professional ethics

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1: Knowledge of fiber, yarn, fabric and its properties and its co-relation with construction and design.

PSO2: Knowledge and understanding of anthropometrics, sizing and construction for apparel fashion.

PSO3: Understanding of fashion and its relation to present context through knowledge of world costume.

PSO4: Imparting skills in the field of Clothing & Textiles to needy people for income generation.

PSO5: Develop a systematic, critical approach to problem solving and entrepreneurial skills.

M.Sc-Textile and Fashion Designing Syllabus under CBCS Pattern with effect from 2021-2022 Onwards
MUTHAYAMMAL COLLEGE OF ARTS & SCIENCE
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Scheme of Examinations from the Academic Year 2021-2022 Onwards
Credit Distribution as per the TANSICHE.

S.No.	Study Components	Sem I		Sem II		Sem III		Sem IV		No. of Paper	Total Credit
		No. of Paper	Credit								
1	DISCIPLINE SPECIFIC CORESES(DSC)-THEORY	2	10	2	10	2	10	1	5	7	35
2	DSC-PRACTICAL	3	8	2	4	2	6	2	6	9	24
3	DISCIPLINE SPECIFIC ELECTIVE COURSES(DSE)	1	4	1	4	2	8			4	16
4	PROJECT WORK							1	5	1	5
5	INTERNSHIP					1	2			1	2
6	GENERIC ELECTIVE COURSES(GEC)-EDC			1	4					1	4
7	HUMAN RIGHTS			1	2					1	2
8	ONLINE - COMPETITIVE EXAMINATION							1	2	1	2
	Cumulative Credits	6	22	7	24	7	26	5	18	25	90

Total No. of Subjects	25
Marks	2300
TOTAL CREDIT	90



Head of the Department
Department of Textile and Fashion Designing
Muthayammal College of Arts and Science.
Rasipuram - 637 408



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RASIPURAM - 637 408
Namakkal District
TamilNadu, India



S.No.	STUDY COMPONENTS	SUBJECT_CODE	TITLE OF THE SUBJECT	Hrs.		CREDI T	MARKS		
				Lect.	Lab.		CIA	EA	TOTAL
SEMESTER - I									
1	DSC THEORY- I	21M1PTFC01	ADVANCED TEXTILE SCIENCE	5	-	5	25	75	100
2	DSC THEORY- II	21M1PTFC02	TEXTILES AND APPAREL QUALITY EVALUATION	5	-	5	25	75	100
3	DSC PRACTICAL- I	21M1PTFP01	PRACTICAL: ADVANCED GARMENT CONSTRUCTION	-	6	3	40	60	100
4	DSC PRACTICAL- II	21M1PTFP02	PRACTICAL: FASHION SKETCHING	-	5	2	40	60	100
5	DSC PRACTICAL- III	21M1PTFP03	PRACTICAL: CAD IN FASHION DESIGNING	-	6	3	40	60	100
6	DSE - I	21M1PTFE01	ELECTIVE - I	4	-	4	25	75	100
			TOTAL	14	17	22	195	405	600
SEMESTER - II									
1	DSC THEORY- III	21M2PTFC03	FASHION MERCHANDISING	5	-	5	25	75	100
2	DSC THEORY- IV	21M2PTFC04	TECHNICAL TEXTILES	5	-	5	25	75	100
3	DSC PRACTICAL- IV	21M2PTFP04	PRACTICAL: CAD IN TEXTILES DESIGNING	-	5	2	40	60	100
4	DSC PRACTICAL- V	21M2PTFP05	PRACTICAL: ADVANCED DRAPING TECHNIQUES	-	5	2	40	60	100
5	DSE - II	21M2PTFE02	ELECTIVE - II	4	-	4	25	75	100
6	GEC-EDC- I	21M2PBAED1	ENTREPRENEURSHIP DEVELOPMENT IN TEXTILES	4	-	4	25	75	100
7	HUMAN RIGHTS	21M2PHUR01	HUMAN RIGHTS	2	-	2	100		
			TOTAL	20	10	24	280	420	600


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S.No.	STUDY COMPONENTS	SUBJECT_CODE	TITLE OF THE SUBJECT	Hrs.		CREDI T	MARKS		
				Lect.	Lab.		CIA	EA	TOTAL
SEMESTER - III									
1	DSC THEORY- V	21M3PTFC05	ADVANCED TEXTILE PROCESSING	5	-	5	25	75	100
2	DSC THEORY- VI	21M3PTFC06	TEXTILE TESTING	5	-	5	25	75	100
3	DSC PRACTICAL- VI	21M3PTFP06	PRACTICAL: TEXTILE TESTING	-	6	3	40	60	100
4	DSC PRACTICAL- VII	21M3PTFP07	PRACTICAL: DIGITAL FASHION PORTFOLIO PRESENTATION	-	6	3	40	60	100
5	DSE- III	21M3PTFE03	ELECTIVE - III	4	-	4	25	75	100
6	DSE - IV	21M3PTFE04	ELECTIVE - IV	4	-	4	25	75	100
7	INTERNSHIP	21M3PTFIS1	INTERNSHIP	-	-	2	100		
			TOTAL	18	12	26	280	420	600
SEMESTER - IV									
1	DSC THEORY- VII	21M4PTFC07	FASHION MARKETING	5	-	5	25	75	100
2	DSC PRACTICAL- VIII	21M4PTFP08	PRACTICAL: FASHION MODELING & PHOTOGRAPHY	-	6	3	40	60	100
3	DSC PRACTICAL- IX	21M4PTFP09	PRACTICAL: ACCESSORY DESIGNING	-	6	3	40	60	100
4	PROJECT WORK	21M4PTFPR1	PROJECT WORK	-	12	5	50	150	200
5	ONLINE-COMPETITIVE EXAMINATION	21M4PTFOE1	TEXTILE & FASHION FOR COMPETITIVE EXAMINATIONS	-	-	2	100		
			TOTAL	5	24	18	255	345	500
			OVERALL TOTAL	57	63	90	1010	1590	2300
	EXTRA CREDIT COURSE	21M4PTFEC1	MOOC Courses offered in SWAYAM / NPTEL	-	-	2	-	-	-

*STUDENTS SHOULD UNDERGO 30 DAYS INTERNSHIP TO ANY TEXTILE/APPAREL/FASHION INDUSTRY & DESIGNERS STUDIO AT THE END OF THE IIrd SEMESTER (INTERNSHIP PROJECT VIVA VOCE SHOULD BE CONDUCTED IN IIIrd SEMESTER)


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List of Discipline Specific Elective Course (DSE) Details for M.Sc., Textile and Fashion Designing

SYLLABUS - LOCF-CBCS Pattern

EFFECTIVE FROM THE ACADEMIC YEAR 2021-2022 Onwards

S.No.	SUBJECT_CODE	TITLE OF THE SUBJECT
1	21M1PTFE01	SUSTAINABILITY IN TEXTILE AND FASHION
2	21M2PTFE02	IMPORT EXPORT MANAGEMENT & DOCUMENTATION
3	21M3PTFE03	RESEARCH METHODOLOGY AND STATISTICS IN TEXTILES
4	21M3PTFE04	ONLINE BUSINESS
5	21MXPTFE05	FASHION BUSINESS START UP
6	21MXPTFE06	TEXTILE CHEMISTRY



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List of Extra Disciplinary Course(EDC) for M.Sc., Textile and Fashion Designing

SYLLABUS - LOCF-CBCS Pattern

EFFECTIVE FROM THE ACADEMIC YEAR 2021-2022 Onwards

S.No.	SUBJECT_CODE	TITLE OF THE SUBJECT
1	21M2PBAED1	ENTREPRENEURSHIP DEVELOPMENT IN TEXTILES

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PG – REGULATIONS

1. Internal Examination Marks – Theory

Components	Marks
CIA I & II	10
Attendance	5
Assignment	5
Seminar	5
Total	25

Attendance Percentage	Marks
96 % to 100%	5
91% to 95%	4
86% to 90%	3
81% to 85%	2
75% to 80%	1
Below 75%	0

2. Question Paper Pattern for CIA I, II and ESE (for 75 Marks) (3 hours)

Section–A (10 Marks) (Objective Type) 10 x 1=10 Marks

Answer ALL Questions

ALL questions carry EQUAL Marks

Section–B (15 Marks) (Analytical Type)

Answer any THREE Questions out of FIVE questions 3 x 5=15 Marks

ALL questions carry EQUAL Marks

SECTION - C (50 Marks)

Answer ALL the Questions 5 x 10 = 50 Marks

Either or Type.

ALL Questions Carry EQUAL Marks

Total 75 Marks

(Syllabus for CIA-I 2.5 Units , Syllabus for CIA-II All 5 Units)

2. a) Components for Practical CIA.

Components	Marks
CIA – I	15
CIA - II	15
Observation Note	5
Attendance	5
Total	40

2. b) Components for Practical ESE.

Components	Marks
Completion of Experiments	50
Record	5
Viva	5
Total	60

3. Internship / Industrial Training, Mini and Major Project Work

Internship / Field Work Industrial Training		Project Work	
Components	Marks	Components	Marks
CIA*¹		CIA	
Work Diary	25	a) Attendance Marks	20
Report	50	b) Review Marks	30
Viva –voce Examination	25		50
Total	100		
		ESE*¹	
		a) Final Report Marks	120
		b) Viva–voce Marks	30
		Total	150
			200

*¹Evaluation of report and conduct of viva– voce will be done jointly by Internal and External Examiners

4. Components for Human Rights Course (CIA Only)

- a) The Course Human Rights is to be treated as 100% CIA course which is offered in II Semester for I year PG students.
- b) Total Marks for the Course = 100

Components	Marks
Two Tests	75
Assignments	25
Total	100

- In case the candidate fails to secure 50 marks, which is the passing minimum, he/she may have to reappear for the same in the subsequent semesters.

5. Guidelines for Competitive Exams- Online Mode - Online Exam 3 hours

Components	Marks
100 Objective Type Questions 100*1=100 Marks	100

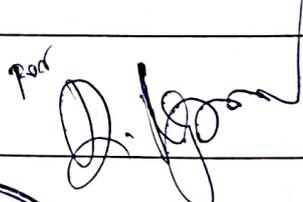
Objective Type Question from Questions Bank

- The passing minimum for this paper is 50%
- In case, the candidate fails to secure 50% passing minimum, he / she may have to reappear for the same in the subsequent semesters.

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards								
Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M1PTFCO1	ADVANCED TEXTILE SCIENCE	DSC THEORY - I	I	5	5			5
Objective	Provide knowledge about the advanced technologies used for fiber to fabric production in textile industries.							
Unit	Course Contents	Knowledge Levels			Sessions			
I	Natural fibers Natural fibers – classification of textile fibers according to their natural foreign cotton - Concept of varieties - Definition of grading – distinctive properties & End uses. Brief study of sustainable fibres -coffee ground fibres – nettle fibres – lotus fibres – pineapple fibres and etc.	K1-K2			12			
II	High performance High performance fibers - Glass fibers, carbon fibers, Ceramic fibers, Chitosan fibers, Alginate fibers , bi-component fibres, super absorbent fibres, optical fibres, melamine fibres, micro fibres – nano fibres – hollow fibres Properties & end uses .	K1-K2			12			
III	Texturization Texturization - Objects -Types of textured yarns - Flash twist texturing – Advantages of textured yarn -Manufacturing of sewing threads - Brief of fancy yarns – Slub yarns – Crimp yarns – Novelty yarns – Boucle yarns.	K3			12			
IV	Weaving Process Weaving Process - Shuttle less loom - Working principle of Air Jet Loom - Working Principle of Water Jet Loom - Working principle of Projectile Loom - Working principle Rapier loom.	K3-K4			12			
V	Knitting Knitting – Classification of Knitting machines – properties of knitted fabrics – Weft Knitting. Nonwoven - Definition and Classification. Fiber properties and Requirements. Web Formation. Dry laid, Parallel laid and cross laid formation - Application and End uses.	K3-K4			12			
Course Outcome	CO1:Recognize and understand the manufacturing process of natural fiber	K1-K2			60			
	CO2: Recognize and understand the manufacturing process of high performance fiber	K1-K2						
	CO3: Apply the techniques of yarn texturization	K3						
	CO4: Apply and analyze the woven fabric production technology.	K3-K4						
	CO5: Apply and analyze the woven fabric production technology.	K3-K4						

Learning Resources				
Text Books	1. Hall, A. J The standard hand book of Textile, Wood head Publishing 8th edition, 2004.			
	2. Hearle J.W.S High performances fibers, Wood head publishing Ltd Cambridge, England, 2001.			
	3. Abinson , M. Principles of weaving. Textile Institute Manchester.			
Reference Books	4. Sustainable fibres for fashion industry volume 2, Subramanian Senthilkannan Muthu Miguel angel Gardetti editors. Springer.			
	1. Corbman, B.P. Textiles Fiber to Fabric McGraw hill Publishing, 6th, Edition 1983.			
	2. Handbook of textile fibre structure six edition volume -2 wood head publishing In textiles.			
Website Link	3. Velensky, L .D, G., E.P.G Textile Science CBS Publishers and Distribution, 2003.			
	1. http://gen.lib.rus.ec/			
	2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==			
	L-Lecture	T-Tutorial	P-Practical	C-Credit

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C		
21M1PTFCO1	ADVANCED TEXTILE SCIENCE	DSC THEORY - I	I	5	5			5		
CO-PO Mapping										
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	M	M	S	S	M	M	M
CO2	S	S	M	M	M	S	S	M	M	M
CO3	M	M	M	S	S	S	M	M	M	L
CO4	M	M	L	S	S	L	M	L	S	M
CO5	M	M	L	S	S	M	S	M	M	S
Level of Correlation between CO and PO			L-LOW		M-MEDIUM			S-STRONG		
Tutorial Schedule				Group Discussion, Problem Solving, Quiz, Field Visit.						
Teaching and Learning Methods				Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration.						
Assessment Methods				Internal examination, Assignments, Attendance, Seminar, Unit test for CIA End semester Examination for EA						
Designed By			Verified By			Approved By				
Mrs. S. MONISHA			Dr. K. SAKTHIVEL			<i>Pod</i> 				

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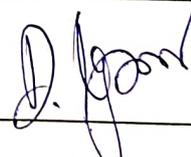
Dr. K. Sakthivel



M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M1PTFCO2	TEXTILES AND APPAREL QUALITY EVALUATION	DSC THEORY - II	I	5	5			5
Objective	To facilitate the students for understanding the concept of apparel quality management systems and quality standards in textile industry							
Unit	Course Contents	Knowledge Levels	Sessions					
I	Quality Standards Introduction to Quality Standards, importance of Quality, British standards and ISO Standards for the Apparel Industry. Brief study about ISO 9000 Standards and ISO 14000 Standards. Total Quality management systems.	K1-K2	12					
II	Eco Specification Eco specification and restriction in apparel and textiles –Dry cleaning using Ozone depleting chemicals, pH values, Formaldehyde contents, Heavy metal contents, Pesticides and Herbicides, Azo dye stuffs, Nickel, Pentachloro phenols, color fastness, brightener's and Softening agents.	K1-K2	12					
III	Garment Defects Garment defects – Quality followed in cutting department – sewing department –Finishing and Packing departments. Testing of Garments –Seam strength –Seam properties of Knitted fabrics. Bow & Skewness in woven & Knitted fabrics. Soil/Stain release testing .Testing of Sewing Threads.	K4	12					
IV	Care Label Introduction to care label – importance of care labels- Different systems of care labeling – American, British and International Labeling. Eco-labeling	K3	12					
V	Quality Control Quality control aspects for garment exports, the nature of Quality costs and Customer Returns, The functions of Quality assurance and quality control, Inspection procedure, AQL and Quality control.	K4	12					
Course Outcome	CO1:Remember and recognize the quality control program set up for apparel production	K1	60					
	CO2: Understand the quality and eco – standard measures in textile industry	K2						
	CO3: Analyze the various types of quality problems.	K4						
	CO4: Apply the suitable care label for garments care	K3						
	CO5: Analyze the quality control program for apparel production	K4						

Learning Resources				
Text Books	1. An Introduction to Quality control for Apparel Industry by PV Mehta. 2. Physical Testing and Quality control, vol 123, No.1/2/3 textile institute (1993).			
Reference Books	1. Apparel Quality Control by K.Sukumar , G.S.Sivakumar ,.S.S.M ITT Staff and Students cooperative stores. 2. Management Quality in Apparel Industry by PV Mehta.			
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==			
	L-Lecture	T-Tutorial	P-Practical	C-Credit

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards											
Course Code	Course Title				Course Type	Sem	Hours	L	T	P	C
21M1PTFCO2	TEXTILES AND APPAREL QUALITY EVALUATION				DSC THEORY - II	I	5	5			5
CO-PO Mapping											
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	S	S	M	M	M	L	S	S	M	M	
CO2	S	M	S	M	M	L	M	M	S	S	
CO3	M	M	S	S	S	M	M	L	S	S	
CO4	S	M	L	S	S	L	M	M	S	S	
CO5	M	M	S	S	S	M	M	M	S	S	
Level of Correlation between CO and PO			L-LOW			M-MEDIUM		S-STRONG			
Tutorial Schedule					Group Discussion, Problem Solving, Quiz, Field Visit.						
Teaching and Learning Methods					Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration.						
Assessment Methods					Internal examination, Assignments, Attendance, Seminar, Unit test for CIA End semester Examination for EA						
Designed By			Verified By			Approved By					
Mrs.S.RAMYA			Dr. K. SAKTHIVEL			for 					

for 





M.Sc., Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M1PTFP01	PRACTICAL - ADVANCED GARMENT CONSTRUCTION	DSC PRACTICAL - I	I	6			6	3
Objective	To understand the consumption of raw materials, costing, lay plan, construction and display techniques in garment making and develop skill in evaluating design, fitting and quality defects in garment							
S.No	List of Experiments / Programmes	Knowledge Levels	Sessions					
	Designing, Constructing and Evaluating the Garment							
1	Children's Garment - Frock /Middy & Middy Top/ Boy shirt	K1-K6	15					
2	Women's Garment - Salwar & kameez / Maxi	K1-K6	15					
3	Men's Garment - Shirt/ Kurtha	K1-K6	15					
4	Special Purpose Garment 1 - Physically challenged/ Old Age People/ Maternity & Lactation Period.	K1-K6	15					
5	Special Purpose Garment 2 - Full protected Medical suit with hand gloves, Mask and foot covers.	K1-K6	15					
Course Outcome	CO1: Acquire designing, drafting, sewing skills and technique in advance garment making.	K6	75					
	CO2: Evaluate and problem-solving techniques in designing, drafting, cutting, sewing, fitting and finishing in garments.	K5						
	CO3: Execute fabric programming and costing.	K6						
	CO4: Create garments that society needs for special purpose and protection.	K6						
	CO5: Develop a designer, pattern master, garment technician, planning, programming and production in apparel industry.	K6						
Learning Resources								
Text Books	1. Practical clothing construction - Part I & Part II Mary Mathews, cosmic Press, Chennai - 1986. 2. Zarpakar system of cutting, K.R. Zarpakar Navneet Education Limited, Silvassa. 3. Practical Dress Design, by Mabel Deane Erwin, MCMILLAN Company, New York, 1954 revised edition.							
Reference Books	1. Clothing and textiles for disabled and elderly people Harriet Meinander & Minna Varheenmaa VTT Processes.							
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==							

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M1PTFP01	PRACTICAL : ADVANCED GARMENT CONSTRUCTION	DSC PRACTICAL - I	I	6			6	3

CO-PO Mapping

CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	S	M	S	S	M	M	S
CO2	S	M	S	S	L	S	M	S	S	S
CO3	S	S	S	S	M	S	S	S	L	S
CO4	S	S	M	S	S	M	S	S	S	S
CO5	S	S	S	S	M	S	S	S	M	S

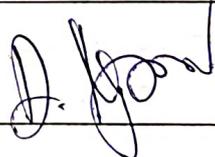
Level of Correlation between CO and PO	L-LOW	M-MEDIUM	S-STRONG
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Tutorial Schedule	Group Discussion, Problem Solving, Quiz, Field Visit.
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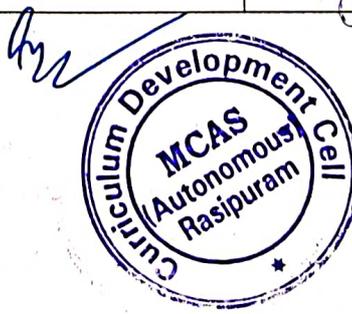
Teaching and Learning Methods	Virtual laboratory practice, Hands on Training, Demonstration, Video Presentation
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Assessment Methods	Record, Samples, Model Practical Examination, Attendance for CIA End Semester Examination for EA
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Designed By	Verified By	Approved By
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Mrs. S. PRIYA	Dr. K. SAKTHIVEL	<i>for</i> 
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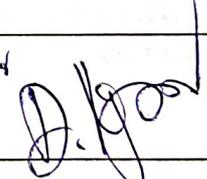
Signature of Mrs. S. Priya

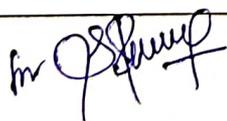


M.Sc., Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M1PTFP02	PRACTICAL : FASHION SKETCHING	DSC PRACTICAL - II	I	5			5	2
Objective	Train the students to create new designs for garment through sketching, designs for home furnishing item and Innovation towards accessories designing.							
S.No	List of Experiments / Programmes	Knowledge Levels	Sessions					
LIST OF EXPERIMENTS								
1	Illustrate a gesture components parts from head to toes.	K1-K6	6					
2	Create a 10 head stick figure, block figure and flesh figure and convert pose to garment like straight pose, "S" curve, open pose, „T" pose.	K1-K6	5					
3	Stylized illustration in 10 head flesh figure – garments for cine field.	K1-K6	5					
4	Create a contemporary style garment in 12 head theory.	K1-K6	6					
5	Free hand drawing techniques	K1-K6	6					
6	Model drawing by using pencil shade.	K1-K6	5					
7	Still drawing using color pencil shading.	K1-K6	6					
8	Develop live model drawing.	K1-K6	5					
9	Draw a fashion figure in 2D and 3D form using finishing techniques	K1-K6	6					
10	Fashion accessory drawing. [any 5 items]	K1-K6	5					
11	Creation of Home Furnishing items. [any 5 items]	K1-K6	5					
Course Outcome	CO1: Understand the fashion sketching components.	K2	60					
	CO2: Illustrate a gesture components parts from head to toes.	K6						
	CO3: Create a contemporary style garment in 12 head theory.	K6						
	CO4: Creation of home furnishing items.	K6						
	CO5: Develop live model drawing.	K6						
Learning Resources								
Text Books	1. Abling Bina, Fashion sketch book, Fairchild publishers, New York.							
Reference Books	1. Seaman Julian, Professional Fashion illustration, B.T.Batford Ltd, London. 2. Ireland Patrick John, Fashion illustration, B.T.Batford Ltd, London. 3. Allen Anne Seaman Julian, Fashion Drawing- The basic principles, B.T.Batford Ltd, London.							
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==							

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C		
21M1PTFP02	PRACTICAL : FASHION SKETCHING	DSC PRACTICAL - II	I	5			5	2		
CO-PO Mapping										
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	M	S	S	L	S	S	S
CO2	S	M	S	S	S	S	S	M	S	S
CO3	M	S	S	S	S	M	S	S	M	S
CO4	S	L	S	S	S	S	S	M	S	S
CO5	S	S	S	S	M	S	S	S	S	S
Level of Correlation between CO and PO			L-LOW		M-MEDIUM			S-STRONG		
Tutorial Schedule				Group Discussion, Problem Solving, Quiz, Field Visit.						
Teaching and Learning Methods				Virtual laboratory practice, Hands on Training, Demonstration, Video Presentation						
Assessment Methods				Record, Samples, Model Practical Examination, Attendance for CIA End Semester Examination for EA						
Designed By			Verified By			Approved By				
Mrs. T.SUMATHI			Dr. K. SAKTHIVEL			<i>For</i> 				

for




M.Sc., Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M1PTFP03	PRACTICAL : CAD IN FASHION DESIGNING	DSC PRACTICAL - III	I	6			6	3
Objective	Design and develop pattern for kid's, women's and men's wear by using CAD software.							
S.No	List of Experiments / Programmes	Knowledge Levels	Sessions					
DESIGN AND DEVELOP THE PATTERN FOR THE FOLLOWING STYLE KIDS WEAR								
1	A-Line/Yoke frock	K1-K6	8					
2	Baba suit	K1-K6	8					
3	Knickers	K1-K6	8					
WOMEN'S WEAR								
1	Blouse	K1-K6	9					
2	Salwar kameez	K1-K6	9					
3	Skirt and Top	K1-K6	8					
MEN'S WEAR								
1	Basic Shirt	K1-K6	9					
2	Pant	K1-K6	8					
3	Trousers	K1-K6	8					
Course Outcome	CO1: Create CAD designs for Kid's garment manufacturing.	K6	75					
	CO2: Create CAD designs for men's garment manufacturing.	K6						
	CO3: Create CAD designs for women's garment manufacturing.	K6						
	CO4: Analyze CAD tools and its functions.	K4						
	CO5: Create fashionable garment patterns and designs.	K6						
Learning Resources								
Text Books	1. Fashion Design & The Computer, Dan Douglas. 2. A Text Book of Computer Aided Apparel fashion Designing & Production Patter							
Reference Books	1. Computer Aided Design (Cad) For Fashion, By Roxana Evans. 2. CAD for Fashion Design and Merchandising, STACY STEWART SMITH.							
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==							

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M1PTFP03	PRACTICAL : CAD IN FASHION DESIGNING	DSC PRACTICAL - III	I	6			6	3

CO-PO Mapping

CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S	S	S	S	M	S
CO2	M	M	S	S	S	M	S	M	S	S
CO3	S	S	S	M	S	S	S	L	S	M
CO4	L	S	S	S	S	M	S	S	S	S
CO5	S	S	M	S	S	S	S	S	S	S

Level of Correlation between CO and PO

L-LOW

M-MEDIUM

S-STRONG

Tutorial Schedule

Group Discussion, Problem Solving, Quiz, Field Visit.

Teaching and Learning Methods

Virtual laboratory practice, Hands on Training, Demonstration, Video Presentation

Assessment Methods

Record, Samples, Model Practical Examination, Attendance for CIA

End Semester Examination for EA

Designed By

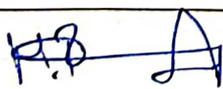
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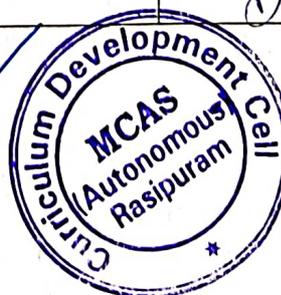
Ms. M.RAMYA

Dr. K. SAKTHIVEL

For





M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M2PTFC03	FASHION MERCHANDISING	DSC THEORY - III	II	5	5			5
Objective	To educate industrial skills of fashion merchandising departmental work systems.							
Unit	Course Contents	Knowledge Levels			Sessions			
I	<p>Introduction to Merchandising</p> <p>Introduction to Merchandising: Merchandising terminology - role and responsibilities of merchandiser - types of merchandisers - fashion merchandiser, export merchandiser, retail merchandiser and visual merchandiser.</p>	K1-K2			12			
II	<p>Roles of Buyer and Merchandiser</p> <p>Roles of buyer and merchandiser: Rights of fashion merchandising - roles of buyer - skill set of good fashion buyer- role of fashion merchandiser - skill set of good fashion merchandiser - own label versus branded buying and merchandising- fashion buyer and merchandiser job description</p>	K1-K3			12			
III	<p>Organizing The Buying and Merchandising Function</p> <p>Organizing the buying and merchandising function: Structure of buying and merchandising departments - Assistant buyer - buying administration assistant - assistant merchandiser - allocator - buyer and the key contact - merchandiser and their key contact - meeting schedules - how buyer & merchandiser work with other activities in the value chain</p>	K4			12			
IV	<p>Fashion Merchandising Budgeting</p> <p>Fashion Merchandising Budgeting: KPI budgeting - sales turnover budget - mark down spending budget - intake margin budgeting- stock target budgeting.</p> <p>Fashion Merchandising: Open to buy: What is open to buy - creating an open to buy budget -open to buy budgeting process.</p> <p>Fashion merchandising range planning: Introduction to range planning-range plan- optional plan -qualitative and quantitative aspects-range planning process.</p>	K5			12			
V	<p>Fashion Merchandising</p> <p>Fashion merchandising: Sizing, deliveries and allocation: Merchandiser supplier relationship, size curves, initial allocations-managing purchase orders and deliveries.</p> <p>Trading: Planning versus trading, repeats and cancellations, promotional planning, end of season sale.</p> <p>E-retailing: E-retailing and product management, E-retailing and stock</p>	K3			12			

	management and E- retail and drop shipping activities.			
Course Outcome	CO1: Understand the importance of merchandising in apparel industry.	K2	60	
	CO2: Understand and apply the roles of buyer and merchandiser skills in garment industry.	K2-K3		
	CO3: Analyze the functions of merchandising department in apparel industry.	K4		
	CO4: Evaluate the budget of fashion merchandising.	K5		
	CO5: Apply the fashion merchandising functions.	K3		
Learning Resources				
Text Books	1. David Shaw, T.J. Mastering Fashion Buying and Merchandising Management, Business & Economics 16- Nov-2000 .			
Reference Books	1. Palgrave Macmillan, J.C. Fashion Merchandising, Principles and Practice, Business & Economics, 28-Nov- 2014. 2. Tata McGraw, P. Retail Merchandising, Hill Education, 2010.			
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==			
	L-Lecture	T-Tutorial	P-Practical	C-Credit

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C		
21M2PTFC03	FASHION MERCHANDISING	DSC THEORY - III	II	5	5			5		
CO-PO Mapping										
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	M	M	S	S	S	M	S
CO2	S	M	M	S	M	M	M	L	M	S
CO3	M	S	M	S	S	L	M	M	M	S
CO4	S	M	M	S	M	M	S	L	S	S
CO5	M	M	M	S	S	L	M	M	L	S
Level of Correlation between CO and PO			L-LOW		M-MEDIUM			S-STRONG		
Tutorial Schedule				Group Discussion, Problem Solving, Quiz, Field Visit.						
Teaching and Learning Methods				Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration.						
Assessment Methods				Internal examination, Assignments, Attendance, Seminar, Unit test for CIA End semester Examination for EA						
Designed By			Verified By			Approved By				
Ms. S.GUNAVATHI			Dr. K. SAKTHIVEL			A. h. bany				

S. Gunavathi

Dr. K. Sakthivel



M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M2PTFC04	TECHNICAL TEXTILES	DSC THEORY - IV	II	5	5			5
Objective	To acquaint students skills on smart and intelligent textiles manufacturing and applications.							
Unit	Course Contents	Knowledge Levels			Sessions			
I	<p>Technical Textiles</p> <p>Technical Textiles: Definition, developments in fibres used in technical textiles, Applications of technical textiles, Globalization and Future of technical textiles industry. Technical Fibres: High – Strength and high-modulus organic fibres, high chemical and combustion - Resistant organic fibres, high performance inorganic fibres, ultra-fine and novelty fibres.</p>	K1-K3			12			
II	<p>Medical Textiles</p> <p>Medical Textiles: Classification – fibres Used. Non –Implantable, implantable, Extra Corporeal Devices, Health Care and Hygienic Products. Agro Textiles – Introduction, Fibres Used, types, functions and properties, characteristics and applications of Agro textile products.</p>	K1-K2			12			
III	<p>Build Tech</p> <p>Build Tech - Introduction, Fibres Used, types functions and properties characteristics and applications in Architecture and in Building Construction. Geo textiles – Introduction, Fibres Used, types functions and properties characteristics and applications in its Field. Indu Tech – Introduction, Fibres Used, types, functions and properties, characteristics and applications – Theory of Dust Collection.</p>	K3			12			
IV	<p>Protective Textiles</p> <p>Protective Textiles: Introduction, Fibres Used, types functions and properties, characteristics and applications fire protective clothing, heat resistant garments, water proof Materials, ballistic resistant vest. Biological and Chemical Vest, Military protective Clothing. Mobil tech Textiles- Introduction, Fibres Used, types functions and properties, characteristics and applications of mobile tech, applications in all kinds of road transport vehicles, rail and air craft's.</p>	K4			12			
V	<p>Sports Textiles</p> <p>Sports Textiles: Introduction, fibers used, Types, functions and properties, Characteristics and Applications of Sports Tech. Smart and intelligent Textiles - Classification - Active smart, passive smart and very smart textiles and phase change materials shape memory polymers, chromic and conductive</p>	K4			12			

	materials and its applications in various fields.				
Course Outcome	CO1: Remember and gain knowledge in technical textiles applications and the latest developments in fibers.		K1	60	
	CO2: Understand the types of medical textile products and functions.		K2		
	CO3: Apply the types of functional textile in building applications		K3		
	CO4: Apply the types of functional textile in protective applications		K3		
	CO5: Apply the types of functional textile in sports applications		K3		
Learning Resources					
Text Books	1. J W S Hearle, High Performance Fibres, Woodhead Publishing Ltd, England, (2001). 2. Sabit Adanur, Wellington Sears Handbook of Industrial Textiles CRC Press (1995).				
Reference Books	1. Dr. V. K. Kothari, Technical Textiles, Technology, Developments and Applications , IAFL Publications, New Delhi, (2008). 2. H. Mattila, Intelligent Textiles and Clothing, Publishing Ltd, England, (2006). 3. R Senthil Kumar, Textiles for Industrial Applications CRC Press (2013).				
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==				
	L-Lecture	T-Tutorial	P-Practical	C-Credit	

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C		
21M2PTFC04	TECHNICAL TEXTILES	DSC THEORY - IV	II	5	5			5		
CO-PO Mapping										
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	M	S	M	S	M	S	M	S
CO2	M	M	S	M	M	M	M	S	S	M
CO3	M	S	L	S	S	M	S	M	L	M
CO4	S	S	M	L	S	S	M	S	S	L
CO5	S	M	S	M	L	S	M	L	M	S
Level of Correlation between CO and PO			L-LOW		M-MEDIUM			S-STRONG		
Tutorial Schedule				Group Discussion, Problem Solving, Quiz, Field Visit.						
Teaching and Learning Methods				Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration.						
Assessment Methods				Internal examination, Assignments, Attendance, Seminar, Unit test for CIA End semester Examination for EA						
Designed By			Verified By			Approved By				
For  Mrs. T.SUMATHI			Dr. K. SAKTHIVEL							





M.Sc., Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

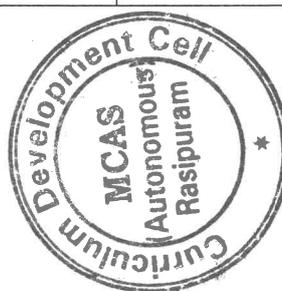
Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M2PTFP04	PRACTICAL : CAD IN TEXTILE DESIGNING	DSC PRACTICAL - IV	II	5			5	2
Objective	Design and develop pattern for kid's , women's and men's wear by using CAD software.							
S.No	List of Experiments / Programmes	Knowledge Levels	Sessions					
I	Create weave patterns for the following weaves:							
1	Plain	K1-K6	5					
2	Twill – 2/1 twill,1/2 twill,3/1 twill,1/3 twill (2/1,2/3 twill)	K1-K6	5					
3	3/3-pointed twill	K1-K6	6					
4	3/3 Herringbone twill	K1-K6	5					
5	Combined twill weave	K1-K6	6					
6	Huck a back	K1-K6	5					
7	Honeycomb- ordinary & brighter honey comb	K1-K6	6					
8	Mock leno	K1-K6	6					
II	Create the following weave pattern based on design							
1	Striped pattern – pin stripe, Bengal stripe, bar stripe, barcode stripe	K1-K6	5					
2	Checked pattern – checker board, Madras checks, Tartan checks	K1-K6	6					
3	Design a saree border, pallu and bodice design using Adobe Photoshop /Adobe Illustrator software	K1-K6	5					
Course Outcome	CO1: Create basic weave structures.	K6	60					
	CO2: Create stripes weave structures.	K6						
	CO3: Create checks weave structures.	K6						
	CO4: Create dobby and jacquard weave structures.	K6						
	CO5: Skilled to become a CAD designer in textile designing.	K6						
Learning Resources								
Text Books	1. Ellis Horowitz, Sartaj Shani, Fundamentals of Data Structures, Galgotia publication.							
Reference Books	1. Data structures Using C Aaron M. Tenenbaum, Yedidyah Langsam, Moshe J.Augenstein, Kindersley (India) Pvt. Ltd., 2. Data structure and Algorithms, Alfred V. Aho, John E. Hopcroft, Jeffrey D. Ullman, Pearson Education Pvt. Ltd.,							
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M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C		
21M2PTFP04	PRACTICAL : CAD IN TEXTILE DESIGNING	DSC PRACTICAL - IV	II	5			5	2		
CO-PO Mapping										
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	M	S	S	S	S	S	M
CO2	M	S	S	S	S	S	S	S	M	S
CO3	S	S	S	S	L	S	M	S	S	S
CO4	S	S	M	S	S	M	S	L	S	S
CO5	S	M	S	S	M	S	S	S	S	S
Level of Correlation between CO and PO			L-LOW		M-MEDIUM			S-STRONG		
Tutorial Schedule				Group Discussion, Problem Solving, Quiz, Field Visit.						
Teaching and Learning Methods				Virtual laboratory practice, Hands on Training, Demonstration, Video Presentation						
Assessment Methods				Record, Samples, Model Practical Examination, Attendance for CIA End Semester Examination for EA						
Designed By			Verified By			Approved By				
Ms. M.RAMYA			Dr. K. SAKTHIVEL			A. h. s...				

Ms. M. Ramya

Dr. K. Sakthivel



M.Sc., Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M2PTFP05	PRACTICAL - ADVANCED DRAPING TECHNIQUES	DSC PRACTICAL - V	II	5			5	2
Objective	To strengthen original expression while creating new silhouettes and develop the important skill of visualizing how a two-dimensional sketch moves into a three-dimensional form.							
S.No	List of Experiments / Programmes	Knowledge Levels	Sessions					
1	Draping the Woven Panel Preparing the calico, Draping the three grains, Visualizing calico VS Fabrics.	K1-K6	10					
2	Draping Skirts: Skirt silhouettes: Kilt, Dirndl, Ballet skirt, Straight skirt, A line skirt, Bias circle skirt. Variations yoked skirt with gathers and flare.	K1-K6	10					
3	Blouses with sleeve (Ladies Tops): Peasant blouse, Gibson girl blouse, Variations tunic with bell sleeve	K1-K6	10					
4	Draping and Fitting Trousers: Harem pants, Wide leg trousers with front tucks.	K1-K6	10					
5	Knits: Cotton Knit top with ribbed neckline.	K1-K6	10					
6	Draping on the Bias: Bias draped camisole, Bias chemise with princess line.	K1-K6	10					
Course Outcome	CO1: Design varieties of skirts through draping technique.	K6	60					
	CO2: Create Blouses for ladies by adopting the variations of darts and Fullness.	K6						
	CO3: Create a new drape of advanced trousers and check the fit.	K6						
	CO4: Create a new drape of camisole and princess line on bias.	K6						
	CO5: Create a new drape of knit tops and visualize the fit.	K6-K4						
Learning Resources								
Text Books	1. Draping: The Complete Course, Karolyn Kiisel, Laurence King Publishing, 13-Sep- 2013.							
Reference Books	1. Draping for Fashion Design, Hilde Jaffe, Pearson Education India, 2000.							
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==							

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C		
21M2PTFP05	PRACTICAL : ADVANCED DRAPING TECHNIQUES	DSC PRACTICAL - V	II	5			5	2		
CO-PO Mapping										
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	S	S	S	S	S	S	S	M	S
CO2	S	M	S	S	M	S	S	S	S	S
CO3	S	S	M	S	S	S	M	S	S	S
CO4	S	S	S	S	S	M	S	S	S	L
CO5	S	S	S	S	M	S	S	S	S	S
Level of Correlation between CO and PO			L-LOW		M-MEDIUM			S-STRONG		
Tutorial Schedule				Group Discussion, Problem Solving, Quiz, Field Visit.						
Teaching and Learning Methods				Virtual laboratory practice, Hands on Training, Demonstration, Video Presentation						
Assessment Methods				Record, Samples, Model Practical Examination, Attendance for CIA End Semester Examination for EA						
Designed By			Verified By				Approved By			
Mrs. S.RAMYA			Dr. K. SAKTHIVEL				A. h. Jagan			

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M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards								
Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFC05	ADVANCED TEXTILE PROCESSING	DSC THEORY - V	III	5	5			5
Objective	Gain knowledge on textile processing and acquire knowledge about pollution cause by using various chemicals and processing method.							
Unit	Course Contents	Knowledge Levels			Sessions			
I	Application of Enzymes in Textile Chemical Processing – Enzymes used in de-sizing process, Bio-scouring process and its advantages, Bio – Bleaching and its advantages. Natural dyes – Various Sources of Natural dyes. General procedure for application of natural dyes on cotton and other fibers. Advantages and disadvantages of Natural Dyes	K1-K2			12			
II	Garment dyeing – Basic theory of Garment Dyeing – special chemical for garment dyeing – Advantages of garment dyeing – Precaution steps to be taken before garment dyeing–Quality controlling garment processing.	K1-K2			12			
III	Finishing – Definition and Advantages – Bio polishing – Enzymes used for Bio Polishing – Bio Polishing of cotton fabrics – Bio polishing of polyester and its blends, UV protective finish, Anti-microbial finish, Fragrance finish, Burn out finish, Denim finish.	K4			12			
IV	Printing: Preparation of hosiery cloth for printing – Tubular and slit open forms, Khadi printing, Pearl printing, Glitter and Metallic printing, Flock printing by electrostatic method. Working of Garment printing machine. Digital Inkjet printing – Advantages and Limitations. Capsule printing, Crimp and Crepon style of printing.	K3			12			
V	Pollution –Types- Land, Water, Air and Noise Pollution –Causes and remedies related to textile industry. Effluent treatment – methods – color removal- Bio – degradation. ETP plant, Need for Eco-friendly Textile Processing.	K4			12			
Course Outcome	CO1: Apply the advanced textile processing techniques				K3			
	CO2: Understand the garment dyeing process.				K2			
	CO3: Analyze about textile finishing.				K4			
	CO4: Apply the printing procedures for various textile materials.				K3			
	CO5: Analyze about various pollution and effluent treatments.				K4			
					60			

Learning Resources				
Text Books	1. Dr. V. A. Shenai Textile Finishing, Sevak Publications. 2. K. B. Krishna kumar Pollution in Textile Industry, SSM ITT Staff & students Co-operative stores Ltd. 3. S. Duhayamarthandan, Technology of Textile Printing, SSM ITT Staff & students Co-operative stores Ltd.			
Reference Books	1. Dr. S. Jayaprakasam, Dr. G. Nalankilli. Textile Finishing. 2. R. Shanmugaraj, S.U. Eco friendly Textile Processing, SSM ITT Staff & students Co-operative stores Ltd. 3. Dr. D. K. Aggarwal, Housekeeping management Amman publication, New Delhi.			
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==			
	L-Lecture	T-Tutorial	P-Practical	C-Credit

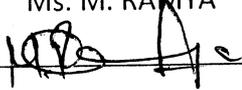
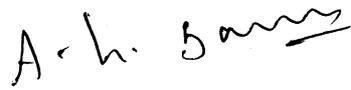
M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards										
Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C		
21M3PTFC05	ADVANCED TEXTILE PROCESSING	DSC THEORY -V	III	5	5					5
CO-PO Mapping										
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	S	M	S	M	S	M	S	M
CO2	M	S	M	S	M	S	L	M	M	S
CO3	S	L	S	S	S	M	M	S	S	M
CO4	S	M	S	M	S	S	S	M	S	S
CO5	S	S	M	S	M	L	M	S	M	S
Level of Correlation between CO and PO			L-LOW		M-MEDIUM			S-STRONG		
Tutorial Schedule										
Teaching and Learning Methods					Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration.					
Assessment Methods					Internal examination, Assignments, Attendance, Seminar, Unit test for CIA End semester Examination for EA					
Designed By			Verified By				Approved By			
Mrs. P. SASIKALA <i>P. Sasikala</i>			Dr. K. SAKTHIVEL <i>[Signature]</i>				<i>A. h. bannu</i>			



M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards								
Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFC06	TEXTILE TESTING	DSC THEORY - VI	III	5	5			5
Objective	To impart knowledge on testing of textile fiber, yarn and fabric properties							
Unit	Course Contents	Knowledge Levels			Sessions			
I	Testing Introduction to testing – definition, objectives, importance and types of testing, International Quality parameters and standards like AATCC, ASTM, BIS etc. Humidity- absolute and relative (moisture content and regain) , Standard atmospheric conditions, Moisture and Humidity – its importance and relationship to textiles, Determination of humidity – Wet and Dry bulb hygrometer and sling hygrometer ,Measurement of moisture regain and content by Conditioning oven method.	K1-K2			12			
II	Fiber Testing Fiber testing - Cotton fiber length –determination of fibre length by Baer sorter method, Fineness – Air flow principle – determination of fibre fineness by Sheffield micron ire method, fibre maturity – Caustic soda swelling method, fibre strength – determination of fibre strength by Pressely bundle strength tester and Stelo meter method, Determination of trash and lint in cotton by Shirley trash analyzer method.	K1-K4			12			
III	Yarn Testing Yarn testing - Yarn numbering system – conversion of count from one system to another, Instruments for count determination – Quadrant balance, Beesely balance. Yarn strength testing – principles of CRT, CRL, CRE – Single yarn strength tester, Lea strength tester. Yarn twist- Direction of twist, Twist testers – Tension type twist tester, Yarn evenness – classification of variation, methods of measuring evenness using black board method, Uster evenness tester, determination of yarn hairiness and yarn crimp.	K1-K4			12			
IV	Fabric Testing Fabric testing – fabric weight, cover factor, fabric thickness. Fabric strength – fabric tensile strength tester, tearing strength tester, hydraulic bursting strength tester. Fabric abrasion resistance- Martindale abrasion tester, Fabric pilling – ICI pill box tester. Fabric drape – Measurement of drape, fabric stiffness – Shirley stiffness tester. Fabric crease resistance - crease recovery tester, Fabric permeability – Shirley air permeability tester. Brief	K1-K4			12			

	study on Kawabata Evaluation System (KES) and (FPT) Fabric Performance Test.				
V	Color Fastness & Garment Testing Color fastness in textiles – importance and factors affecting colour fastness, colour fastness to Crocking - dry and wet, perspiration – acid and alkaline, sunlight, laundering, pressing and dry-cleaning aspects. Grey scales and ratings. (GPT) Garment Package Test- Seam strength, seam finishing, shrinkage, garment washing – lambda meter			K1-K4	12
Course Outcome	CO1: Understand the importance of standard atmospheric conditions required for testing.			K2	60
	CO2: Analyze and examine the determination of yarn properties fibre properties.			K4	
	CO3: Analyze and examine the determination of yarn properties.			K4	
	CO4: Analyze and examine the determination of fabric properties.			K4	
	CO5: Analyze and examine the determination of color fastness of dyed materials			K4	
Learning Resources					
Text Books	1. Elliot B Grover and Hamby D S, Handbook of Textile Testing and Quality Control, Willey Eastern limited, New Delhi(1988). 2. Newness Butterworth's, B.J.E.(notate) Principles of Textile Testing, London (1976).				
Reference Books	1. Dr. Arindam Textile Testing, SITRA Coimbatore (2001). 2. Saville BP Physical Testing of Textiles, Wood head publishing, Cambridge (2004). 3. Gopalakrishnan. R, A. P. Textile Testing, SSM Institute of Technology, Komarapalayam. (2002).				
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==				
	L-Lecture	T-Tutorial	P-Practical	C-Credit	

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C		
21M3PTFC06	TEXTILE TESTING	DSC THEORY - VI	III	5	5			5		
CO-PO Mapping										
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	M	M	S	S	M	M	M
CO2	M	S	S	S	S	M	M	L	S	S
CO3	S	M	M	M	M	L	S	M	S	S
CO4	M	S	M	S	M	M	S	M	M	S
CO5	S	M	L	M	S	L	M	L	S	M
Level of Correlation between CO and PO			L-LOW		M-MEDIUM			S-STRONG		
Tutorial Schedule										
Teaching and Learning Methods			Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration							
Assessment Methods			Internal examination, Assignments, Attendance, Seminar, Unit test for CIA End semester Examination for EA							
Designed By			Verified By			Approved By				
Ms. M. RAMYA 			Dr. K. SAKTHIVEL 							



M.Sc Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFP06	PRACTICAL - TEXTILE TESTING	DSC PRACTICAL - VI	III	6			6	3

Objective To practice the various textile testing equipment in standard atmospheric conditions.

S. No.	List of Experiments / Programmes	Knowledge Levels	Sessions
1	Determination of fabric weight of the given fabric	K1-K6	6
2	Determination of Thickness of the given Fabric.	K1-K6	5
3	Determination of Tensile Strength of the given Fabric.	K1-K6	6
4	Determination of Stiffness of the given Fabric.	K1-K6	5
5	Determination of Abrasion Resistance of the given Fabric.	K1-K6	5
6	Determination of Crease Recovery of the given Fabric.	K1-K6	6
7	Determination of Drape of the given Fabric.	K1-K6	6
8	Determination of Tearing strength of the given fabric.	K1-K6	5
9	Determination of Bursting Strength of the given Fabric.	K1-K6	6
10	Determination of Colour Fastness of the given Fabric by Crock meter.	K1-K6	5
11	Determination of Colour Fastness of the given Fabric by Perspirometer.	K1-K6	5
12	Determination of Colour Fastness of the given Fabric by Launder-o-meter.	K1-K6	5
13	Determination of Colour Fastness of the given Fabric by Pressing.	K1-K6	5
14	Determination of Shrinkage of the given Fabric.	K1-K6	5

Course Outcome	CO1: Test the textile substrates at standard atmospheric conditions.	K4	75
	CO2: Analyse the textile substrates.	K4	
	CO3: Operate the equipment without any assistance while carrying out the testing of fibres, yarns and fabrics.	K4-K6	
	CO4: Interpret the data more accurately.	K2	
	CO5: Analyze and appraise the properties of textile materials.	K4	

Learning Resources

Text Books	1. Textile Testing Book by D. Gopalakrishnan
Reference Books	1. A Practical Guide to Textile Testing K. Amutha 2. Principles of Textile Testing, Book by J.E. Booth
Website Link	1. http://gen.lib.rus.ec/

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFP06	PRACTICAL : TEXTILE TESTING	DSC PRACTICAL - VI	III	6			6	3

CO-PO Mapping

CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	S	S	M	S	S	S	S	S	M
CO2	S	L	S	S	M	S	S	S	M	S
CO3	S	S	M	S	S	S	S	L	S	S
CO4	S	S	S	S	S	S	M	S	S	S
CO5	S	M	S	S	M	S	S	S	S	S

Level of Correlation between CO and PO

L-LOW

M-MEDIUM

S-STRONG

Tutorial Schedule

Group Discussion, Problem Solving, Quiz, Field Visit.

Teaching and Learning Methods

Virtual laboratory practice, Hands on Training, Demonstration, Video Presentation

Assessment Methods

Record, Samples, Model Practical Examination, Attendance for CIA

End Semester Examination for EA

Designed By

Verified By

Approved By

Ms. S. GUNAVATHI

Dr. K. SAKTHIVEL

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M.Sc Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFP07	PRACTICAL : DIGITAL FASHION PORTFOLIO PRESENTATION	DSC PRACTICAL - VII	III	6			6	3
Objective	Develop designs based on forecasting for future fashions with suitable selection of fabric, trims and accessories and acquire multi skills technique in design, draft, construct and making accessories.							

S. No.	List of Experiments / Programmes	Knowledge Levels	Sessions
I	Develop the following three different E-Portfolios in three different bases by using CAD Software		
1	Indian tradition	K1-K6	4
2	Fashion forecasting	K1-K6	4
3	Individual creativity	K1-K6	4
4	Fashion show, Ramp design, Lighting	K1-K6	4
II	The E-Portfolio should contain the following boards and construct the garment for the same		
1	Acknowledgement	K1-K6	4
2	Theme Board	K1-K6	4
3	Mind mapping	K1-K6	4
4	Mood Board	K1-K6	4
5	Inspiration Board	K1-K6	3
6	Customer Profile	K1-K6	4
7	Flat Sketches	K1-K6	4
8	Illustration Board	K1-K6	4
9	Component Board	K1-K6	4
10	Color Board	K1-K6	4
11	Fabric Board	K1-K6	4
12	Accessories Board & Ornaments Board	K1-K6	4
13	Story Board	K1-K6	4
14	Assembling garment components	K1-K6	4
15	Photo shoots with different pose on stage	K1-K6	4
Course Outcome	CO1: Create and visualize the outcome of entire costume.	K4-K6	75
	CO2: Create and Start up Boutiques and designer shop.	K6	
	CO3: Create a customer profile	K6	
	CO4: Create Different boards.	K6	
	CO5: Create a fabric technician, garment technician, accessory maker, fashion Merchandiser and fashion designer.	K6	

Learning Resources

Text Books	1. Fashion Portfolio: Design and Presentation by Anna Kiper 2. Portfolio presentation for fashion designers by Linda Tain.
Reference Books	1. DESIGNING YOUR FASHION PORTFOLIO - Fairchild Books 2. Traditional and Digital Portfolios for Your Fashion Drawings By: Lisa Arnold and Marianne Egan
Website Link	1. http://gen.lib.rus.ec/

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFP07	PRACTICAL : DIGITAL FASHION PORTFOLIO PRESENTATION	DSC PRACTICAL - VII	III	6			6	3

CO-PO Mapping

CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S	S	S	S	S	S
CO2	M	S	S	S	S	S	S	M	S	S
CO3	S	S	S	M	S	M	S	S	S	S
CO4	S	L	S	S	S	S	S	S	M	S
CO5	M	S	M	S	S	S	M	S	S	S

Level of Correlation between CO and PO	L-LOW	M-MEDIUM	S-STRONG
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Tutorial Schedule	Group Discussion, Problem Solving, Quiz, Field Visit.
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Teaching and Learning Methods	Virtual laboratory practice, Hands on Training, Demonstration, Video Presentation
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Assessment Methods	Record, Samples, Model Practical Examination, Attendance for CIA End Semester Examination for EA
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Designed By	Verified By	Approved By
Mrs. S. RAMYA	Dr. K. SAKTHIVEL	<i>[Signature]</i>

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M. Sc Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFIS1	INTERNSHIP	INTERNSHIP	III	-	-	-	-	2
Objective	To give optimum exposure on the practical aspects of Textile & Fashion Designing Industries.							

S. No.	Guidelines for Internship Training Programme	Knowledge Levels	Sessions
1	The student should undergo 30 Days Internship training in any Textile Processing Unit/ Designer House / Buying House/ Garment Unit / Retail house during the vacation which falls at the end of the 2 nd Semester.	K2-K4	
2	The training bridges the gap between the theoretical knowledge gained in the college and the practical application of the same in the industry / company / stores. The student will have a better exposure about the workplace and its nuances.		
3	Schedule of visit to be made by the staff is to be prepared by the HOD / Staff-in-charge.		
4	The trainees should strictly adhere to the rules and regulations and office timings of the institutions to which they are attached.		
5	A Staff member of a Department (Guide) will be monitoring the performance of the Candidate.		
6	The students should maintain a daily logbook where the student should record his details of the training.		
7	The trainees have to obtain a certificate on successful completion of the internship from the chief executive of an organization.		
8	The student should submit an attendance certificate to the institution for 30 days internship training from an organization.		
9	Internship Training Report (30 – 50 pages) should be prepared by the student and submitted in a month's time and at the end of the semester student should present the report with a power point presentation.		
10	Industrial training reports shall be prepared by the students under the supervision of the faculty of the department.		
11	Industrial training report must contain the following: Cover page Copy of training certificate, Profile of an industry report about the work undertaken by them during the tenure of training observation about the concern findings.		
12	Practical viva – voce examination will be conducted with internal & external examiners at the end of the 3 rd semester and the credits will be awarded.		
13	Report Evaluation: External Viva-Voce examination will be conducted and the maximum mark is 100.		

Course Outcome	CO1: Apply new techniques and ideas in textile and fashion industry	K3
	CO2: Analyze the results of new initiatives	K4
	CO3: Create a new work plan with greater output	K6
	CO4: Create a framework of work execution ideas	K6
	CO5: Create a detailed technical work plan and terminologies to be followed in industry.	K6
Learning Resources		
Text Books	1. The Successful Internship by H. Frederick Sweitzer, Mary A. King, 2013. 2. Social Media Tools in Experiential Internship Learning by Samuel Kai Wah Chu, 2020.	
Reference Books	1. The Intern Files: How to Get, Keep and Make the Most of Your Internship by Jamie Fedorko, 2006.	
Website Link	1. http://gen.lib.rus.ec/	

M. Sc - Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards												
Course Code	Course Title					Course Type	Sem	Hours	L	T	P	C
21M3PTFIS1	INTERNSHIP					INTERNSHIP	III	-	-	-	-	2
CO-PO Mapping												
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	M	S	S	S	S	M	S	S	S	S		
CO2	S	M	S	S	S	S	M	S	S	S		
CO3	M	S	S	S	S	M	S	S	S	S		
CO4	S	M	S	S	S	S	M	S	S	S		
CO5	M	S	S	S	S	M	S	S	S	S		
Level of Correlation between CO and PO		L-LOW			M-MEDIUM			S-STRONG				
Tutorial Schedule												
Teaching and Learning Methods												
Assessment Methods						CIA – 100 Marks 1. Work Log Book – 25 Marks 2. Training Report and Viva-Voce – 75 Marks						
Designed By			Verified By			Approved By						
Dr. K. SAKTHIVEL			Dr. K. SAKTHIVEL			h- 5am						



M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M4PTFC07	FASHION MARKETING	CORE THEORY - VII	IV	5	5			5
Objective	Learn about market domestic and global market research and marketing strategies.							
Unit	Course Contents	Knowledge Levels	Sessions					
I	FASHION Fashion: Meaning, Definition & Terminologies – Components of fashion - Principles of fashion – Environment of fashion: Demographic & Psychographic, Economic, Sociological and psychological factors – Fashion cycle - Leaders of fashion: Designer’s role, manufacturer’s role and retailer’s role – Theories of fashion adoption.	K1-K3	12					
II	MARKETING Meaning and classification of marketing, fashion marketing, fashion market size and structure, marketing environment –micro marketing environment, macro marketing environment. Trends in marketing management. Marketing function – definition and classification product planning and development importance of fashion products, nature of fashion products. The fashion industry and new product development product mix and range planning. Product line policies	K1-K4	12					
III	FASHION ADVERTISING Fashion advertising and preparation of advertising for apparel market. Advertising media used in apparel marketing. Advertising department, advertising agencies. A survey on analysis of customers fashion preference & international advertising. Fashion sales promotional programme for apparel marketing, communication and promotion, personal selling, point of purchase, sales promotion objectives, consumer sales promotion.	K4	12					
IV	MARKETING RESEARCH "Marketing research – definition, scope and importance of market research in new product development. Pricing policies and strategies for apparel products. Importance of price policies. Functions of pricing. Factor influencing price decisions. Methods of setting prices. International pricing policy, export pricing. "	K3	12					
V	GLOBAL MARKET STRATEGIES "Global market and its participants in international marketing – Importance, growth and benefits – international market place- goods and services multinational corporations banks and insures trading companies – implications for marketing management- GATT. Present export and import	K4	12					

	details. Digital marketing- types- benefits – Depth-sale study in online market.			
Course Outcome	CO1: Predict fashion terms used in textile/fashion industry		K1	60
	CO2: Generalize the marketing strategies used in apparel/fashion field.		K1-K2	
	CO3: Analyze the advertising techniques and methods used in fashion/apparel sector.		K4	
	CO4: Apply fashion market research and its factors.		K3	
	CO5: Analyze global markets related to fashion/apparel.		K4	
Learning Resources				
Text Books	1. R.S.N. Pillai and Bagavathi, S, "Marketing", Chand & Co ltd New Delhi –1987.			
Reference Books	1. Philip C.F and Duneon D.T, "Marketing Principle and methods", Irwin publications. 2. "Backman T.N. Maynard H.H and Davidson W.R, "Principles of Marketing", Ronald Press Company, New York 1970."			
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==			
	L-Lecture	T-Tutorial	P-Practical	C-Credit

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards											
Course Code	Course Title				Course Type	Sem	Hours	L	T	P	C
21M4PTFC07	FASHION MARKETING				DSC THEORY - VII	IV	5	5			5
CO-PO Mapping											
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	M	M	S	M	S	M	S	M	S	M	
CO2	M	S	S	S	M	S	M	S	S	M	
CO3	S	S	M	S	M	S	L	S	M	S	
CO4	M	S	M	M	S	M	S	S	M	M	
CO5	S	M	S	M	L	M	L	M	S	S	
Level of Correlation between CO and PO			L-LOW		M-MEDIUM			S-STRONG			
Tutorial Schedule				Group Discussion, Problem Solving, Quiz, Field Visit.							
Teaching and Learning Methods				Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration.							
Assessment Methods				Internal examination, Assignments, Attendance, Seminar, Unit test for CIA End semester Examination for EA							
Designed By			Verified By				Approved By				
Ms. M.RAMYA			Dr. K. SAKTHIVEL				A. h. Sane				

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M.Sc., Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M4PTFP08	PRACTICAL : FASHION MODELING & PHOTOGRAPHY	DSC PRACTICAL - VIII	IV	6			6	3
Objective	Train professionals to design an image, build a set for a photo shoot, and manage the post-production of photographs and create specialization in Fashion Photography is targeted at anyone interested acquiring the professional training necessary to become immediately competitive in the job market. The student present work in digital and printed portfolios and important means of showing all of their professional skills.							
S.No	List of Experiments / Programmes	Knowledge Levels	Sessions					
	LIST OF EXPERIMENTS							
1	Capture different types of fabric textures and textiles	K1-K6	9					
2	Produce a video of any Product/ Garment by using different techniques.	K1-K6	9					
3	Shoot various dresses and accessories on outdoor locations	K1-K6	9					
4	Photo shoot of a model for the cover page of a Magazine	K1-K6	8					
5	Photo shoots of a model portfolio. (Pose, Visual mood, Black and White vs Color)	K1-K6	8					
6	Different clicked Angles and Shots / Object - background	K1-K6	8					
7	Present a fashion photography portfolio for critique and evaluation.	K1-K6	8					
8	Types of lighting on garment and object (Model)	K1-K6	8					
Course Outcome	CO1: Understand the photography techniques to make fashion advertisement of textile and fashion products.	K2	75					
	CO2: Create knowledge of fashion modeling	K1-K6						
	CO3: Create market research for fashion and textile products sales promotion.	K6						
	CO4: Create a professional fashion model	K6						
	CO5: Create a professional fashion photographer.	K6						
Learning Resources								
Text Books	1. All about SLR 35 mm camera 2. "Video Production" by Vasuki Belavadi 3. "A Different Vision" by Peter Lindbergh							
Reference Books	1. Lighting People: A Photographer's Reference by Rossella Vanon 2. The photographer's guide to posing by: Lindsay Adler							
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==							

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M4PTFP08	PRACTICAL : FASHION MODELING & PHOTOGRAPHY	DSC PRACTICAL - VIII	IV	6			6	3

CO-PO Mapping

CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S	M	S	M	S	S
CO2	S	S	S	S	M	S	S	L	S	S
CO3	M	S	L	S	S	M	S	S	M	S
CO4	S	S	M	S	S	S	S	S	S	S
CO5	S	S	S	S	M	S	S	S	M	S

Level of Correlation between CO and PO	L-LOW	M-MEDIUM	S-STRONG
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Tutorial Schedule	Group Discussion, Problem Solving, Quiz, Field Visit.
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Teaching and Learning Methods	Virtual laboratory practice, Hands on Training, Demonstration, Video Presentation
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Assessment Methods	Record, Samples, Model Practical Examination, Attendance for CIA End Semester Examination for EA
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Designed By	Verified By	Approved By
Ms. M. RAMYA	Dr. K. SAKTHIVEL	<i>A. h. S...</i>

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M.Sc., Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M4PTFP09	PRACTICAL : ACCESSORY DESIGNING	DSC PRACTICAL - IX	IV	6			6	3
Objective		To provide knowledge in accessory designing and making						
S.No	List of Experiments / Programmes	Knowledge Levels	Sessions					
	Prepare the following Samples using the available raw materials / any base material.							
1	Hand bags -4 varieties.	K1-K6	10					
2	Purses / Wallets - 4 varieties.	K1-K6	11					
3	Slippers / Shoes - 5 models.	K1-K6	10					
4	Belts - 5 models.	K1-K6	11					
5	Gloves-3 models.	K1-K6	10					
6	Hats- 3 models.	K1-K6	11					
7	Scarves-3 models.	K1-K6	10					
8	Cell Phone covers- 4 varieties	K1-K6	11					
9	A set of bridal ornaments – select a bridal costume of any religion	K1-K6	10					
10	A set of ornaments for a dress designed for a fashion show	K1-K6	11					
Course Outcome	CO1: Provides knowledge in selecting raw materials for accessory designing	K1	75					
	CO2: Create a fashionable ornaments	K6						
	CO3: Create a fashionable ornaments	K6						
	CO4: Create an entrepreneur.	K6						
	CO5: Create new business to start ornament designing	K6						
Learning Resources								
Text Books	1.The Accessory Handbook: A Costume Designer's Secrets for Buying, Wearing, and Caring for ,Alison Freer (Author)							
Reference Books	1.Accessory Design Aneta Genova (Author) 2.Basics Fashion Design 09: Designing Accessories Exploring the design and construction of bags, shoes, hats and jewellery John Lau (Author) 3.Designing Fashion Accessories: by MARTA R. HIDALGO							
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==							

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C		
21M4PTFP09	PRACTICAL : ACCESSORY DESIGNING	DSC PRACTICAL - IX	IV	6			6	3		
CO-PO Mapping										
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S	S	M	S	S	S
CO2	S	S	L	S	S	S	S	S	S	S
CO3	M	S	S	S	M	S	S	M	S	S
CO4	S	S	S	S	S	S	L	S	S	S
CO5	S	S	M	S	S	S	S	S	S	M
Level of Correlation between CO and PO			L-LOW		M-MEDIUM			S-STRONG		
Tutorial Schedule				Group Discussion, Problem Solving, Quiz, Field Visit.						
Teaching and Learning Methods				Virtual laboratory practice, Hands on Training, Demonstration, Video Presentation						
Assessment Methods				Record, Samples, Model Practical Examination, Attendance for CIA End Semester Examination for EA						
Designed By			Verified By			Approved By				
Mrs. S. PRIYA			Dr. K. SAKTHIVEL			<i>A. h. b. [Signature]</i>				

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M.Sc., Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M4PTFPR1	PROJECT WORK	PROJECT WORK	IV	12			12	5
Objective	To Identify Problem related to their area of interest in textile and fashion industry and enhance problem solving skills and research knowledge.							
Details	Course Content				Knowledge Levels		Sessions	
PROJECT PREPARATION FORMAT								
Cover Page & Title Page	Cover Page & Title Page: The fonts and locations of various items on this page should be exactly as shown in a specimen copy.							
Inside cover page	Inside cover page Same as cover page.							
Bonafide Certificate	Bonafide Certificate: The Bonafide Certificate shall be in double line spacing using Font Style Times New Roman and Font Size 14.							
Acknowledgement	Acknowledgement: This should not exceed one page.							
Abstract	Abstract: Abstract should be one page synopsis of the project report typed double line spacing, Font Style Times New Roman and Font Size 14.							
Contents	Table of Contents: The table of contents should list all headings, sub headings after the table of contents page, as well as any titles preceding it. The title page and Bonafide Certificate will not find a place among the items listed in the Table of Contents. One and a half spacing should be adopted for typing the matter under this head.							
Tables	List of Tables: The list should use exactly the same captions as they appear above the tables in the text. 1.5 spacing should be adopted for typing the matter under this head.							
Figures	List of Figures: The list should use exactly the same captions as they appear below the figures in the body of the text. One and a half spacing should be adopted for typing the matter under this head. All charts, graphs, maps, photographs and diagrams should be designated as figures. X and Y axes titles are mandatory for all the graphs.							
Symbols	List of Symbols, Abbreviations and Nomenclature: 1.5 spacing should be adopted or typing the matter under this head. Standard symbols, abbreviations etc. should be used.							

Chapters	Chapter I - Introduction: Statement of the Problem, Significance, Need for the study, Objectives		
	Chapter II- Review of literature		
	Chapter III- Methodology: Tools used, Procedures, Hypothesis.		
	Chapter IV- Results and Discussion: Tables and Figures, Statistical Presentations, Hypothesis Testing.		
	Chapter V- Summary and conclusion		
	Chapter VI- Scope of the Project		
	References		
GUIDELINES FOR PROJECT PREPARATION			
Numbering	<ul style="list-style-type: none"> • Every page in the project report, except the project report title page, must be accounted for and numbered. • The page numbering, starting from acknowledgements and till the beginning of the introductory chapter, should be printed in small Roman numbers, i.e, i, ii, iii, iv..... • The page number of the first page of each chapter should not be printed (but must be accounted for). All page numbers from the second page of each chapter should be printed using Arabic numerals, i.e. 2,3,4,5... • All printed page numbers should be located at the right corner at the bottom of the page. 	K4-K6	
Chapters	<ul style="list-style-type: none"> • Use only Arabic numerals. Chapter numbering should be centered on the top of the page using large bold print. <Size 14><Times New Roman> 	K4-K6	
TEXT			
Regular Text	Regular Text: Times Roman 12 pts and normal print.	K4-K6	
Chapter Heading	Chapter Heading - Times Roman 14 pts. Bold and capital.	K4-K6	
Section Headings	Section Headings - Times roman 12 pts. Bold and capital.	K4-K6	
Subsection Headings	Subsection Headings - times roman 12 pts. bold print and Leading capitals i.e, only first letter in each word should be in capital.	K4-K6	
Special Text	Special Text- Italics/Superscript /Subscript/Special symbols, etc., as per necessity. Special text may include footnotes, endnotes, physical or chemical symbols, mathematical notations, etc.	K4-K6	
Sections	Sections: Use only Arabic numerals with decimals. Section numbering should be left justified using bold print. Example: 1.1, 1.2, 1.3, etc.	K4-K6	
Sub Sections	Sub Sections: Use only Arabic numerals with two decimals. Subsection numbering should be left Justified using bold print. Example: 1.1.1, 1.1.2, 1.1.3, etc.	K4-K6	
References	Use only Arabic numerals. Serial numbering should be carried out based on Alphabetical order of surname or last name of first author.	K4-K6	

	<p>The format is written like, author name followed by year followed by title of the work followed by details of the journal. Same font as regular text, serial number and all authors names to be in bold print.</p> <p>Title and Journal names should be in italic.</p> <p>One Author: Williams, G. State and Society in. Onco State, Nigeria, Afrographika, 1980.</p> <p>Two Authors: Phizacklea, A & Miles, R. Labour and Racism. London, Routledge & Kegan Paul, 1980.</p> <p>3+ Authors: O'Donovan, P., et al. The United States. Amsterdam, Time-Life International, 1966.</p>		
Typing Instructions	<p>Typing Instructions: The impression on the typed copies should be black in color. One and a half spacing should be used for typing the general text. The general text shall be typed in the Font style 'Times New Roman' and Font size 12. Use A4 (210 mm X 297 mm) bond un-ruled paper (80 gsm) for all copies submitted. Use one side of the paper for all printed/typed matter.</p>	K4-K6	
Justification	<p>Justification: The text should be fully justified</p>	K4-K6	
Margins	<p>Margins: The margins for the regular text are as follows LEFT - 1.5" RIGHT - 1" TOP - 1" BOTTOM - 1"</p>	K4-K6	
Paragraph Spacing	<p>Use 6 pts before & 6 pts after paragraphs. All paragraphs in the seminar/project report should be left justified completely, from the first line to the last line.</p> <p>Use 1.5 spacing between the regular text and quotations.</p> <p>Provide double spaces between: (a) From top of page to chapter title, (a) Chapter title and first sentence of a chapter,</p> <p>Use single spacing (a) In footnotes and endnotes for text. (b) in explanatory notes for tables and figures. (c) in text corresponding to bullets, listings, and quotations in the main body of seminar/project report .</p> <p>Use single space in references and double space between references.</p>	K4-K6	
Tables	<p>All tables should have sharp lines, drawn in black ink, to separate rows/columns as and when necessary.</p>	K4-K6	

	<p>Tables should follow immediately after they are referred to for the first time in the text. Splitting of paragraphs, for including tables on a page, should be avoided.</p> <p>Provide double spaces on the top and the bottom of all tables to separate them from the regular text, wherever applicable. The title of the table etc. should be placed on the top of the table. The title should be centered with respect to the table. The titles must be in the same font as the regular text and should be single spaced.</p>		
Figures	<p>All figures, drawings, and graphs should be drawn in black ink with sharp lines and adequate contrast between different plots if more than one plot is present in the same graph. The title of the figure etc. should be placed on the bottom of the figure.</p> <p>Figures should follow immediately after they are referred to for the first time in the text. Splitting of paragraphs, for including figures on a page, should be avoided. Provide double spaces on the top and the bottom of all figures to separate them from the regular text, wherever applicable. Figures should be centered with respect to the figure. The titles must be in the same font as the regular text and should be single spaced. The title format is given below:</p> <p>Fig. <blank><chapter number>.<serial number><left indent><figure</p>	K4-K6	
Page Dimension & Binding Specifications	The project report should be prepared in A4 size. The dissertation shall be properly bound; The bound front cover should indicate in Silver and embossed letter.		
Course Outcome	Identification of research idea	K4	
	Analyze of problem solving skills	K4	
	Analyze sources for conduct of Research	K4	
	Evaluate the research report	K5	
	Create the research report	K6	
Learning Resources			
Text Books	1. Research Methodology: Methods and Techniques, by C.R. Kothari, New Age Publications, 2009.		
Reference Books	1. Research Methodology: Methods and Techniques by C.R. Kothari, New Age Publications, 1985. 2. Essentials of Research Design and Methodology by: Geoffrey R. Marczyk, David DeMatteo, David Festinger, 2005.		
Website Link	1. http://gen.lib.rus.ec/		

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title				Course Type	Sem	Hours	L	T	P	C
21M4PTFPR1	PROJECT WORK				PROJECT WORK	IV	12			12	5
CO-PO Mapping											
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	L	M	M	L	S	L	M	S	S	S	
CO2	S	S	S	S	S	M	S	S	S	S	
CO3	S	S	S	S	S	S	S	S	M	M	
CO4	S	S	S	M	S	S	S	S	M	M	
CO5	M	M	M	S	S	M	M	S	L	S	
Level of Correlation between CO and PO	L-LOW				M-MEDIUM			S-STRONG			
Tutorial Schedule				-							
Teaching and Learning Methods				-							
Assessment Methods				<p align="center">EA - 100%</p> <p>1. Project Report - 150 Marks</p> <p>2. Viva-Voce - 50 Marks</p> <p>3. Total - 200 Marks</p>							
Designed By				Verified By				Approved By			
Dr. K. SAKTHIVEL				Dr. K. SAKTHIVEL				A. K. Ganesan			



M.Sc., Textile and Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M4PTFOE1	Textile & Fashion for Competitive Examination	Self study Online -Competitive Examination	IV	-	-	-	-	2
Objective	Creating the awareness on competitive examination among students. Imparting knowledge about the appearing for Competitive Examination and It impacts and developing an attitude of appearing for such exams.							

S.No	Course Content	Knowledge Levels	Sessions
1	<p>Competitive Exam Multiple Choice Questions must be taken from the following courses.</p> <p>Advanced Textile Science, Textiles and Apparel Quality Evaluation, Fashion Merchandising, Technical Textiles, Advanced Textile Processing, Textile Testing, Online Business, Sustainability in Textile & Fashion and Fashion Marketing.</p> <p>Major emphasis has been put forth to include recent developments in the subjects. This course aims to give a holistic view of all the topics which comprised of some factual text points, multiple choice questions (MCQ), it is extremely suitable for students pursuing their higher degree in University/institute for their entrance exams, students preparing for various national and state level competitive entrance exams such as JRF/SRF/UGC-NET/SET.</p>	K1-K6	
2	<p>Rules for creating MCQ pattern.</p> <p>Objective type online examination will be conducted at the end of 4th semester.</p> <p>Test Critical Thinking. Multiple choice questions to test the superficial knowledge. Learners to interpret facts, evaluate situations, explain cause and effect, make inferences, and predict results.</p> <p>Emphasize Higher-Level Thinking Use memory-plus application oriented questions. These questions require students to recall principles, rules or facts in a real life context.</p> <p>Mix up the order of the correct answers- Keep correct answers in random positions and don't let them fall into a pattern that can be detected</p> <p>Keep Option Lengths Similar Avoid making your correct answer the long or short answer</p> <p>Avoid the "All the Above" and "None of the Above" Options Students merely need to recognize two correct options to get the answer correct</p> <p>HOD's instruct to the faculty to prepare minimum 500 questions booklet (cumulatively for each programme) with solutions and circulate among the students.</p> <p>Each Department to prepare the Questions (MCQ pattern with four answers) and submit to ICT.</p>	K1-K6	

Course Outcome	CO1: Understand the recent terminologies in textile and fashion fields	K2
	CO2: Application of principles and techniques in textile and fashion field	K3
	CO3: Analysis of recent trends and innovation knowledge	K4
	CO4: Critical evolution of concepts	K5
	CO5: Creative thinking of problems and solutions	K6
Learning Resources		
Text Books	1. Textiles MCQ part 1: for competitive exams Kindle Edition 2. Textile Engineering Diploma Engineering MCQ Kindle Edition by Manoj Dole 3. Marketing Fashion, Second edition: Strategy, Branding and Promotion" by Harriet Posner	
Reference Books	1. Fabric for Fashion: The Swatch Book" by Clive Hallett and Amanda Johnston	
Website Link	1. http://gen.lib.rus.ec/ 2. https://nta.ac.in/Downloads	

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards												
Course Code	Course Title					Course Type	Sem	Hours	L	T	P	C
21M4PTFOE1	Textile & Fashion for Competitive Examination					Self study Online -Competitive Examination	IV	-	-	-	-	2
CO-PO Mapping												
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	S	S	S	S	S	M	S	M	S	S		
CO2	S	S	S	S	M	S	S	L	S	S		
CO3	M	S	L	S	S	M	S	S	M	S		
CO4	S	S	M	S	S	S	S	S	S	S		
CO5	S	S	S	S	M	S	S	S	M	S		
Level of Correlation between CO and PO			L-LOW			M-MEDIUM		S-STRONG				
Tutorial Schedule					NET/SET/ Old Question Papers –Solutions –Online Mock Test							
Teaching and Learning Methods					Self study, Group discussion , Audio-Video Learning, Learning Through Mock Test							
Assessment Methods					100 Multiple Choice Questions Through Computer Based Online Examinations Passing Minimum is 50%							
Designed By				Verified By				Approved By				
Mrs. S. PRIYA				Dr. K. SAKTHIVEL				A. K. S.				

S. Priya
12/1/23

Dr. K. Sakthivel
21.1.23



M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M1PTFE01	SUSTAINABILITY IN TEXTILE AND FASHION	DSE THEORY - I	I	4	4			4
Objective	To acquire knowledge in sustainable concepts and its importance in Textile and fashion industry.							
Unit	Course Contents	Knowledge Levels	Sessions					
I	Renewable Energy Introduction concepts and definitions- Renewable energy, non-renewable energy and sustainable development - Design's – Slow, Participatory, Open source, Biomimicry and Sustainable designs. Fast fashion, Passive Fashion, New Fashion Ethics and New Aesthetic Ethics	K1-K3	9					
II	Alternative Fibers Alternative fibers, Practice in Fiber & Fabric Processing, Spinning, Weaving and Knitting - Fabric Finishing, Bleaching, Dyeing, Printing and Specialist fabric finishing. Cut, Make and Trim.	K1-K2	9					
III	Reuse, Recycle and Reduce Reuse, Recycle and Reduce, Innovating to Reduce the Impact of Use Phase-Process, Product and Consumer Focus, Locally Made Globally Relevant, Distinctiveness, Durability, Appropriateness.	K4	9					
IV	Textiles and Fashion Industry Impacts Textiles and Fashion Industry Impacts, Life Cycle Analysis, techniques used in LCA, standard test method for textiles sustainability, eco labels.	K4	9					
V	The Consumer and Future Challenges The Consumer and Future Challenges - Future of Fabric: Healthy and sustainable - Reversing the Escalators of Consumption- Reform.	K4	9					
Course Outcome	CO1: Understand the renewable energy in textile and fashion industries.	K2	45					
	CO2: Understand about alternative fibers.	K2						
	CO3: Analyze the reuse, recycle and reduce techniques.	K4						
	CO4: Improve their ability to creative ideas in research and Development to make sustainable textiles.	K6						
	CO5: Analyze consumer needs and future challenges	K4						
Learning Resources								

Text Books	1. Kate Fletcher, Sustainable Fashion and Textiles, Published by Earthscan in the UK and USA in 2008, ISBN-13: 978-1-84407-463-1 Hardback ISBN-13: 978-1- 84407-481-5 Paperback.			
Reference Books	1. SUSTAINABLE TEXTILES, Antonela Curteza, www.2bfuntex.euMDT Sustainable Textiles. 2. https://books.google.co.in/books/about/Sustainability_in_the_Textile_and_Apparel			
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==			
	L-Lecture	T-Tutorial	P-Practical	C-Credit

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M1PTFE01	SUSTAINABILITY IN TEXTILE AND FASHION	DSE THEORY - I	I	4	4			4

CO-PO Mapping

CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	M	M	S	S	M	S
CO2	M	S	M	S	S	L	S	M	S	M
CO3	S	S	M	M	S	S	M	L	S	M
CO4	S	S	L	S	M	S	S	S	M	S
CO5	S	M	M	S	M	M	S	S	M	M

Level of Correlation between CO and PO

L-LOW

M-MEDIUM

S-STRONG

Tutorial Schedule

Group Discussion, Problem Solving, Quiz, Field Visit.

Teaching and Learning Methods

Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration.

Assessment Methods

Internal examination, Assignments, Attendance, Seminar, Unit test for CIA

End semester Examination for EA

Designed By

Verified By

Approved By

Dr. K. SAKTHIVEL

Dr. K. SAKTHIVEL

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M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards								
Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M2PTFE02	IMPORT EXPORT MANAGEMENT AND DOCUMENTATION	DSE THEORY - II	II	4	4			4
Objective	Educate knowledge on import export management and documentation							
Unit	Course Contents	Knowledge Levels			Sessions			
I	Import Export Management Introduction Import Export Management Introduction; Concept Key Feature; Foreign Trade - Institutional Framework and Basics; Trade Policy; Foreign Trade - Simplification of Document; Reduction in Document to Five for Custom Purpose – Exporting and Importing Counter Trade- Promise and Pitfall of Exporting; Improving Export Performance - Counter Trade	K1-K2			9			
II	Export Procedures Export Procedures - Preparation for exports: Registration of firms with authorities, PAN No., IE code, BIN No., EPC, Central Excise etc.,- Category of exports: Direct, indirect, third party exports.- Category of Exporters: Manufacturer exporter, merchant exporter, EOU/SEZ/ - Five types of Export Houses - Export benefits: Duty drawback, advance authorization scheme, duty free import authorization, duty exemption entitlement scheme, EPCG, duty entitlement pas book scheme, market development assistance - GSP and GSTP rules as per the FT policy	K1-K4			9			
III	Import Procedures Import Procedures – Import management, procurement planning, and project imports regn. - Identification, selection of suppliers - Purchase contract, terms of payments - Terms of Delivery Inco terms- Import policy ITC HS- Role of a customs house agent and freight forward agents- Type of customs duties, valuation rules- Complete documentation and procedures for import clearance at sea port- Customs clearance of imports by sea and air documents, procedures. etc. -Imports under various imports notification issued by customs.	K4			9			
IV	Export Assistance of India Export Assistance of India: Introduction, Importance of Export Assistance, Export Promotion Measure in India -Expansion of Production Base for Exports; Relaxation in Industrial Licensing Policy /MRT/ FER/ Foreign Collaborations; Liberal Import of Capital Goods; EPZ / EOU -Assured Supply of Raw-Material Imports -Eligibility for Export/ Trading/Star Trading/Super Star Trading Houses - Export Houses Status for Export of Services- Rendering Exports Price Competitive; Fiscal Incentives; Financial Incentives; Strengthening Export Marketing Effort.	K4			9			

V	Export documentation		
	Export documentation – Introduction and various types of export documents – Pre- shipment and Post-shipment documents – Pre-Shipment and Post-Shipment finance. Conditions in LC for stipulated documents legalization shipping consignment certificates. Export duty draw back – pass book – capital goods import license and assistance. Types of bill of ladings.	K3	9
Course Outcome	CO1: Understand about import export management	K2	45
	CO2: Analyze the concept of export procedure and documentation	K4	
	CO3: Analyze the concept of import procedure and documentation	K4	
	CO4: Analyze export assistance of India	K4	
	CO5: Apply export documentation procedures.	K3	
Learning Resources			
Text Books	<ol style="list-style-type: none"> 1. Export import procedures, C.Rama gopal, New Age International (P) Limited, Publishers New Delhi. 2. Foreign Trade – Theory, Procedures, Practices and Documentation, Dr. Khushpat S. Jain, Himalaya Publishing House Pvt. Ltd, New Delhi. 3. Electronic Commerce by N. Janardhan, Publisher: Indian Institute of Foreign Trade, New Delhi. 4. Nabhi's New Import Export Policy, Publisher: Nabhi Publication, New Delhi. 5. Export-What, Where, How by Ram Paras, Publisher: Anupam, Delhi. 6. Import Export Management, EILM University, Sikkim. 		
Reference Books	<ol style="list-style-type: none"> 1. EXPORT/IMPORTPROCEDURES and DOCUMENTATION, Thomas E. Johnson And Donna L. Bade, American Management Association, New York. 2. Export-Import Theory, Practices and Procedures, Belay Seyoum, PhD, SECOND EDITION, Routledge, New York. 3. Export Import Policy, Publisher: Ministry of Commerce, Government of India, New Delhi. 		
Website Link	<ol style="list-style-type: none"> 1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ== 		
	L-Lecture	T-Tutorial	P-Practical
			C-Credit

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M2PTFE02	IMPORT EXPORT MANAGEMENT AND DOCUMENTATION	DSE THEORY - II	II	4	4			4

CO-PO Mapping

CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	S	S	S	M	S	M	S	M	S
CO2	S	L	S	M	S	L	S	M	M	S
CO3	S	M	L	M	S	M	S	M	S	M
CO4	S	S	M	S	M	S	M	S	M	S
CO5	M	M	S	S	S	S	S	M	S	M

Level of Correlation between CO and PO

L-LOW

M-MEDIUM

S-STRONG

Tutorial Schedule

Group Discussion, Problem Solving, Quiz, Field Visit.

Teaching and Learning Methods

Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration.

Assessment Methods

Internal examination, Assignments, Attendance, Seminar, Unit test for CIA
End semester Examination for EA

Designed By

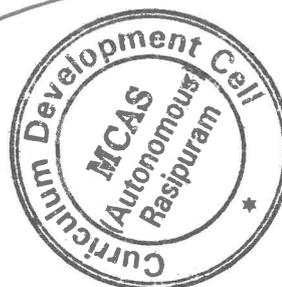
Verified By

Approved By

Dr. K. SAKTHIVEL

Dr. K. SAKTHIVEL

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M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards								
Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFE03	RESEARCH METHODOLOGY AND STATISTICS IN TEXTILES	DSE THEORY - III	III	4	4			4
Objective	To educate research methodology and statistics calculations for textile industries.							
Unit	Course Contents	Knowledge Levels			Sessions			
I	Research Research: Meaning, Types of research, Significance of research, Research process Literature Review: Effective literature studies approaches, analysis and research ethics. Research Problem Formulation: Meaning of research problem- Sources of research problem, criteria and characteristics of a good research problem, errors in selecting a research problem, scope and objectives of research problem.	K1-K3			12			
II	Variables Variables: What is Variable and types of variable? Define the terminologies: Control, Confounded relationship, Research Hypothesis, Experimental and Non-Experimental Hypothesis testing research, Experimental and Control groups, Treatments, Experiment, Experimental Units(s) Research Design: Methods of research design: Research design for exploratory research studies, Descriptive and diagnostic research studied, Hypothesis testing research studies. Principles and methods of experimental design. Design for sample surveys	K1-K3			12			
III	Selecting a Method for Data collection Selecting a Method for Data collection: Methods of Data Collection, Difference between Primary and Secondary data, Collection of data through primary sources: Observation, Interview, and Questionnaire. Collection of data through Secondary sources. Processing of Data: Editing, Coding and analysis. Displaying of Data: Methods of communicating and displaying analyzed data, Text, Tables, and Graphs.	K1-K3			12			
IV	Technical Writing /Presentation Technical Writing /Presentation: Types of research report: Dissertation and thesis, Research Paper, review paper, review article, short communication, conference presentation etc., Referencing and referencing styles, research journals, indexing, and citation of journals, intellectual property, plagiarism, Effective technical writing, how to write report, paper, developing a research proposal, format of research proposal, a presentation and assessment by a review committee.	K4			12			

V	Descriptive Statistics Descriptive Statistics: Percentage, Mean, Standard deviation, Standard error, Skewness, Kurtosis, Rank Correlation .Hypothesis Testing: Chi-Square test, Anova, t test (one sample, Independent, Paired), Correlation Analysis, Regression Analysis, (Linear, Multiple), Non-Parametric test: sign test, rank test, concordance test. Process Control and Capability Analysis: Control charts for variables and attributes - basis, development, and interpretation, sensitizing rules, average run length; process capability analysis			K4	12
	Course Outcome	CO1: Formulate research problem, carry out research analysis and follow research ethics.		K4	60
		CO2: Design the experiment, conduct statistical tests and analyze the results to arrive at the conclusions.		K4	
		CO3: Study the capability of process and control the process based on data available and Make decisions with minimum error from available data.		K1-K4	
		CO4: Apply the ethics of technical writing and presentation.		K3	
CO5: Analyze the rules of descriptive statistics.		K4			
Learning Resources					
Text Books	1. Leaf G.A.V., "Practical Statistics for the Textile Industry, Part I and II", The Textile Institute, Manchester, 1984,				
Reference Books	1. Ranjith Kumar, 2nd Edition, "Research Methodology: A Step by Step Guide for beginners" 2010 2. Montgomery D.C., "Introduction to Statistical Quality Control", John Wiley and Sons, Inc., Singapore,				
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==				
	L-Lecture	T-Tutorial	P-Practical	C-Credit	

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFE03	RESEARCH METHODOLOGY AND STATISTICS IN TEXTILES	DSE THEORY - III	III	4	4			4

CO-PO Mapping

CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	S	M	M	M	M	S	S	M
CO2	M	M	S	M	M	M	M	S	S	M
CO3	M	M	S	M	M	M	M	S	S	M
CO4	S	S	M	L	S	S	M	S	S	L
CO5	S	M	S	M	L	S	M	L	M	S

Level of Correlation between CO and PO

L-LOW

M-MEDIUM

S-STRONG

Tutorial Schedule

Teaching and Learning Methods

Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration

Assessment Methods

Internal examination, Assignments, Attendance, Seminar, Unit test for CIA

End semester Examination for EA

Designed By

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Approved By

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Dr. K. SAKTHIVEL

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M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFE04	ONLINE BUSINESS	DSE THEORY - IV	III	5	5			5
Objective	Understand the significant need of Online business at domestic and global level.							
Unit	Course Contents	Knowledge Levels	Sessions					
I	Overview of online business Introduction to Online Business, Success Stories of how entrepreneurs started online business, Benefits of online business, software required to create web pages.	K1-K2	12					
II	Website development Web Page Designing-Classification of websites, building website-steps in building a website, Website hosting –web hosting options. Content creation, delivery and management-Content management and maintenance.	K1-K3	12					
III	Keeping Business legal Copy rights, trademarks and other legal concerns, basic accounting practices, Online business models: Affiliate Programs, Online Advertising, Selling Products and Services.	K4	12					
IV	Handling payment Online Payment Solution-Anticipating your online customers purchasing needs-applying for credit card merchant status-finding short cuts to processing credit card data-providing shoppers with electronic purchasing system-delivering products and services.	K4	12					
V	Social Networking and Marketing Attracting customers and services-Word of mouth advertising, Social networking and other advertising, The future of online business: Building your Business for the Future.	K4	12					

Course Outcome	CO1: Understand and gain sound knowledge in creation of online business.	K1-K6	60	
	CO2: Apply knowledge in creating website, software and social media pages.	K3-K6		
	CO3: Analyze about successful branded entrepreneur in online business.	K4		
	CO4: Analyze about Payment handling methods.	K4		
	CO5: Analyze about social networking and marketing.	K4		
Learning Resources				
Text Books	<ol style="list-style-type: none"> 1. Kenneth C. Laudon E-Commerce: Business, Technology, Society, 4th Edition, Pearson. 2. Porter, M. E Strategy and the Internet, HBR March 2001. 3. Kamlesh N., Amit Lal and Decca Agarwala, A. Business on the Net: An Introduction to the What's and Hows of E -Commerce, Macmillan India Ltd. 			
Reference Books	<ol style="list-style-type: none"> 1. Liewyi, L.V.K. Online business made easy, Kindle edition, 2009. 2. Sons, G.H., John Wiley Starting an Online Business For Dummies, 14-Jun-2013. 3. The Business of E-Commerce – From Corporate Strategy to Technology, Cambridge University Press, 2000. 			
Website Link	<ol style="list-style-type: none"> 1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ== 			
	L-Lecture	T-Tutorial	P-Practical	C-Credit

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21M3PTFE04	ONLINE BUSINESS	DSC THEORY - IV	III	5	5			5

CO-PO Mapping

CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	S	M	S	S	M	S	S	S	S
CO2	S	S	S	M	S	L	S	M	S	M
CO3	S	M	L	S	M	M	M	M	M	M
CO4	S	S	S	S	S	M	S	S	S	S
CO5	S	M	M	L	M	S	M	M	M	M

Level of Correlation
between CO and PO

L-LOW

M-MEDIUM

S-STRONG

Tutorial Schedule

Teaching and Learning Methods

Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration

Assessment Methods

Internal examination, Assignments, Attendance, Seminar, Unit test for CIA

End semester Examination for EA

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Ms. S. GUNAVATHI

Dr. K. SAKTHIVEL

A. h. S. S.



M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21MXPTFE05	FASHION BUSINESS STARTUP	DSE THEORY - V	III	4	4			4
Objective	Impose business communication, theories and ethics in business & institutional support system for business startup business communication and ethics in business							
Unit	Course Contents	Knowledge Levels	Sessions					
I	<p>BUSINESS CONCEPT THEORIES</p> <p>Framework of Business Theories - Economic Theory, Sociological Theory, Psychological Theory and Resource-Based Theory. Framework of Business Model - Social Development Model, Competency Model, Emerging Models of Corporate Entrepreneurship. Classification of Business – Environmental Scanning, Need Assessment, Resource Assessment, Sources of Supply; Challenges of New Venture Strategies, Pitfalls in Selecting New Ventures, Critical factors for New Venture Development, Sources of Finance and Problems.</p>	K1-K2	8					
II	<p>BUSINESS OPPORTUNITY IDENTIFICATION</p> <p>Business Plan Preparation and Project Financing; Need and Relevance of Business Plan; Market Feasibility; Technical Feasibility; Financial Viability; Project Report Preparation. Identification of Business Opportunities in the Context of Tamil Nadu – Industrial Policy; Skill Development for Entrepreneurs; Business Incubation Centers; Start-up Policy Framework and Incentives</p>	K1-K4	8					
III	<p>BUSINESS IDENTITY</p> <p>Identity search: Crises, Exploration, Stress, Choice; Identity Formation - Preparation, Building New Identity; Identity Establishment - Management, Role Stress, Identity Integration, Linkage Building; Exercises - TAT, Analyzing Imagery, Risk Taking Styles, Goal Setting Behavior; Creativity and Business Idea - Methods of Idea Generation - Creative Problem Solving through business identity</p>	K1-K4	8					
IV	<p>SMALL BUSINESS MANAGEMENT</p> <p>Definition of Small Business, an overview of Small, Medium and Large Industries. Strategic Management: Vision, Mission and Objectives of small business, Environmental analysis - PEST Framework, Porter's 5 Forces Model, Internal Environment Analysis - SWOT Framework; Competitive Strategies – Cost Leadership, Differentiation & Focus; Value Chain Analysis. Technical and Financial Aspects of Small Business; Importance of Selection Process and Technologies; Balancing the Resources to Optimize Costs; Financial Statement Analysis; Strategizing - Expansion, Diversification, Modernization of small business.</p>	K1-K4	10					

V	<p>BUSINESS COMMUNICATION AND ETHICS IN BUSINESS & INSTITUTIONAL SUPPORT SYSTEM FOR BUSINESS STARTUP BUSINESS COMMUNICATION AND ETHICS IN BUSINESS</p> <p>Introduction to Communication in Organizations - Types, Process and Barriers of Communication; Professional Use of the Telephonic Interview, Group Discussion and Making Presentations. Effective Customer Care, Appropriate Mechanism for Handling Complaints, Negotiating with Customers, Business Etiquettes and Body Language. Business Ethics: An Overview; Ethical Decision-making – Why Ethical Issues and Problems occur in Workplace; Managing Ethical Behavior in Workplace; Professional Ethics Vs. Values and Moral in Workplace.</p> <p>Institutional Support System for Business Startup Sources of Finance for Short, Medium and Long Term; Venture Capital- Sources and Criteria, Financing Steps; External Resource Generation - Licensing, Franchising, Strategic Alliance, Joint Venture, Merger, Private Placements.</p>	K1-K4	11	
Course Outcome	CO1:Understand the business concept theories.	K2	45	
	CO2:Justify the business opportunity identification.	K5		
	CO3:Analyze the business identity.	K4		
	CO4:Analyze the small business management techniques.	K4		
	CO5:Justify institutional support system for business startup.	K5		
Learning Resources				
Text Books	"1. Jonathan Sutherland, Diane Canwell, Key Concepts in Business Practice, Palgrave (2014). 2. Macmillan publications. "			
Reference Books	1. Bygrave, W., & Zacharakis, A. Entrepreneurship, 4th Edition (3rd Edition is ok too) Wiley (2017). 2. Avraham Shtub, Michael Rich, Managing your startups new product development projects, World Scientific Publishing company limited (2019).			
Website Link	1. http://gen.lib.rus.ec/ 2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==			
	L-Lecture	T-Tutorial	P-Practical	C-Credit

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21MXPTFE05	FASHION BUSINESS STARTUP	DSE THEORY - V	III	4	4			4

CO-PO Mapping										
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	S	M	S	S	M	S	M	S	M
CO2	S	M	M	M	S	L	M	S	M	S
CO3	S	L	S	S	M	S	S	M	S	M
CO4	S	M	S	M	M	S	M	S	M	M
CO5	S	S	M	M	S	M	L	M	S	S

Level of Correlation between CO and PO	L-LOW	M-MEDIUM	S-STRONG
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Tutorial Schedule Group Discussion, Problem Solving, Quiz, Field Visit.

Teaching and Learning Methods Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration

Assessment Methods Internal examination, Assignments, Attendance, Seminar, Unit test for CIA
End semester Examination for EA

Designed By	Verified By	Approved By
Ms.S.GUNAVATHI	Dr. K. SAKTHIVEL	<i>[Signature]</i>

[Signature]

[Signature]



M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title							
21MXPTFE06	TEXTILE CHEMISTRY	Course Type	Sem	Hours	L	T	P	C
Objective	Gain knowledge on textile auxiliaries and understand the dyeing chemistry of natural & manmade fibres.							
Unit	Course Contents	Knowledge Levels			Sessions			
I	<p>Chemistry of Textile Auxiliaries</p> <p>Nomenclature functions and classification of textile auxiliaries, Surfactants their chemistry and applications. Surface activity, Chemistry, Properties & uses of anionic, Cationic, Non-ionic surfactants. Qualitative and quantitative evaluation of auxiliaries; Testing of surfactants, Biodegradability of surfactants, Recent developments in textile auxiliaries.</p>	K1-K4			9			
II	<p>Chemistry of Natural & Manmade Fibres</p> <p>Properties and uses, Morphology and chemical constitution, Action of various chemicals, micro-organisms, heat, radiations, and their occurrence of natural fibres such as cotton, organic cotton, wool, silk, ramie, jute, linen, pineapple, natural bamboo fibers etc. Regenerated fibres such as viscose, cuprammonium, acetate, Tencel, etc. Synthetic fibres such as polyester, and differentially dyeable polyester, polyamides, acrylic, polypropylene, polyvinyl alcohol, polyurethane. Microfibres. Concept of LOY, MOY, POY and FOY</p>	K1-K2			9			
III	<p>Dyeing Chemistry of Natural & Manmade Fibres</p> <p>"Classification of colouring matters according to their application to the textile fibres. Physical and chemical structures of fibres and dyes in relation to dyeing. Interaction between dye molecules and the fibres. Dyeing of different dyestuffs onto various natural textile fibres. Rapid dyeing concept. Dye-fibre bonds and parameters affecting them. Dyeing of different dyestuffs onto various synthetic textile fibres such as; polyester, nylon, polyacrylic etc.</p>	K3			9			
IV	<p>Printing</p> <p>Printing: Preparation of hosiery cloth for printing – Tubular and slit open forms, Khadi printing, Pearl printing, Glitter and Metallic printing, Flock printing by electrostatic method. Working of Garment printing machine. Digital Inkjet printing – Advantages and Limitations. Capsule printing, Crimp and Crepon style of printing.</p>	K3			9			
V	<p>Pollution & ETP</p> <p>Pollution –Types- Land, Water, Air and Noise Pollution –Causes and remedies related to textile industry. Effluent treatment – methods – color removal- Bio – degradation. ETP plant, Need for Eco-friendly Textile Processing.</p>	K2-K4			9			

Course Outcome	CO1:Analyze the chemistry of textile auxiliaries.	K4	45
	CO2:Understand the chemistry of natural & manmade fibres.	K1	
	CO3:Evaluate the dyeing chemistry of natural & manmade fibres.	K5	
	CO4:Apply the various printing Techniques.	K3	
	CO5:Understand and analyze the pollutions in wet processing industries.	K2-K4	

Learning Resources

Text Books	<p>"1. Colourants and Auxiliaries: Organic Chemistry and Application Properties, Shore, J., SDC,Bradford, 1990." " Laundry Detergents, Smulders, E., Wiley VCH, Weinheim, 2002.</p> <p>2. Textile Auxiliaries, Batty, J.W., Dergamon Press, Oxford, 1967.</p> <p>3. Textile Chemicals and Auxiliaries, Speel H.C., Reinhold Processing Corporation, New York,1952.</p> <p>4. Textile Fibres, Shenai V.A., Vol-1, Sevak Publications, Bombay, 3rd edition, 1991.</p> <p>5. Microscopy of Textile Fibres, Greaves, P.H., Saville B.P.Oxford : BIOS Scientific Publishers Ltd., 1995." "</p> <p>6. Handbook of Fibre Chemistry, Lewin Menachem, Eli M. Pearce, Marcel Dekker Inc., New York, 2nd edition,1998." "</p> <p>7. Textile Chemistry, Peters R.H, Vol-1, Elsevier Publishing Company, London, 1963.</p> <p>"</p>			
Reference Books	<p>"1. Theory of Coloration of Textiles, Johnson A.s, SDC Publ., Bradford, 2nd edition, 1989.</p> <p>2. "K. B. Krishna kumar Pollution in Textile Industry, SSM ITT Staff & students Co-operative stores Ltd.</p> <p>3. Chemistry and Textile Auxiliaries, Shenai V.A., Vol. 65, Sevak Publication, Bombay, 2nd edition, 2002." "</p>			
Website Link	<p>1. http://gen.lib.rus.ec/</p> <p>2. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U70Z/CQ==</p>			
	L-Lecture	T-Tutorial	P-Practical	C-Credit

M. Sc-Textile & Fashion Designing Syllabus LOCF-CBCS with effect from 2021-2022 Onwards

Course Code	Course Title	Course Type	Sem	Hours	L	T	P	C
21MXPTFE06	TEXTILE CHEMISTRY	DSE THEORY - VI	III	4	4			4

CO-PO Mapping

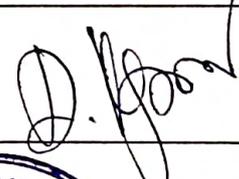
CO Number	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	M	S	M	S	M	S	M
CO2	M	S	S	M	M	S	L	S	S	S
CO3	S	M	M	S	S	M	L	M	M	S
CO4	M	S	M	S	M	S	S	L	S	M
CO5	S	M	S	M	M	S	M	M	M	S

Level of Correlation between CO and PO	L-LOW	M-MEDIUM	S-STRONG
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Tutorial Schedule	Group Discussion, Problem Solving, Quiz, Field Visit.
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Teaching and Learning Methods	Lecturing, Power Point Projection through LCD, Demonstration, Video Presentation, Live Demonstration
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Assessment Methods	Internal examination, Assignments, Attendance, Seminar, Unit test for CIA End semester Examination for EA
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Designed By	Verified By	Approved By
Mrs.P.SASIKALA	Dr. K. SAKTHIVEL	<i>Par</i> 

P. Sashik

Dr. K. Sakthivel

