V.V.VANNIAPERUMAL COLLEGE FOR WOMEN

(Belonging to Virudhunagar Hindu Nadars)
An Autonomous Institution Affiliated to Madurai Kamaraj University, Madurai
Reaccredited with 'A++' Grade (4th Cycle) by NAAC

VIRUDHUNAGAR

Quality Education with Wisdom and Values

OUTCOME BASED EDUCATION WITH CHOICE BASED CREDIT SYSTEM REGULATIONS AND SYLLABUS
(with effect from Academic Year 2025 - 2026)

V.V.Vanniaperumal College for Women, Virudhunagar, established in 1962, offers 13 UG Programmes (Aided), 13 UG Programmes (SF), 13 PG Programmes and 6 Ph.D. Programmes. The curricula for all these Programmes, except Ph.D. Programmes, have been framed as per the guidelines given by the University Grants Commission (UGC) &Tamil Nadu State Council for Higher Education (TANSCHE) under Choice Based Credit System (CBCS) and the guidelines for Outcome Based Education (OBE).

The Departments of Commerce, English, History, Mathematics, Biochemistry and Tamil upgraded as Research Centres offer Ph.D. Programmes as per the norms and regulations of Madurai Kamaraj University, Madurai and do not come under the purview of CBCS.

A. CHOICE BASED CREDIT SYSTEM (CBCS)

The CBCS provides an opportunity for the students to choose Courses from the prescribed Courses. The CBCS is followed as per the guidelines formulated by the UGC. The performance of students is evaluated based on the uniform grading system. Computation of the Cumulative Grade Point Average (CGPA) is made to ensure uniformity in evaluation system.

List of Programmes in which CBCS/Elective Course System is implemented

UG PROGRAMMES

Arts & Humanities	:	History (E.M. & T.M.), English, Tamil
Physical & Life Sciences	:	Mathematics, Zoology, Chemistry, Physics, Biochemistry, Home Science - Nutrition and Dietetics, Costume Design and Fashion, Microbiology, Biotechnology, Computer Science, Information Technology, Data Science, Computer Applications and Computer Applications - Graphic Design
Commerce & Management	:	Commerce, Commerce (Computer Applications), Commerce (Professional Accounting), Business Administration

PG PROGRAMMES

Arts & Humanities	:	History, English, Tamil
Physical & Life Sciences	:	Mathematics, Physics, Chemistry, Biochemistry, Home Science - Nutrition and Dietetics Biotechnology, Computer Science and Computer Applications (MCA) *
Commerce & Management	:	Commerce, Business Administration (MBA) *
		* AICTE approved Programmes

OUTLINE OF CHOICE BASED CREDIT SYSTEM – UG

1. Core Courses
2. Elective Courses
   - Generic Elective Courses
   - Discipline Specific Elective Courses (DSEC)
   - Non Major Elective Courses (NMEC)
3. Skill Enhancement Courses (SEC)
4. Environmental Studies (EVS)
5. Value Education
6. Self Study Courses (Online)
7. Extra Credit Courses (Self Study Courses) (Optional)

List of Non Major Elective Courses (NME)
(2024-2025 onwards)

UG PROGRAMMES

Name of the Course	Course Code	Semester	Department
Introduction to Tourism	24UHIN11	I	History (E.M)
Indian Constitution	24UHIN21	II	
சுற்றுலா ஓர் அறிமுகம்	24UHIN11	I	History (T.M)
இந்திய அரசியலமைப்பு	24UHIN21	II	
Popular Literature and Culture	24UENN11	I	English
Philosophy for Literature	24UENN21	II	
அடிப்படைத் தமிழ் இலக்கணம் – I எழுத்தறிதல்/ பேச்சுக்கலைத்திறன்	24UBTN11/ 24UTAN11	I	Tamil
அடிப்படைத்தமிழ் – மொழித் திறனறிதல் / பயன்முறைத் தமிழ்	24UBTN21/ 24UTAN21	II	
Basic Hindi - I	24UBHN11	I	Hindi
Basic Hindi - II	24UBHN21	II	

Course	Code	Semester	Department
Everyday Banking/ Practical Banking	24UCON11N/ 24UCON11	I	Commerce (Aided)
Basic Accounting Principles	24UCON21	II	
Everyday Banking	24UCON11N	I	Commerce (Self)
Emotional Intelligence	24UCON21N	II	
Everyday Banking/Self- Employment and Startup Business	24UCON11N/ 24UCCN11	I	Commerce C.A.(Self)
Fundamentals of Marketing	24UCCN21	II	
Everyday Banking/ Practical Banking	24UCPN11N/ 24UCPN12N	I	Commerce Professional Accounting
Basic Accounting Principles	24UCPN21N	II	
Basics of Event Management	24UBAN11	I	Business Administration
Managerial Skill Development	24UBAN21	II	
Quantitative Aptitude -I	24UMTN11	I	Mathematics
Quantitative Aptitude - II	24UMTN21	II	
Physics for EveryDay Life	24UPHN11	I	Physics
Astrophysics	24UPHN21	II	
Food Chemistry	24UCHN11	I	Chemistry
Dairy Chemistry	24UCHN21	II	
Ornamental fish farming and Management	24UZYN11	I	Zoology
Biocomposting for Entrepreneurship	24UZYN21	II	
Foundations of Baking and Confectionery	24UHSN11	I	Home Science – Nutrition and Dietetics
Women's Health and Wellness	24UHSN21	II	
Nutrition and Health	24UBCN11	I	Biochemistry
Life Style Diseases	24UBCN21	II	
Social and Preventive Medicine	24UMBN11	I	Microbiology
Nutrition and Health Hygiene	24UMBN21	II	
Herbal Medicine	24UBON11	I	Biotechnology
Organic Farming and Health Management	24UBON21	II	
Basics of Fashion	24UCFN11	I	Costume Design And Fashion
Interior Designing	24UCFN21	II	
Introduction to HTML	24UCSN11N	I	Computer Science
Office Automation	24UCSN21N	II	
Basics of Internet	24UITN11N	I	Information Technology
Data Analysis using Spreadsheet	24UITN21N	II	
Fundamentals of Information Technology	24UDSN11	I	Data Science

Computer Fundamentals	24UDSN21	II	
Web Designing	24UCAN11N	I	B.C.A.
Fundamentals of Computers	24UCAN21N	II	
Organic Farming	24UBYN11	I	Botany
Nursery and Landscaping	24UBYN12	I	
Mushroom Cultivation	24UBYN21	II	Botany
Medicinal Botany	24UBYN22	II	
Library and Information Science - I	24ULSN11	I	Library Science
Library and Information Science - II	24ULSN21	II	
Cadet Corps for Career Development I	24UNCN11	I	National Cadet Corps
Cadet Corps for Career Development II	24UNCN21	II	

B. OUTCOME BASED EDUCATION (OBE) FRAMEWORK

The core philosophy of Outcome Based Education rests in employing a student - centric learning approach to measure the performance of students, based on a set of pre-determined outcomes. The significant advantage of OBE is that it enables a revamp of the curriculum based on the learning outcomes, upgrade of academic resources, quality enhancement in research and integration of technology in the teaching–learning process. It also helps in bringing clarity among students as to what is expected of them after completion of the Programme in general and the Course in particular. The OBE directs the teachers to channelise their teaching methodologies and evaluation strategies to attain the Programme Educational Objectives (PEOs) and fulfill the Vision and Mission of the Institution.

Vision of the Institution

The founding vision of the Institution is to impart Quality Education to the rural women folk and to empower them with knowledge and leadership quality.

Mission of the Institution

The mission of the Institution is to impart liberal education committed to quality and excellence. Its quest is to mould learners into globally competent individuals instilling in them life-oriented skills, personal integrity, leadership qualities and service mindedness.

B.1 Programme Educational Objectives, Programme Outcomes and Programme Specific Outcomes

It is imperative for the institution to set the Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Course Outcomes (COs), consistent with its Vision and Mission statements. The PEOs and the POs should be driven by the mission of the institution and should provide distinctive paths to achieve the stated goals. The PEOs for each Programme have to fulfill the Vision and Mission of the Department offering the Programme.

Vision

To sculpt the young minds with a sense of imaginative and creative thinking and to empower them with technical and professional skills to suit the needs of the industry and community.

Mission

To impart knowledge in various dimensions in the field of Fashion, Textile and Apparel Design, mould them into successful professionals and entrepreneurs in Fashion world and to nurture their social skills and moral values for becoming better citizens.

B.1.1 Programme Educational Objectives (PEOs)

PEOs are broad statements that describe the career and professional achievements that the programme is preparing the graduates to achieve within the first few years after graduation. PEOs are framed for each programme and should be consistent with the mission of the Institution.

Programme Educational Objectives (PEOs) of B.Sc. Costume Design and Fashion Programme

The students will be able to

➢ upgrade their knowledge of fashion by creating designs based on traditional patterns and current trends using modern tools and technology.

➢ hold different designations like Technical designer, Apparel production manager, Quality controller and Merchandiser in apparel industry and to become successful entrepreneurs in the field of costume and fashion design.

➢ engage in lifelong learning and work with moral commitment, social responsibility, eco consciousness and humane concern for fellow citizens.

Key Components of the Mission Statement	PEO1	PEO2	PEO3
Impart knowledge in various dimensions of Fashion, Textile and Apparel design	√	√	√
Mould them into Successful professionals and entrepreneurs in Fashion world	√	√	√
Nurture their social skills and moral values for becoming better citizens	-	√	√

B.1.2 Programme Outcomes (POs)

POs shall be based on Graduate Attributes (GAs) of the programme. The GAs are the attributes expected of a graduate from a programme in terms of knowledge, skills, attitude and values. The Graduate Attributes include Disciplinary Knowledge, Communication Skills, Critical Thinking, Problem Solving, Analytical Reasoning, Research Related Skills, Co-operation/ Team Work, Scientific Reasoning, Reflective Thinking, Information/ Digital Literacy, Multicultural Competence, Moral and Ethical Awareness/ Reasoning, Leadership Qualities and Lifelong Learning.

On successful completion of the Programme, the students will be able to

1 apply effectively the acquired knowledge and skill in the field of Arts, Physical Science, Life Science, Computer Science, Commerce and Management for higher studies and employment. (*Disciplinary Knowledge*)

2 articulate innovative thoughts and ideas proficiently in both in spoken and written forms. (*Communication Skills)*

3 identify, formulate and solve problems in real life situations scientifically / systematically by adapting updated skills in using modern tools and techniques. (*Scientific Reasoning and Problem Solving)*

4 critically analyse, synthesize and evaluate data, theories and ideas to provide valid suggestions through assignments, case studies, Internship and projects for the fullfillment of the local, national and global developmental needs. (*Critical Thinking and Analytical Reasoning)*

5 use ICT in a variety of self-directed lifelong learning activities to face career challenges in the changing environment. (*Digital Literacy, Self - directed and Lifelong Learning)*

6   self-manage and function efficiently as a member or a leader in diverse teams in a multicultural society for nation building. (*Co-operation/Team Work and Multicultural Competence*)

7   uphold the imbibed ethical and moral values in personal, professional and social life for sustainable environment. (*Moral and Ethical Awareness*)

B.1.3 Programme Specific Outcomes (PSOs)

Based on the Programme Outcomes, Programme Specific Outcomes are framed for each UG Programme**.** Programme Specific Outcomes denote what the students would be able to do at the time of graduation. They are Programme-specific and it is mandatory that each PO should be mapped to the respective PSO.

On completion of B.Sc. Costume Design and Fashion Programme, the students will be able to

PO1 – Disciplinary Knowledge

    PSO1.a: apply professional knowledge and technical skills in the field of fashion, textiles and apparels, to pursue higher education or to start a new venture.

    PSO1.b: apply the principles in textiles and fashion to design fashionable garments and merchandise its functional aspects in fashion market.

PO2 - Communication Skills

    PSO 2.a: communicate effectively the concepts related to all fields in textile, fashion and apparel in the form of written reports and oral presentations to the industry and society for better placement.

    PSO2.b: communicate effectively with society and design unique collections with suitable textiles in the business scenario.

PO3 - Scientific Reasoning and Problem Solving

    PSO3: identify the current issues in fashion, apparel and textile domain and provide feasible solutions through research activity focusing on the need of the industry and society.

PO4 – Critical thinking and Analytical Reasoning

    PSO4.a: make use of appropriate skills acquired in apparel designing, draping, Pattern making, grading and constructing for various model apparels with good fit for different age groups.

    PSO 4.b: introduce new trends by merging new ideas and innovative models in traditional patterns of textiles, embroideries, costumes and accessories to suit the tastes and preferences of the community.

PO5 - Digital Literacy, Self-directed and Lifelong learning

PSO5: employ the ICT tools in developing the fashion world and engage in

ifelong learning in their area of interest.

PO6 – Cooperation /Team Work and Multi-Cultural Competence

PSO6: use their potentialities and life oriented skills to work in teams and also

become successful entrepreneurs.

PO7 - Moral and Ethical awareness

PSO7: uphold and extend their moral values and ethics to the workplace and to

the society forth sustainable environment.

PO-PEO Mapping Matrix

Attainment of PEOs can be measured by a PO-PEO matrix. PEOs should evolve through constant feedback from alumnae, students, industry, management, *etc*. It is mandatory that each PEO should be mapped to at least one of the POs

PEOs POs/PSOs	PEO1	PEO2	PEO3
PO1/PSO1.a	-	✓	✓
PO1/PSO1.b	✓	✓	✓
PO2/PSO2.a	✓	✓	-
PO2/PSO2.b	✓	✓	-
PO3/PSO3	-	✓	✓
PO4/PSO4.a	-	✓	✓
PO4/PSO4.b	✓	✓	-
PO5/PSO5	✓	✓	-
PO6/PSO6	-	✓	✓
PO7/PSO7	-	-	✓

B.1.4 Course Outcomes (COs)

Course Outcomes are narrow statements restricted to the Course contents given in five units. Course Outcomes describe what students would be capable of, after learning the contents of the Course. They reflect the level of knowledge gained, skills acquired and attributes developed by the students after learning of Course contents. COs are measurable, attainable and manageable in number. COs contribute to attain POs in such a way that each CO addresses at least one of the POs and also each PO is reasonably addressed by adequate number of COs.
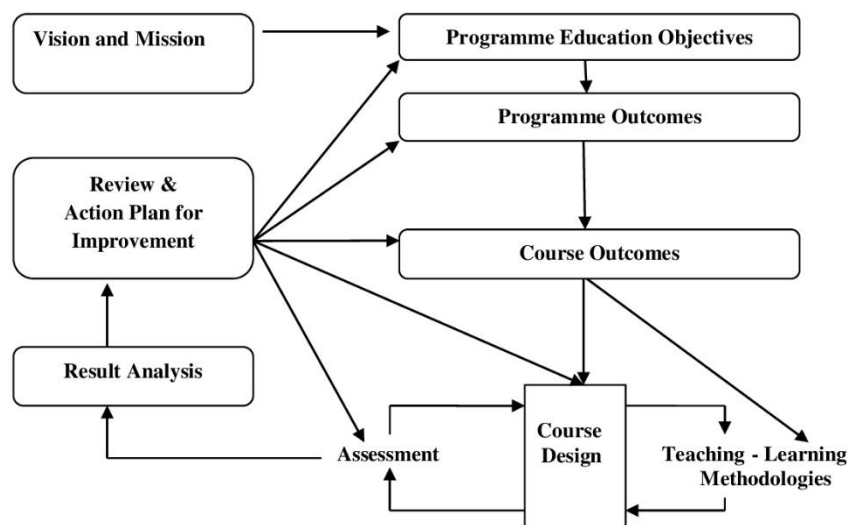
It is important to determine the methods of assessment. A comprehensive assessment strategy may be outlined using the revised Bloom's Taxonomy levels.

BLOOM'S TAXONOMY
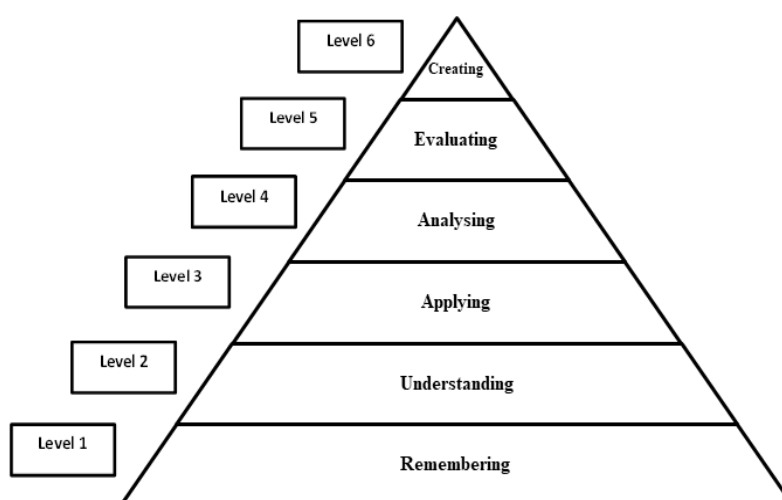
CO – PO Mapping of Courses

After framing the CO statements, the COs framed for each Course is mapped with POs based on the relationship that exists between them. The COs which are not related to any of the POs is indicated with (-), signifying Nil. Measurement Mapping is based on Four Points Scale [High (H), Medium (M), Low (L) and Nil (-)]. For calculating weighted percentage of contribution of each Course in the attainment of the respective POs, the weights assigned for H, M and L are 3, 2 and 1 respectively.

CO-PO/PSO Mapping Table (Course Articulation Matrix)

PO/PSOs COs	PO1/ PSO1	PO2/ PSO2	PO3/ PSO3	PO4/ PSO4	PO5/ PSO5	PO6/ PSO6	PO7/ PSO7
CO1							
CO2							
CO3							
CO4							
CO5							

ELIGIBILITY FOR ADMISSION

Candidates should have passed the Higher Secondary Examination conducted by Board of Higher Secondary Education, Government of Tamil Nadu/any other Examination accepted by the Academic Council with+2 Academic/Vocational stream.

DURATION OF THE PROGRAMME

The candidates shall undergo the prescribed Programme of study for a period of three academic years (six semesters).

MEDIUM OF INSTRUCTION

English

COURSES OFFERED

Part I	:	Tamil/Hindi Course
Part II	:	English
Part III	:	Core Courses
		Elective Courses - Generic Elective Courses - Discipline Specific Elective Courses
		Self Study Course - online

Part IV	:	Skill Enhancement Courses (SEC)
		Elective Course (NMEC)
		Environmental Studies
		Value Education
		Internship/Industrial Training
		Self Study Course - online
Part V	:	National Service Scheme/ Physical Education/ Youth Red Cross Society/ Red Ribbon Club/ Science Forum/ Eco Club/ Library and Information Science/ Consumer Club/ Health and Fitness Club/ National Cadet Corps/ Rotaract Club

B.2 EVALUATION SCHEME

B.2.1.PART II

Components	Internal Assessment Marks	Summative Examination Marks	Total Marks
Theory	15	60	100
Practical	5	15	
Assignment	5	-	

Three Periodic Tests - Average of the best two will be considered

B.2.2.Part I & PART III - Core Courses, Elective Courses (Generic, DSEC)

Components	Internal Assessment Marks	External Examination Marks	Total Marks
Theory	25	75	**100**

INTERNAL ASSESSMENT

Distribution of Marks

Theory

Mode of Evaluation			Marks
Periodic Test		:	15
Assignment	K3 Level	:	5
Quiz	K1 Level	:	5
Total		**:**	**25**

Three Periodic Tests - Average of the best two will be considered

Two Assignments   - Better of the two will be considered

Three Quiz Tests   - Best of the three will be considered

Practical

Mode of Evaluation		Marks
Practical Test*	:	30
Record & Performance	:	10
Total	**:**	**40**

*Average of the two practical tests will be considered

Question Pattern for Internal Tests   **Duration: 2 Hours**

Section	Q.No.	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A	1 - 4	Multiple Choice	4	4	1	4
B	5 -6	Internal Choice - Either … or Type	3	3	7	21
C	8 -9	Internal Choice - Either… or Type	2	2	10	20
					Total	**45***

*The total marks obtained in the Periodic Test will be calculated for 15 marks

SUMMATIVE EXAMINATION

Question Pattern   **Duration: 3 Hours**

Section	Q. No.	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A	1 -10	Multiple Choice	10	10	1	10
B	11 - 15	Internal Choice – Either …or Type	5	5	7	35
C	16 - 18	Internal Choice – Either… or Type	3	3	10	30
					Total	**75**

PROJECT

Assessment by Internal Examiner Only
Internal Assessment
Distribution of Marks

Mode of Evaluation	:	Marks
Project work and Report	:	60
Presentation and Viva –Voce	:	40
Total	**:**	**100**

B.2.3 PART IV - Skill Enhancement Courses, Non Major Elective Courses and Foundation Course

B.2.3.1 FOUNDATATION COURSE

INTERNAL ASSESSMENT
Distribution of Marks
Theory

Mode of Evaluation			Marks
Periodic Test		:	15
Assignment	K2 Level	:	5
Quiz	K1 Level	:	5
Total		**:**	**25**

Three Periodic Tests   - Average of the best two will be considered

Two Assignments   - Better of the two will be considered

Three Quiz Tests   - Best of the three will be considered

Question Pattern for Periodic Tests   **Duration: 1 Hour**

Section	Q.No.	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A	1 - 3	Internal Choice - Either …or Type	3	3	5	15
B	4	Internal Choice – Either …or Type	1	1	10	10
	Total					**25***

*The total marks obtained in the Periodic Test will be calculated for 15 marks

SUMMATIVE EXAMINATION

Mode of Evaluation		Marks
Summative Examination	:	50
Online Quiz (Multiple Choice Questions - K2 Level)	:	25
Total	**:**	**75**

Question Pattern   **Duration: 2 Hours**

Section	Q.No.	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A	1 - 5	Internal Choice - Either … or Type	5	5	6	30
B	6 - 7	Internal Choice – Either… or Type	2	2	10	20
		Total				**50**

B.2.3.2 Skill Enhancement Course - Entrepreneurial skills

INTERNAL ASSESSMENT ONLY
Distribution of Marks

Mode of Evaluation		Marks
Periodic Test	:	15
Assignment	:	5
Quiz	:	5
Model Examinations	:	60
Online Quiz (Multiple Choice Questions - K2 Level)	:	15
Total	**:**	**100**

Question Pattern for Periodic Tests   **Duration: 1 Hour**

Section	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A Q. No.(1- 3)	Internal Choice – Either Or Type	3	3	6	18
B Q. No.(4)	Internal Choice – Either Or Type	1	1	12	12
Total					**30**

*The total marks obtained in the Periodic Test will be calculated for 15 marks

Two Periodic Tests - Better of the two will be considered

Two Assignments   - Better of the two will be considered

Two Quiz Tests   - Better of the two will be considered

Question Pattern for Model Examination   **Duration: 2 Hours**

Section	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A Q. No.(1-5)	Internal Choice – Either Or Type	5	5	6	30
B Q. No.(6- 8)	Internal Choice – Either Or Type	3	3	10	30
Total					**60**

B.2.3.3 Skill Enhancement Courses/ Non Major Elective Courses

INTERNAL ASSESSMENT

Distribution of Marks

Theory

Mode of Evaluation			Marks
Periodic Test		:	15
Assignment	K3 Level	:	5
Quiz	K2 Level	:	5
Total		**:**	**25**

Three Periodic Tests - Average of the best two will be considered

Two Assignments   - Better of the two will be considered

Three Quiz Tests   - Best of the three will be considered

Question Pattern for Periodic Tests   **Duration: 1 Hour**

Section	Q.No.	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A	1 - 3	Internal Choice - Either …or Type	3	3	5	15
B	4	Internal Choice – Either …or Type	1	1	10	10
			Total			**25***

*The total marks obtained in the Periodic Test will be calculated for 15 marks

SUMMATIVE EXAMINATION

Mode of Evaluation		Marks
Summative Examination	:	50
Online Quiz (Multiple Choice Questions - K2 Level)	:	25
Total	**:**	**75**

Question Pattern   **Duration: 2 Hours**

Section	Q.No.	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A	1 - 5	Internal Choice - Either … or Type	5	5	6	30
B	6 - 7	Internal Choice – Either… or Type	2	2	10	20
		Total				**50**

B.2.4 PART IV- ENVIRONMENTAL STUDIES / VALUE EDUCATION

INTERNAL ASSESSMENT ONLY
Evaluation Pattern

Mode of Evaluation		Marks
Periodic Test	:	15
Assignment (Based on the Listed activities) - K3 Level	:	10
Online Quiz (Multiple Choice Questions - K2 Level)	:	25
Poster Presentation - K3 Level		10
Report on Student's Awareness creation on Environmental Protection / Ethical Values -- K3 Level		10
Model Examination	:	30
Total	**:**	**100**

Three Assignment   - Best of the three will be considered

Question Pattern for Periodic Tests   **Duration: 1 Hour**

Section	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A Q. No.(1- 3)	Internal Choice – Either Or Type	3	3	6	18
B Q. No.(4)	Internal Choice – Either Or Type	1	1	12	12
Total					**30**

 Two Periodic tests   - Better of the two will be considered
*The total marks obtained in the Periodic Test will be calculated for 15 marks

Question Pattern for Model Examination   **Duration: 2 ½ Hours**

Section	Q.No.	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A	1 - 5	Internal Choice - Either … or Type	5	5	6	30
B	6 - 8	Internal Choice – Either… or Type	3	3	10	30
		Total				**60***

*The total marks obtained in the Model Examination will be calculated for 30 marks

B. 2. 5 PART IV- Internship / Industrial Training

Internship / Industrial Training is mandatory for all the Students

- **Internship:** Students have to involve in a designated activity, working in an organization under the guidance of an identified mentor for a period of 15 days.

- **Industrial Training:** Student has to undertake in-plant training in industries individually or in group for a period of 15 days.

- Internship / Industrial Training must be done during the fourth semester holidays

- **Internal Assessment only.**

Mode of Evaluation		Marks
Onsite Learning/Survey	:	50
Report	:	25
Viva-Voce	:	25
Total		**100**

B.2.5 SELF STUDY COURSE

B.2.5.1 PART III – Discipline Specific Quiz – Online

- Assessment by Internal Examiner only
- Question Bank is prepared by the Faculty Members of the Departments for

  all the Core and Elective Courses offered in all the Semesters.

- No. of Questions to be taken 700.

- Multiple Choice Question pattern is followed.

- Online Test will be conducted in VI Semester for 100 Marks.

- Model Examination is conducted after two periodic tests.

Distribution of Marks

Mode of Evaluation		Marks
Periodic Test	:	25
Model Examination	:	75
Total	**:**	**100**

Two Periodic Tests - Better of the two will be considered

B.2.5.2 PART IV - Practice for Competitive Examinations – Online

- Assessment by Internal Examiner only
- Question Bank prepared by the Faculty Members of the respective Departments

  will be followed.
- Multiple Choice Question pattern is followed.

- Online Test will be conducted in V Semester for 100 Marks.

- Model Examination is conducted after two periodic tests.

Subject wise Allotment of Marks

Subject		Marks
Tamil	:	10
English	:	10
History	:	10
Mathematics	:	10
Current affairs	:	10
Commerce, Law & Economics	:	10
Physical Sciences	:	10
Life Sciences	:	15
Computer Science	:	5
Food and Nutrition	:	5
Sports and Games	:	5
Total	**:**	**100**

Distribution of Marks

Mode of Evaluation		Marks
Periodic Test	:	25
Model Examination	:	75
Total	**:**	**100**

Two Periodic Tests - Better of the two will be considered

B.2.6. Part V – Extension Activities

INTERNAL ASSESSMENT ONLY

Distribution of Marks

Mode of Evaluation		Marks
Attendance	:	5
Performance	:	10
Report/Assignment/Project/Camp/Practical	:	10
Total	**:**	**25***

*The marks obtained will be calculated for 100 marks

B.2.7 Transfer of credits earned through MOOC (UGC recognized Courses)

> ➢ Students can opt for minimum of
>> • 12 weeks Courses for Core Courses
>> • 8 weeks Courses for Elective Courses
>> • 4 weeks Courses for Skill Enhancement Course

- The Online Courses opted by the students will be verified and approved by the Head of the Department and forwarded to the Controller of Examinations through the Principal.

- Students are required to register for the equivalent Online Courses through the Institution's SWAYAM-NPTEL Local Chapter after submitting a Permission letter to the Head of the Department.

- The Course should be completed before the beginning of that particular Semester in which the selected Course is offered.

- The student should submit the Course Completion Certificate immediately after receiving it, to the Department.

- The Head of the Department has to send the list of the students and their Course Completion Certificates to the Controller of Examinations through the Principal.

- The students who have submitted the Completion Certificate are exempted from appearing the Periodic Tests and Summative Examinations of the respective course but without any exemption for class attendance.

- Credits allotted for the particular Course in the Curriculum will be transferred after the completion of the Online Course

- Students can earn up to 10 credits within the mandatory credits requirements of the Degree Programme by completing UGC recognised Online Courses.

B.2.8 EXTRA CREDIT COURSES (OPTIONAL)

2.8.1 Extra Credit Course offered by the Department.

Assessment by Internal Examiner Only (To be conducted along with the III Periodic Test)

Distribution of Marks

Mode of Evaluation		Marks
Quiz (Multiple Choice Questions)	:	25
Model Examination	:	75
Total	**:**	**100**

Question Pattern for Model Examination

Section	Types of Question	No. of Questions	No. of Questions to be answered	Marks for each Question	Total Marks
A Q.No.(1-5)	Internal Choice- Either or Type	5	5	7	35
B Q.No.(6-9)	Internal Choice- Either or Type	4	4	10	40
				Total	**75**

2.8.2 Extra credit Course offered by MOOC (Massive Open Online Course)

➢ The Courses shall be completed within the first V Semesters of the Programme.

➢ The allotment of credits is as follows **(Maximum of 10 credits)**

<div align="center">

4weeks Course   - 1 credit

8 weeks Course   - 2 credits

12 weeks Course   - 3 credits

</div>

ELIGIBILITY FOR THE DEGREE

• The candidate will not be eligible for the Degree without completing the prescribed Courses of study, lab work, *etc.,* and a minimum Pass marks in all the Courses.

- No Pass minimum for Internal Assessment.
- Pass minimum for External Examination is 27 marks out of 75 marks for Core Courses, Elective Courses (Generic Elective, DSEC Courses)
- Pass minimum for External Examination is 18 marks out of 50 marks for Skill Enhancement Courses and Non Major Elective Courses (NMEC).
- The aggregate minimum pass percentage is 40 marks for all Courses.
- Pass minimum for External Practical Examination is 21 marks out of 60 marks.

Attendance

- The students who have attended the classes for 76 days (85%) and above are permitted to appear for the Summative Examinations without any condition.
- The students who have only 60-75 days (66% - 84%) of attendance are permitted to appear for the Summative Examinations after paying the required fine amount and fulfilling other conditions according to the respective cases.

- The students who have attended the classes for 59 days and less - up to 45 days (50%- 65%) can appear for the Summative Examinations only after getting special permission from the Principal.

- The students who have attended the classes for 44 days or less (<50%) cannot appear for the Summative Examinations and have to repeat the whole semester.

- For Part V in UG Programmes, the students require 75 % of attendance to get a credit.

- For Certificate, Diploma, Advanced Diploma and Post Graduate Diploma Programmes, the students require 75% of attendance to appear for the Theory/Practical Examinations.

B.3 ASSESSMENT MANAGEMENT PLAN

An Assessment Management Plan that details the assessment strategy both at the Programme and the Course levels is prepared. The continuous assessment is implemented using an assessment rubric to interpret and grade students.

B.3.1 Assessment Process for CO Attainment

Assessment is one or more processes carried out by the institution that identify, collect and prepare data to evaluate the achievement of Course Outcomes and Programme Outcomes. Course Outcome is evaluated based on the performance of students in the Continuous Internal Assessments and in End Semester Examination of a Course. Target levels of attainment shall be fixed by the Course teacher and Heads of the respective departments.

Direct Assessment (Rubric based) - Conventional assessment tools such as Term Test, Assignment, Quiz and End Semester Summative Examination are used.

Indirect Assessment – Done through Course Exit Survey.

CO Assessment Rubrics

For the evaluation and assessment of COs and POs, rubrics are used. Internal assessment contributes 40% and End Semester assessment contributes 60% to the total attainment of a CO for the theory Courses. For the practical Courses, internal assessment contributes 50% and Semester assessment contributes 50% to the total attainment of a CO. Once the Course Outcome is measured, the PO can be measured using a CO-PO matrix.

CO Attainment

Direct CO Attainment

Course Outcomes of all Courses are assessed and the CO – wise marks obtained by all the students are recorded for all the assessment tools. The respective CO attainment level is evaluated based on set attainment rubrics.

Target Setting for Assessment Method

For setting up the target of internal assessment tools, 55% of the maximum mark is fixed as target. For setting up the target of End Semester Examination, the average mark of the class shall be set as target.

Formula for Attainment for each CO

Attainment = Percentage of students who have scored more than the target marks

$$\text{Percentage of Attainment} = \frac{\text{Number of Students who scored more than the Target}}{\text{Total Number of Students}} \times 100$$

Attainment Levels of COs

Assessment Methods	Attainment Levels	
Internal Assessment	Level 1	50% of students scoring more than set target marks in Internal Assessment tools
	Level 2	55% of students scoring more than set target marks in Internal Assessment tools
	Level 3	60% of students scoring more than set target marks in internal Assessment tools
End Semester Summative Examination	Level 1	50% of students scoring more than average marks in End Semester Summative Examination
	Level 2	55% of students scoring more than average marks in End Semester Summative Examination
	Level 3	60% of students scoring more than average marks in End Semester Summative Examination

Indirect CO Attainment

At the end of each Course, an exit survey is conducted to collect the opinion of the students on attainment of Course Outcomes. A questionnaire is designed to reflect the views of the students about the Course Outcomes.

Overall CO Attainment= 75% of Direct CO Attainment + 25 % of Indirect CO Attainment

In each course, the level of attainment of each CO is compared with the predefined targets. If the target is not reached, the Course teacher takes necessary steps for the improvement to reach the target.

For continuous improvement, if the target is reached, the Course teacher can set the target as a value greater than the CO attainment of the previous year.

B.3.2 Assessment Process for Overall PO Attainment

With the help of CO - PO mapping, the PO attainment is calculated. PO assessment is done by giving 75% weightage to direct assessment and 25% weightage to indirect assessment. Direct assessment is based on CO attainment, where 75% weightage is given to attainment through End Semester Examination and 25% weightage is given to attainment through Internal assessments. Indirect assessment is done through Graduate Exit Survey and participation of students in Co-curricular/ Extra curricular activities.

PO Assessment Tools

Mode of Assessment	Assessment Tool	Description
Direct Attainment (Weightage -75%)	CO Assessment	This is computed from the calculated CO Attainment value for each Course
Indirect Attainment (Weightage - 25%)	Graduate Exit Survey 10%	At the end of the Programme, Graduate Exit Survey is collected from the graduates and it gives the opinion of the graduates on attainment of Programme Outcomes
	Co-curricular/ Extra-curricular activities 15%	For participation in Co-curricular/Extra-curricular activities during the period of their study.

Programme Articulation Matrix (PAM)

Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7
Average Direct PO Attainment								
Direct PO Attainment in percentage								

Indirect Attainment of POs for all Courses

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
Graduate Exit Survey							
Indirect PO Attainment							

Attainments of POs for all Courses

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
Direct Attainment (Weightage - 75%)							
Indirect Attainment (Weightage - 25%)							
Overall PO Attainment							

Overall PO Attainment= 75% of Direct PO Attainment +

25% of Indirect PO Attainment (Graduate Exit Survey

& Participation in Co- curricular and

Extra curricular Activities)

Expected Level of Attainment for each of the Programme Outcomes

POs	Level of Attainment
Attainment Value ≥70%	Excellent
60% ≤ Attainment Value < 70%	Very Good
50% ≤ Attainment Value < 60%	Good
40% ≤ Attainment Value < 50%	Satisfactory
Attainment Value <40%	Not Satisfactory

Level of PO Attainment

Graduation Batch	Overall PO Attainment (in percentage)	Whether Expected Level of PO is Achieved? (Yes/No)

B.3.3 Assessment Process for PEOs

The curriculum is designed so that all the Courses contribute to the achievement of PEOs. The attainment of PEOs is measured after 5 years of completion of the Programme only through indirect methods.

Target for PEO Attainment

Assessment Criteria	Target (UG)	Target (PG)
Record of Employment	15% of the class strength	30% of the class strength
Progression to Higher Education	50% of the class strength	5% of the class strength
Record of Entrepreneurship	2% of the class strength	5% of the class strength

Attainment of PEOs

Assessment Criteria & Tool	Weightage
Record of Employment	10
Progression to Higher Education	20
Record of Entrepreneurship	10
Feedback from Alumnae	30
Feedback from Parents	10
Feedback from Employers	20
Total Attainment	**100**

$$\text{Percentage of PEO Attainment from Employment} = \frac{\text{Number of Students who have got Employment}}{\text{Target}} \times 100$$

$$\text{Percentage of PEO Attainment from Higher Education} = \frac{\text{Number of Students who pursue Higher Education}}{\text{Target}} \times 100$$

$$\text{Percentage of PEO Attainment from Entrepreneurship} = \frac{\text{Number of Students who have become Entrepreneurs}}{\text{Target}} \times 100$$

Expected Level of Attainment for each of the Programme Educational Objectives

POs	Level of Attainment
Attainment Value $\geq$70%	Excellent
60% $\leq$ Attainment Value < 70%	Very Good
50% $\leq$ Attainment Value < 60%	Good
40% $\leq$ Attainment Value < 50%	Satisfactory
Attainment Value <40%	Not Satisfactory

Level of PEO Attainment

Graduation Batch	Overall PEO Attainment (in percentage)	Whether Expected Level of PEO is Achieved? (Yes/No)

C. PROCESS OF REDEFINING THE PROGRMME EDUCATIONAL OBJECTIVES

The College has always been involving the key stakeholders in collecting information and suggestions with regard to curriculum development and curriculum revision. Based on the information collected the objectives of the Programme are defined, refined and are inscribed in the form of PEOs. The level of attainment of PEOs defined earlier will be analyzed and will identify the need for redefining PEOs. Based on identified changes in terms of curriculum, regulations and PEOs, the administrative system like Board of Studies, Academic Council and Governing Body may recommend appropriate actions. As per the Outcome Based Education Frame work implemented from the Academic Year 2020-2021, the following are the Programme Structure, the Programme Contents and the Course Contents of B.Sc. Costume Design and Fashion Programme.

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BACHELOR OF SCIENCE -COSTUME DESIGN AND FASHION (2030)
Outcome Based Education with Choice Based Credit System
Programme Structure – Allotment of Hours and Credits
For those who join in the Academic Year 2024-2025

Components	Semester						Total Number of Hours (Credits)
	I	II	III	IV	V	VI	
Part I : Tamil /Hindi	6 (3)	6 (3)	6 (3)	6 (3)	-	-	24 (12)
Part II : English	6 (3)	6(3)	6 (3)	6 (3)	-	-	24 (12)
Part III : Core Courses, Elective Courses and Self-Study Course							
Core Course	5 (5)	5 (5)	5 (5)	5 (5)	6 (6)	6 (5)	32 (31)
Core Course	5(5)	-	-	4 (4)	6 (6)	6 (5)	21 (20)
Core Course	-	-	-	-	-	-	-
Core Course Practical	-	5 (3)	5 (3)	-	5 (3)	6 (4)	21(13)
Core Course Project	-	-	-	-	1 (1)	-	1 (1)
Elective Course (DSEC)	-	-	-	-	5(4)	5 (4)	10 (8)
Elective Course (DSEC Practical)	-	-	-	-	5(3)	5(3)	10(6)
Elective Course I (Allied)	4(3)	4(3)	-	-	-	-	8(6)
Elective Course I Practical I(Allied)	-	-	-	-	-	-	-
Elective Course II(Allied)	-	-	-	-	-	-	-
Elective Course II Practical II (Allied)	-	-	4 (3)	4 (3)	-	-	8 (6)
Self-Study Course	-	-	-	-	-	0 (1)	0 (1)
Part IV: Skill Enhancement Courses, Elective Courses, Self-Study Course and Internship/ Industrial Training							
SEC	2 (2)	-	1 (1)	2 (2)	-	-	5(5)
SEC	-	2 (2)	2 (2)	2 (2)	-	2 (2)	8 (8)
Elective Course(NME)	2 (2)	2 (2)	-	-	-	-	4 (4)
Value Education	-	-	-	-	2 (2)	-	2 (2)
Environmental Studies	-	-	1 (0)	1 (2)	-	-	2 (2)
Self-Study Course	-	-	-	-	0 (1)	-	0 (1)
Internship/ Industrial Training	-	-	-	-	0 (1)	-	0 (1)
Part V: Extension Activities	-	-	-	-	-	0 (1)	0 (1)
Total	**30 (23)**	**30 (21)**	**30 (20)**	**30 (24)**	**30 (27)**	**30 (25)**	**180 (140)**
Extra Credit Course (Self Study Course)	**-**	**-**	**-**	**-**	0(2)	**-**	0(2)

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B.Sc. COSTUME DESIGN AND FASHION- 2030
Programme ContentSemester – III
(2024-2025 onwards)

S. No.	Components		Title of theCourse	Course Code	Hours Per Week	Credits	Exam. Hours	Marks		
								Int.	Ext.	Total
1.	**Part I**		Tamil/Hindi	24UTAG31/ 24UHDG31	6	3	3	25	75	100
2.	**Part II**		English	24UENG31	6	3	3	25	75	100
3.	**Part III**	Core Course -5	Fabric Structure and Design	24UCFC31	5	5	3	25	75	100
4.		Core Course -6 Practical –II	Garment Construction – Children's Wear Practical	24UCFC31P	5	3	3	40	60	100
5.		Elective Course Practical-II	Ornaments andAccessory Making Practical	24UCFA31P	4	3	3	40	60	100
6.	**Part IV**	SEC-3	Surface EmbellishmentsPractical	24UCFS31P	1	1	2	100	-	100
7.		SEC-4	Fabric Structure and Design Practical	24UCFS32P	2	2	2	40	60	100
8.			Environmental Studies	24UGES41	1	-	-	-	-	-
				Total	30	20				700

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B.Sc. COSTUME DESIGNAND FASHION- 2030

Programme ContentSemester – IV

(2024-2025 onwards)

S. No.	Components		Title of theCourse	Course Code	Hours Per Week	Credits	Exam. Hours	Marks		
								Int.	Ext.	Total
1.	**Part I**		Tamil/Hindi	24UTAG41/ 24UHDG41	6	3	3	25	75	100
2.	**Part II**		English	24UENG41	6	3	3	25	75	100
3.	**Part III**	Core Course -7	IndustrialGarment Machineries	24UCFC41	5	5	3	25	75	100
4.		Core Course -8	Textile WetProcessing	24UCFC42	4	4	3	25	75	100
5.		Elective Course-II Practical-II	Draping Practical	24UCFA41P	4	3	3	40	60	100
6	**Part IV**	SEC-5	Textile Dyeing and Printing Practical	24UCFS41P	2	2	2	40	60	100
7.		SEC-6	Computer Aided Design I Practical	24UCFS42P	2	2	2	40	60	100
8.			Environmental Studies	24UGES41	1	2	2	100	-	100
				Total	**30**	**24**				**800**

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B.Sc. COSTUME DESIGNANDFASHION- 2030
Programme ContentSemester – V
(2024-2025 onwards)

S. No.	Components		Title of the Course	Course Code	Hours Per Week	Credits	Exam. Hours	Marks		
								Int.	Ext.	Total
1.	**Part III**	Core Course -9	Costumes and Textiles of India	24UCFC51	6	6	3	25	75	100
2.		Core Course -10	Garment Quality and Cost Control	24UCFC52	6	6	3	25	75	100
3.		Core Course -11 Practical -III	Garment Construction –Adult Wear Practical	24UCFC51P	5	3	3	40	60	100
4.		Core Course –12 Project	Project	24UCFC54PR	1	1	-	100	-	100
5.		Elective Course DSEC -1	Marketing and Merchandising/ Apparel Brand Management	24UCFE51/ 24UCFE52	5	4	3	25	75	100
6.		Elective Course DSEC -2 Practical-I	Eco Dyeingand Printing Practical/ Couture Design Development Practical	24UCFE53P/ 24UCFE54P	5	3	3	40	60	100
7.	**Part IV**	Self-Study Course	Practice for Competitive Course- online	24UGCE51	-	1	-	100	-	100
8.		Internship/ Industrial Training	Internship	24UCFI51	-	1	-	100	-	100
9.			Value Education	24UGVE51	2	2	2	100	-	100
			Total		**30**	**27**				**900**
	Extra Credit Course (Self – Study Course)		Knitting	24UCFO51	-	2	3	-	-	**100**

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B.Sc. COSTUME DESIGN AND FASHION- 2030

Programme Content - Semester VI

(2024-2025 onwards)

S.No.	Components		Title of the Course	Course Code	Hours Per Week	Credits	Exam. Hours	Marks		
								Int.	Ext.	Total
1.	**Part III**	Core Course -13	The Business of Fashion	24UCFC61	6	5	3	25	75	100
2.		Core Course -14	Computer Applications in Garment Industry	24UCFC62	6	5	3	25	75	100
3.		Core Course-15 Practical - IV	Computer Aided Design II Practical	24UCFC61P	6	4	3	40	60	100
4.		Elective Course DSEC -3	Entrepreneurship Development/ Organisation of Garment Unit	24UCFE61/ 24UCFE62	5	4	3	25	75	100
5.		Elective Course DSEC -4 Practical - II	Design Process and Product Development Practical/ Sustainable Product Development Practical	24UCFE63P/ 24UCFE64P	5	3	3	40	60	100
6.	**Part IV**	Self-Study Course	Discipline Specific Quiz - Online	24UCFQ61	0	1	-	100	-	100
7.		SEC-7 Professional Competency Skill Enhancement Course	Communication and Work Ethics for Apparel Industry	24UCFS61	2	2	2	25	75	100
8.	**Part V**		Extension Activity		-	1	-	100	-	100
				Total	**30**	**25**				**800**

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B.Sc. Costume Design and Fashion

(2024-2025 onwards)

Semester III		Hours/Week:5	
Core Course - 5	**FABRIC STRUCTURE AND DESIGN**	Credits:5	
Course Code **24UCFC31**		Internal 25	External 75

COURSEOUTCOMES

On completion of the course, students will be able to

CO1: identify the objectives, functions and explain the concepts of weaves, figured fabrics, pile fabrics and double cloth fabrics. [K1]

CO2: classify the types of weaves and explain the methods of woven formation. [K2]

CO3: discuss the importance, construction and salient features of fabric structure anddesign. [K2]

CO4: find out the techniques involved in the processing of weaving and identify thecharacteristics and applications of woven fabrics. [K3]

CO5: apply the principles to draft the peg plan for various weaves. [K3]

UNIT I Elements of Woven Design

Elements of woven design, methods of fabric representation, draft and lifting plan, construction of elementary weaves plain, warp rib, weft rib, twill, modification of twills, satin and sateen weaves− their derivatives.   (15 Hours)

UNIT II Types of Weaves

Ordinary and brighten honey comb, its modification, huckaback and its modifications, crepe weaves, mockleno.   (15 Hours)

UNIT III Figured Fabrics

Extra warp and extra weft figuring single and two colours, planting, backed fabric, warp and weft backed fabrics.   (15 Hours)

UNIT IV Pile Fabrics

Pile fabric –formation of pile – weft pile – plain back, twill back – length, density and fastness of pile − Corduroy weft plush. Warp pile −terry pile, with the aid of wires, face to face warp pile.   (15 Hours)

UNIT V Double Cloth

Double cloth – Classification, Self stitched − Face to back, Back to face, both. Centre stitched−warp and weft. Inter changing double cloth.   (15 Hours)

TEXT BOOKS

1. Gokarneshan,N.(2016).*Fabric Structure and Design,* 2nd Edition. Chandigarh: New Age International (P)Ltd.

2. Grosichkli Z (1989). *Watson's Advanced Textile Design,* London: Butter Worths, Newness.

REFERENCE BOOKS

1. CorbmanB.P. GrawHill,M.C.(1985).*Textiles–Fibre to Fabric.* International Student's Edition. Singapore: Book Company.

2. Deepali Rastogi, Sheetal Chopra, (2017). *Textile Science,* Hyderabad: Orient Black swan Private Limited.

3. Gokarneshan N, (2004).*Fabric Structure and Design*, New Delhi: New Age International Publishers Ltd.

4. Gokerneshan,N.(2009).*Weaving Preparation Technology,* Chandigarh: AbishekPublication.

5. Murphy,W.S.(2001).*Hand book of Weaving,* Chandigarh*:* Abhishek Publications.

6. SeemaSekhri, (2017).*Text Book of Fabric Science Fundamentals to Finishing,* 2ndEdition. New Delhi: PHI Learning Private Limited.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://textilelearner.blogspot.com/2011/06/weaving-weaving-mechanism_643

2. https://textilelearner.blogspot.com/2012/07/basic-woven-fabric-structure-plain

3. http://textilefashionstudy.com/category/fabric-manufacturing-technology-2

4. http://www.warporweft.com/types-of-looms

Course Code 24UCFC41	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	2	2	-	-	-	-	-	-
CO2	3	3	2	2	-	-	-	-	-	-
CO3	3	3	3	3	3	1	1	-	-	-
CO4	3	3	3	3	2	1	2	-	-	-
CO5	3	3	3	3	2	1	3	3	-	-

Strong (3)   Medium(2)   Low(1)

Mrs.J.Athirstam   Ms.S.Betsy Sherin

Head of the Department   **Course Designer**

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Semester III		Hours/Week:5	
Core Course -6 Practical II	**GARMENT CONSTRUCTION – CHILDREN'S WEAR PRACTICAL**	Credits:3	
Course Code **24UCFC31P**		Internal 40	External 60

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: trace the paper patterns for various children's wear. [K2]

CO2: write the stitching procedure for the designed children's wear. [K2]

CO3: apply the technical skills to construct children's wear with various features. [K3]

CO4: calculate cost for the designed children's garment. [K3]

CO5: prepare record and develop the new trends in making apparels for children's wear. [K3]

1. **Design, draft and construct the following garments for a child**

   - Bib
   - Panty
   - Jabla
   - Knicker
   - Baba suit
   - A - line frock
   - Summer frock
   - Midi and top
   - Frock-party wear

TEXT BOOKS

1. Mary Mathews, (1986). *Practical Clothing Constructing-Part I and II*, Cosmic Press, Chennai:

2. Zarapker. Kltd.R,(2008). *Zarapker System of Cutting,* Delhi: Navneet Publications.

REFERENCE BOOKS

1. Digest, R.(1976).*Complete Guide to Sewing*, New York : The Reader's DigestAssociation, the Pleasant Ville.

2. Gayatri Verma & Kapil Dev, (2009). *Cutting and tailoring Course, India*: ComputechPublications.

3. Rosalie,P.Giles,(1978).*Needle Work*, London : Methuen Educational.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827

2. https://www.youtube.com/watch?v=nI-ShbmnuVg

3. https://www.youtube.com/watch?v=LuazkYL0J3A

4. https://www.youtube.com/watch?v=zLkNgkzx-wI

Course Code 24UCFC31P	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PS O6	PSO 7
CO1	3	3	3	3	3	3	3	3	2	-
CO2	3	3	3	3	3	3	3	3	2	-
CO3	3	3	3	3	3	3	3	3	2	-
CO4	3	3	3	3	3	3	3	3	2	-
CO5	3	3	3	3	3	3	3	3	2	-

Strong (3)   Medium (2)   Low (1)

Mrs.J.Athirstam   Ms.L.Dervimuthumari

Head of the Department   **Course Designer**

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B.Sc. Costume Design and Fashion
(2024-2025 onwards)

Semester III		Hours/Week:4	
Elective Course Practical – II	**ORNAMENTS AND ACCESSORY MAKING PRACTICAL**	Credit: 3	
Course Code		Internal	External
24UCFA31P		40	60

COURSE OUTCOMES

On completion of the course, the students will be able to

CO1: select the appropriate raw materials for preparing ornaments and accessories. [K2]

CO2: write the procedures involved in making the ornaments and accessories suitable for various occasions. [K2]

CO3: prepare the ornaments and accessories with innovative ideas. [K3]

CO4: calculate cost for the prepared ornaments and accessories. [K3]

CO5: apply the aesthetic sense to enhance the personality of a person and prepare record with various samples. [K3]

PRACTICALS

I. **Create the following accessories with fabric**

- Handbag/cell phone pouch
- Slippers or shoes
- Belt for men and women
- Mask and gloves

II. **Create the following ornaments**

- Hair ornaments
- Ear ornaments
- Neck ornaments
- Hand ornaments
- Finger ornaments
- Hip ornaments

- Legs ornaments

- Head fascinators

III. Create set of ornaments to suit address

Set of ornaments for bridal wear/fashion show/office wear/casual wear/dance costumes.

TEXT BOOKS

1. Jinks Mc Grath, (2007). *Jewellery Making*, A Complete Course for *Beginners*, UK: Apple Press.

2. Thames and Hudson, (2010). *The Work bench Guide to Jewellery Techniques*, New York: Anastasia Young, publisher.

REFERENCE BOOK

1. Lisa Lam, Amy Butler, (2010). *The Bag Making Bible: The Complete Creative Guide to Sewing Your Own Bags*, UK: David & Charles, Publisher.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1 https://www.youtube.com/watch?v=pdwJZZSUjfs

2. https://www.youtube.com/watch?v=4jNCJm3j0ec

3. https://www.youtube.com/watch?v=RehISbeKeMo

4. https://www.youtube.com/watch?v=bpjpvxos200

5. https://www.youtube.com/watch?v=7OTfnxojulM

Course Code 24UCFA31P	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO 1	3	3	1	1	1	2	2	2	1	-
CO 2	3	3	1	1	1	2	2	2	1	-
CO 3	3	3	1	1	2	1	1	2	-	-
CO 4	3	3	2	1	1	-	-	2	-	-
CO 5	3	3	2	1	1	-	-	2	-	-

Strong (3)   Medium (2)   Low (1)

Mrs.J.Athirstam   Ms.S.Betsy Sherin

Head of the Department   **Course Designer**

V.V.VANNIAPERUMAL COLLEGE FOR WOMEN

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VIRUDHUNAGAR

Quality Education with Wisdom and Values

B.Sc. Costume Design and Fashion
(2024-2025 onwards)

Semester III	**SURFACE EMBELLISHMENTS PRACTICAL**	Hours/Week:1	
SEC- 3		Credits:1	
Course Code **24UCFS31P**		Internal 100	External -

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: select suitable design, threads and colours for making of hand, machine and advanced embroidery stitches like applique, patch work, quilt and smocking. [K2]

CO2: write the procedures to make embroidery stitches. [K2]

CO3: make use of the technical skills involved in making embroidery stitches for surface embellishment. [K3]

CO4: find out the cost for surface embellishment. [K3]

CO5: prepare record with the samples of hand, machine and advanced embroidery stitches like applique, patch work, quilt and smocking. [K3]

1. Create hand embroidery samples (10stitches and 5samples)

- Outline stitches
- Filling stitches
- Loop stitches
- Cross stitches

2.Create embroidery samples using machine
- **Running stitch**
- Satin stitch
- Granite stitch
- Cording

3. Create the following samples
- Bead work
- Sequin work
- Ribbon embroidery
- Mirror work

4. Create samples with applique, patch work and quilt

- Applique

- Simple/Geometric patch work

5. Create samples with smocking

- French smocking

- Chinese smocking

TEXT BOOKS

1. Megan Eckman, (2020).*Every day Embroidery for Modern Stitches,* United

   Kingdom: C& T Publishing.

2. Shailaja DNaik, (1996).*Traditional Embroideries of India,* India: APH Publishing,

REFERENCE BOOKS

1. Libby Moore, (2019). *Thread Folk: A Modern Makers Book of Embroidery Projects*

   and *Artist Collaborations,* Australia: Paige Tate &Co,

2. Betty Barnden., (2003). *The Embroidery Stitch Bible,* Kent: Search press Ltd.

3. Kate,H.(2012).*A Comprehensive Guide to 225Embroidery Stitches and Technique,*

   U.K: The Stitch Bible.

4. Kooler,D.(2000). *Donna Encyclopedia of Needle work*, U.S.A: Leisure Art Inc.

5. Naik,S.D.(2020). *Traditional Embroideries of India*, New Delhi*:*

   APH Publishing Corporation.

6. Country Bumpin, (2015). *A-Z of Ribbon Embroidery*, UK: Kathy Troup Editor.

   Search press.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://sewguide.csom/smocking/

2. https://www.youtube.com/watch?v=Ug2d1NUuE4A

3. https://www.youtube.com/watch?v=uJ2SyeFA_B4

4. https://www.youtube.com/watch?v=nJz9c8gEvFg

Course Code 24UCFS31P	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO 3.a	PSO 4.a	PSO 4.b	PSO 5.a	PSO 6	PSO 7
CO1	3	3	2	3	3	3	3	-	-	-
CO2	3	3	2	3	3	3	3	-	-	-
CO3	3	3	2	3	3	3	3	-	-	-
CO4	3	3	2	3	3	3	3	3	3	-
CO5	3	3	3	3	3	3	3	3	-	-

Strong (3)   Medium(2)   Low(1)

Mrs.J.Athirstam   Ms.L.Devimuthumari
Head of the Department   **Course Designer**

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Semester III	**FABRIC STRUCTURE AND DESIGN PRACTICAL**	Hours/Week:2	
SEC- 4		Credits:2	
Course Code **24UCFS32P**		Internal 40	External 60

COURSEOUTCOMES

On completion of the course, students will be able to

CO1: write the principles and develop the peg plan for the basic and decorative weaves. [K2]

CO2: explain the procedures involved in making the construction of weaves. [K2]

CO3: make use of the peg plan and prepare samples for weaves. [K3]

CO4: identify the knitting samples by unravel and graphic representation. [K3]

CO5: prepare record with various samples of fabric structures and graphic representation for knitting. [K3]

Analyse the following fabric structures

1. Plain weave and its derivatives
   - Warp rib
   - Weft rib
2. Twill Weave
   - Right hand twill
   - Left hand twill
3. Satin and Sateen
4. Honey comb weave
5. Huckaback weave
6. Extra warp figuring
7. Extra weft figuring

Identify knitting samples by unravel and graphic representation

1. Plain knit
2. Rib knit(1x1and2x2)
3. Pique

TEXT BOOKS

1. Anbumani, (2006).*Knitting Manufacture Technology,* Chennai: New Age International.

2. Gokarneshan,N.(2016).*Fabric Structure and Design,* 2nd Edition. Chandigarh: New Age International (P)Ltd.

3. Grosichkli Z (1989). *Watson's Advanced Textile Design,* London: Butter Worths, Newness.

4. Knitting and Apparel technology,S.S.M.I.TCo-operativeSociety.2005

REFERENCE BOOKS

1. Corbman BP, (1985).*Textiles–Fibre to Fabric,* International Students Edition, Singapore:Mc. GrawHill book Co.

2. DBAjgaonker, *Knitting Technology*, (1998). Bombay: Universal Publishing Corporation.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://textilelearner.blogspot.com/2012/07/what-is-fabric-warp-weft-fabric.html

2. http://textilefashionstudy.com/category/fabric-manufacturing-technology-2

3. https://feltmagnet.com/textiles-sewing/How-To-Analyze-A-Woven-Fabric

4. https://www.textileschool.com/242/weaving-calculations/

Course Code 24UCFS32P	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	2	2	-	-	-	-	-	-
CO2	3	3	2	2	-	-	-	-	-	-
CO3	3	3	3	3	-	-	-	-	-	-
CO4	3	3	3	3	3	-	1	-	-	-
CO5	3	3	3	3	2	-	1	1	-	-

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Mrs.J.Athirstam

Head of the Department   **Course Designer**

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Quality Education with Wisdom and Values

B.Sc. Costume Design and Fashion
(2024-2025 onwards)

Semester IV		Hours/Week:5	
Core Course-7	**INDUSTRIAL GARMENT MACHINERIES**	Credits:5	
Course Code **24UCFC41**		Internal 25	External 75

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: describe the parts and functions of sewing machineries and show the importance of tools and equipment needed for stitching, spreading, marking, cutting, pressing and package forms. [K1]

CO2: classify the types of sewing machines and the equipment needed for sewing, cutting, marking, pressing, packaging and the mechanism of sewing. [K2]

CO3: explain the methods and functions of sewing, cutting, marking, packing and pressing equipment needed for an apparel industry. [K2]

CO4: identify the principles of various equipment and utilize its techniques in garment manufacturing industry and find out the qualities of sewing threads and the common problems that are faced while sewing. [K3]

CO5: make use of the requirements of marker planning and the usage of technological equipment and identify the federal standards of stitches and seams. [K3]

UNIT I Stitching Mechanism

Stitching mechanism needles, bobbin and bobbin case, bobbin winding, loops and loop spreader, upper and lower threading, auxiliary hooks, throat plates, take ups, tension discs upper and lower thread tension, stitching auxiliaries, pressure foot and its types, feed mechanisms- drop feed, differential feed, needle feed, compound feed, unison and feed, puller feed. (15 Hours)

UNIT II Spreading and Marking Methods

Spreading – Types of spread and its quality, parts and functions of spreading equipment, spreading methods. Marking methods, positioning marking types of markers, efficiency of a marker plan, requirements of marker planning. (15 Hours)

UNIT III Cutting and Pressing Methods

Cutting equipment, parts and functions of straight knife cutting machine, rotary cutting machine, band knife cutting machine, die cutters. Pressing–purpose, pressing equipment's and methods – iron, steam press, steam air finisher, steam tunnel, special types –pleating, permanent. (15 Hours)

UNIT IV Sewing Machineries

Sewing machineries - classification of sewing machines, parts and functions of single needle lockstitch machine, over lock machine, bar tacking machine, button hole machine, button fixing machine, blind stitching machine, fabric examining machine. Special attachments, care and maintenance of sewing machines, common problems and remedies.

(15 Hours)

UNIT V Packaging, Sewing Threads, Stitches and Seams

Garment packaging – types of package forms, sewing threads-types, essential qualities of a sewing thread federal standards for stitch and stitch classification, federal standards for seam and seam classification. Introduction to AI in textile industry. (15 Hours)

TEXT BOOKS

1. Harold Carr and Barbara Latham, (1994*). The Technology of Clothing Manufactur*e, UK:Black well Science,

2. Jacob Solinger, (1988).*Apparel Manufacturing Hand book: Analysis, Principles andPractice*, Blenheim: 2ndEdition, Bobbin Blenheim Media Corp,

3. David, J. Tyler, (2008) *Carr and Latham's Technology of Clothing Manufacture,* 4th Edition.Australia: Blackwell Publications.

REFERENCE BOOKS

1. Reader'sdigest Sewing guide, Complete Guide to Sewing13th Edition, The Reader's Digest Association Inc, Pleasant Ville,1997.

2. Coles MSew, (1977*).A complete guide for sewing,* Singapore: Heinemann Professional Publishing

3. Chuter, A.J. (2011). *Introduction to Clothing Production Management,* 2nd Edition. New Delhi: Wiley India Edition.

4. Federal Standard, (1977). *Stitches Seams and Stitching,* U.S. General Sewing Administration.

5. Seema Kapoor, (2016). *Apparel Manufacturing Technology,* New Delhi: Sonali Publications.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://clothingindustry.blogspot.com/2018/04/packaging-process-garment-industry.html

2. https://www.youtube.com/watch?v=palmFFnMT1E

3. https://www.youtube.com/watch?v=67K0RMJVB_U

4. https://www.youtube.com/watch?v=HIBcn9Igirc

5. https://www.youtube.com/watch?v=QOofEoJQyro

| Course Code 24UCFC41 | PO1 | | PO2 | | PO3 | PO4 | | PO5 | PO6 | PO7 |
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO5	PSO6	PSO7
CO1	3	2	3	2	-	-	-	-	-	-
CO2	3	2	3	2	-	-	-	-	-	-
CO3	3	3	3	1	-	-	-	-	-	-
CO4	3	3	3	1	3	3	1	-	-	-
CO5	3	3	3	1	3	3	1	-	-	-

Strong (3) Medium (2) Low(1)

Mrs.J.Athirstam   Mrs.J.Athirstam

Head of the Department   **Course Designer**

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VIRUDHUNAGAR
Quality Education with Wisdom and Values

B.Sc. Costume Design and Fashion
(2024-2025 onwards)

Semester IV		Hours/Week:4	
Core Course-8	**TEXTILE WET PROCESSING**	Credits:4	
Course Code **24UCFC42**		Internal 25	External 75

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: enumerate the concepts, objectives, process sequence and importance of textile wet processing including basic and functional finishes, dyeing, printing and effluent treatment followed in textile industry. [K1]

CO2: classify the types of dyes, finishes including basic, aesthetic, functional and special purpose finishes along with their role in dyeing, printing and pollution control. [K2]

CO3: describe the methods of textile wet processing, various finishes, dyeing, printing and effluent treatments as followed in textile industry. [K2]

CO4: apply the techniques of textile wet processing, dyeing, printing and finishing treatments to improve fabric quality and performance as practiced in textile industry. [K3]

CO5: utilize the process sequence of textile wet processing including finishing, dyeing and printing while ensuring eco-friendly practices and effluent treatment for sustainable textile production in textile industry. [K3]

UNIT I Wet Processing Process and Basic Finishes

Process sequence of textile wet processing; process sequence and methods- singeing, desizing, scouring, bleaching and mercerizing. Finishes types –basic finishes, aesthetic finishes, functional finishes and special purpose finishes.   (12Hours)

UNIT II Dyes and Dyeing Machines

Dyes – classification and suitability of dyes to the fabric, stages of dyeing – fiber, yarn, fabric and garment dyeing, Natural dyes and its significance. Dyeing machines – loose stock fiber bale– hank package – jigger –winch –HT &HP Beam, jet –Padding mangles. Garment dyeing machines.

(12 Hours)

UNIT III Direct Printing

Printing –difference between dyeing and Printing. Preparation of printing paste, properties and types of thickeners. Direct printing – block printing - history and techniques used. Screen printing – flat screen and rotary screen, techniques used. (12 Hours)

UNIT IV Aesthetic, Functional and Special Finishes

Aesthetic finish – glazed, moire, embossed, napped, finish functional finish – water repellant, flame retardant antistatic finish. Special purpose finish–fragrance, antibacterial, stone wash and enzyme wash in denim recent trends - an introduction Micro encapsulation and nano finishes. (12 Hours)

UNIT V Resist, Discharge Printing and Effluent Treatment

Resist printing –tie and dye and batik; process sequence and techniques. Discharge printing, other methods – digital printing, heat transfer printing. Effluent treatment - pollution created by the processing unit, process sequence in effluent treatment plant (12 Hours)

TEXT BOOKS

1. Paters R.H, (1967). *Textile Chemistry, London*, New York: Elsevier Publishing.
2. Shenai V.A., (1981). *Technology of Textile Processing*, Bombay: Sevak Publications.
3. Shenai. Z V.A , (1990). *Textile Finishing*, Mumbai: Sevak Publications.
4. Deepali Rastogi, & Sheetal Chopra, (2017). *Textile Science,* Hyderabad: Orient Black swan Private limited.

REFERENCE BOOKS

1. Menachem Lewin and Stephen B.Sello, (1984). Functional Finishes, New York: Marcel Dekker   Inc.,
2. R.S. Prayag, (1994) .Textile Finishing, India: Shree J Printers.
3. Arora, A. (2011). *Text book of dyes,* New Delhi: Sonali Publications.
4. Carbman, B.P. (2000). Fibre to fabric, International Students Edition. Singapore: MC Graw Hill Book Co.
5. Gunner, J. (2006). *Shibori for textile artist*, London: Batsford.
6. Murphy, W.S. (2000). *Textile finishing,* Chandigarh: Abhishek Publication.
7. Sekhri, S. (2016). *Text book of fabric science,* 2 nd Edition. India: Prentice Hall Learning Private Limited.
8. Seema sekhri, (2017). *Text book of fabric science fundamentals to finishing*, 2 nd Edition. India: Prentice Hall Learning Private Limited

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://textilecourse.blogspot.com/2018/08/working-process-printing-

2. http://www.neoakruthi.com/blog/etp-for-textile-industry.html

3. https://textilelearner.blogspot.com/2011/08/flow-chart-of-wet-processing-process.html

4. https://www.textileschool.com/343/fabric-wet-processing-techniques/

5. https://www.fibre2fashion.com/industry-article/1699/special--finishes-to-garment-an-overview

Course Code 24UCFC42	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	2	2	-	-	-	-	-	-
CO2	3	3	2	2	1	-	-	-	-	-
CO3	3	3	3	3	3	-	1	1	-	-
CO4	3	3	3	3	2	-	2	1	-	-
CO5	3	3	3	3	2	-	3	3	-	-

Strong (3) Medium (2)Low(1)

Mrs.J.Athirstam   Ms.S.Betsy Sherin

Head of the Department   **Course Designer**

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Semester IV		Hours/Week:4	
Elective Course II Practical –II	**DRAPING PRACTICAL**	Credits:3	
Course Code **24UCFA41P**		Internal 40	External 60

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: explain the tools needed for preparing body forms and fabrics. [K2]

CO2: outline the paper pattern for the draped garment. [K2]

CO3: identify the creative skills to drape different models in a dress form. [K3]

CO4: make use of the procedures involved in making a garment. [K3]

CO5: prepare record and patterns for designed garments. [K3]

1. **Preparation of body forms**

    - Mark the chest line with style tape

    - Mark the empire/under chest line with style tape

    - Mark the waist line with style tape

    - Mark the hip line with style tape

2. **Preparation of fabric**

    - Remove creases by ironing the fabric.

    - Straighten the fabric

3. Drape the following patterns

    - Draping of bodice front with french dart

    - Draping of bodice back waist line dart

    - Draping of skirt with fullness

    - Draping of bodice with butterfly twist

    - Strapless top

    - Gibson bodice

4. Drape the following yokes

- Simple yoke

- Yoke with fullness within the yoke shirt yoke

- Midriff yoke

5. Drape the following collars

- Peter pan collar

- Mandarin collar/shirt collar

- Shawl collar/ convertible collar

6. Drape the following sleeves

- Plain sleeve

- Puff sleeve

TEXT BOOKS

1. Connie Amaden-Crawford, (2018) .*The Art of Fashion Draping,* United Kingdom:Bloomsbury Publishing.

2. Helen Joseph and Armstrong, (2013). *Draping for Apparel Design*, 3rd Edition- NewYork: Bloomsbury Academic.

3. Kiisel Karolyn,H.(2013).*Draping: the complete course*, U.S.A: Laurence KingPublishing.

REFERENCE BOOKS

1. Connie Amaden,C. (2005). *The art of fashion draping*. 3rd edition. U.S.A: Laurence King Publishing.

2. Hilde Jaffe, (2000). *Draping for Fashion Design,* US: Prentice Hall.

3. Helen Joseph and Armstrong, (2008).Draping for Apparel Design , New York :Bloomsbury Academic,

4. Hilde Jaffe and Nurie Relis, (2005). *Draping for Fashion Design, Pearson*, USA:Prentice Hall.

5. Amadan Crawford, C. (2005). *The art of fashion draping*, New York: Fair ChildPublications.

6. Connie Amaden-Crawford, (2007) .*The Art of Fashion Draping,* United Kingdom:Blooms bury Publishing.

7. Crawford, C. (2005). *The art of Fashion Draping,* 3rd edition. U.S.A: Laurence KingPublishing

8. Emeritus, N. &Jaffe, H. (2011).*Draping for fashion design,* 5th Edition. U.S.A: PrenticeHall.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://www.youtube.com/watch?v=hAvjXU9xrOM

2. https://www.youtube.com/watch?v=BhG9Sp3UutI

3. https://www.moodfabrics.com/blog/intro-to-draping-dress-form-muslin-basics/

4. https://fitnyc.libguides.com/fashiondesign/draping

Course Code	PO1		PO2		PO3	PO4		PO5	PO6	PO7
24UCFA41P	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	2	2	3	3	3	3	-	-
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Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Mrs.L.Devimuthumari

Head of the Department   **Course Designer**

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(2024-2025 onwards)

Semester IV	**TEXTILE DYEING AND PRINTING PRACTICAL**	Hours/Week:2	
SEC-5		Credits:2	
Course Code **24UCFS41P**		Internal 40	External 60

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: explain the process of fabric preparation including desizing, scouring, mercerizing and bleaching [K2]

CO2: write the procedures and result for the processing of textiles, dyeing and printing.[K2]

CO3: apply the suitable techniques of different dyes, including direct, basic, acid, reactive, vegetable and vat dyes with aesthetically appealing textile surfaces. [K3]

CO4: utilize different printing methods such as block, stencil, tie and dye and batik to create decorative fabric patterns. [K3]

CO5: prepare record with dyed, printed and processed fabric samples with innovative ideas. [K3]

1. **Preparation of Samples for Processing**

   - Desizing
   - Scouring
   - Bleaching
   - Mercerising

2. **Dye the Given Fabric Using Suitable Dye**

   - Direct dye
   - Basic dye
   - Acid dyes
   - Reactive dye
   - Vegetable dyes (anyone)
   - Vat dye

3. Print the Fabric Using Suitable Dyes / Pigments

- Block printing–wooden and vegetable blocks
- Stencil printing
- Tie and dye (use any three tying methods)
- Batik printing

TEXT BOOKS

1. Marsh. J.T, (1948). *An Introduction to Textile Finishing,* London: Chapman and hall Ltd,

2. Shenai V.A., (1981). *Technology of Textile Processing,* Bombay: Vol. III, V, VI, VII Sevak publications.

REFERENCE BOOKS

1. Nora Proud (1974). *Simple textile dyeing and Printing,* London: Bats ford Publisher.

2. S.P. Mishra, (2016). *Science and technology of Textile Dyeing and Colouring*, India: New Age International (p) Ltd Publishers,

3. Smith, J.L. (2003). Textile processing, Chandigarh: Abhishek Publications.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://www.youtube.com/watch?v=whm0UxZ9gnQ

2. https://www.hamstech.com/blog/significance-of-dyeing-printing-in-fashion-designing/

Course Code	PO1		PO2		PO3	PO4		PO5	PO6	PO7
24UCFS41P	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
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CO3	3	3	3	3	3	-	1	1	-	-
CO4	3	3	3	3	2	-	2	1	-	-
CO5	3	3	3	3	2	-	3	3	-	-

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Ms.S.Betsy Sherin

Head of the Department   **Course Designer**

V.V.VANNIAPERUMAL COLLEGE FOR WOMEN

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VIRUDHUNAGAR

Quality Education with Wisdom and Values

B.Sc. Costume Design and Fashion
(2024-2025 onwards)

Semester IV	**COMPUTER AIDED DESIGN – I PRACTICAL**	Hours/Week:2	
SEC -6		Credits:2	
Course Code **24UCFS42P**		Internal 40	External 60

COURSEOUTCOMES

On completion of the course, students will be able to

CO1: understand and practice the tools and techniques for preparing Small Designs/Motifs using CAD. [K2]

CO2: write the procedures involved in designing a garment. [K2]

CO3:make use of the creative skills in designing women's and men's garment with CAD. [K3]

CO4: apply the techniques in creating a children's garment. [K3]

CO5: prepare record for the designed garments using CAD. [K3]

1. **Creating small designs /motifs**

   - Designs for hand kerchief

   - Neck line design

   - Embroidery design

   - Chest print for t-shirt

2. **Create any one children garment design from the following list**

   - Jabla and Knicker

   - Baba Suit

   - Frock

3. **Create anyone women garment design from the following list**

   - Gown/Maxi

   - Salwar Kameez

   - Midi and Top

   - Lehenga

4. **Create anyone men garment design from the following list**

    - SB Vest
    - T-Shirt with Bermudas
    - Shirt and Pant
    - Kurta and Pyjama

TEXT BOOKS

1. Ireland Patrick John, (2006). *Fashion Design Drawing & Presentation*, London: BT Bats ford Ltd.

2. Ireland Patrick John, (2003). *Fashion Design Illustration: Children,* London: BT Bats ford Ltd.

3. Stott, M. (2012). *Pattern cutting for clothing using CAD,* United Kingdom: WoodHead Publishing.

REFERENCE BOOKS

1. Bina Abling, (2006).*Fashion Sketch Book*, New York: Fair Child Publication.

2. Groover, M., &Zimmers, E. (2012). *CAD/CAM: Computer aided design & manufacturing,* India: Pearson Publications.

3. Ibrahim Zeid, (2006).*Mastering CAD/CAM,* 2ndedition. India; MC Grawhill Education.

4. Josephine Steed, & Frances Stevenson, (2012)**.** *Basics textile design 01: sourcing ideas: researching colour, surface, structure, texture and pattern paper back,* India: Blooms bury Publishing Private Limited.

5. Melanie Bowles, Ceri Isaac, (2012). *Digital textile design, 2nd edition,* England: Laurence King Publishing.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://www.youtube.com/watch?v=iX7O4fNQijA
2. https://www.youtube.com/watch?v=8pmgi7q3Gbo
3. https://www.youtube.com/watch?v=x8BsIME4gi4

Course Code	PO1		PO2		PO3	PO4		PO5	PO6	PO7
24UCFS42P	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	3	3	3	3	3	1	-
CO2	3	3	3	3	3	3	3	3	1	-
CO3	3	3	3	3	3	3	3	3	1	-
CO4	3	3	3	3	3	3	3	3	1	-
CO5	3	3	3	3	3	3	3	3	1	-

Strong (3) Medium(2) Low(1)

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Semester V		Hours/Week:6	
Core Course-9	**COSTUMES AND TEXTILES OF INDIA**	Credits:6	
Course Code **24UCFC51**		Internal 25	External 75

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: recall the history, origin and evolution of Indian textiles, costumes, jewelleries, embroideries, printing and dyeing across different periods and regions. [K1]

CO2: classify the various types of traditional Indian costumes, jewelleries embroideries, printed textiles and explain the methods used in their production across different historical periods and states. [K2]

CO3: interpret the cultural significance, traditional practices and regional variations in the making of Indian textiles, costumes, jewelleries and embroideries. [K2]

CO4: find out the usage and techniques involved in traditional textile making, costume design, embroidery, jewellery, printing and dyeing of textiles in various regions of India. [K3]

CO5: Apply knowledge of traditional Indian textiles, costumes, jewelleries and embellishment techniques to develop creative interpretations in contemporary fashion and textile design. [K3]

UNIT I Origin and Growth of Costume

Beginning and growth of costume - Painting, cutting and tattooing. Ancient costumes – Indus valley civilization, Vedic period, Maurya period, Mughal period. Costumes of India –pre and post-independence era   (18 Hours)

UNIT II Dyed and Printed Textiles of India

Study of dyed and printed textiles of India –Bhandhani, Patola, ikkat, kalamkari- in all the above types and techniques used. Study of woven textiles of India – Dacca Muslin, Banarasi / Chanderi brocades, Baluchar, Himrus and Amrus, Kashmir shawls, Pochampalli, silk sarees of Kancheepuram.   (18 Hours)

UNIT III Traditional Costumes of India

Traditional Costume of different States of India- Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Assam, Orissa, West Bengal, Maharashtra, Rajasthan, Uttar Pradesh, Jammu and Kashmir, Gujarat.   (18 Hours)

UNIT IV Indian Jewellery

Indian Jewellery – Jewelleries used in the period of Indus valley civilization, Mauryan period, the Pallava and Chola Period, Symbolic Jewellery of South India, Mughal period. Temple Jewellery of South India, Tribal jewellery**.**   (18 Hours)

UNIT V Traditional Embroideries of India

Traditional embroideries of India – Origin, Embroidery stitches used – embroidery of Kashmir, Phulkari of Punjab, Gujarat – Kutch and Kathiawar, embroidery of Rajasthan, Kasuti of Karnataka, Chicken work of Lucknow, Kantha of Bengal.   (18 Hours)

TEXT BOOKS

1. Jamila Brij Bhushan, (1958). *The costumes and textiles of India* Bombay: –D BT araporevala Sons & Co.

2. G.S.Ghurye , (1967). *Indian Costume*, India: Popular Prakashan Pvt Ltd.

3. M.L Nigam, (1999). *Indian Jewellery,* India: Lustre Press Pvt Ltd,

4. Shailaja D.Naik,(1996). *Traditional Embroideries of India*, India: APH Publishing,

5. Tyagi, A. (2016). Traditional Indian textiles. New Delhi: Sonali Publications.

REFERENCE BOOKS

1. Dorris Flyn, (1971). *Costumes of India*, Delhi: Oxford & IBH Publishing Co.

2. Das S.N. (1956). *Costumes of India and Pakistan*, Bombay: DB Tara porevala Sons and co.

3. Dr.Bhatnagar, P. (2004). Traditional Indian and textiles, Chandigarh: Published by Abishek Publications.

4. Dhamija, J. & Jyotindra, J. (2002). Hand woven fabrics of India, Ahmadabad: Mapin Publishing Pvt. Ltd.

5. Laver, J. & Cancise, P. (2002).Costume and fashion, London: History Published by Thames and Hudson.

6. Shailaja D. & Naik, D. (2020). Traditional embroideries of India, South Asia: A.P.H. Publishing Corporation.

7. Sodhia, M. (2000). History of fashion, New Delhi: Kalyani Publishers.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://www.youtube.com/watch?v=7HXVXieq7pM

2. https://www.craftsvilla.com/blog/famous-indian-embroidery-styles

3. https://www.culturalindia.net/jewellery/types/meenakari.html

Course Code 24UCFC51	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	2	3	3	-	2	3	2	-	1
CO2	3	2	3	3	-	2	3	2	-	1
CO3	3	1	3	3	-	2	3	3	-	2
CO4	3	1	3	3	1	2	3	3	-	2
CO5	3	1	3	3	1	2	3	3	-	2

Strong (3) Medium (2)Low(1)

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Head of the Department   **Course Designer**

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B.Sc. Costume Design and Fashion
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Semester V		Hours/Week:6	
Core Course-10	**GARMENT QUALITY AND COST CONTROL**	Credits:6	
Course Code **24UCFC52**		Internal 25	External75

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: recall the evaluation, concepts, scope, functions and elements of garment quality and cost control along with various quality management systems and specifications. [K1]

CO2: explain the types, benefits and implications of quality assurance, cost control measures and industry standards, along with their impact on garment production systems and specifications. [K2]

CO3: describe the quality assessment methods, production analysis and cost optimization strategies to enhance efficiency in garment manufacturing process. [K2]

CO4: find out the techniques of quality control management, measures of cost control and industry standards along with their impact on garment production systems and specifications. [K3]

CO5: make use of the standards of quality control, specifications of cost categories of apparel manufacturing and the implementation of quality and environmental management system. [K3]

UNIT I Quality Control and its Standards

Definition and Scope of quality control – establishing merchandising standards- establishing raw material quality control specifications – quality control of raw material. Establishing processing quality specification – quality control inspection procedures for processing- quality control of finished garments – quality control for packaging, warehousing and shipping – statistical quality control- sampling plans –Industry-wide quality standards.   (18 Hours)

UNIT II   Functions of Production Control

Function of production control – Production analysis – Quality specifications –quantitative specifications – Basic production systems– whole garment, departmental whole garment, subassembly systems and progressive bundle systems, Principles for choosing a production system – Evaluating production systems.   (18 Hours)

UNIT III Functions of Cost Control

Functions of cost control, types of costs and expenses – Apparel manufacturing cost categories – sales cost control, purchasing cost control, production cost control, administration cost control –cost ration policies – the manufacturing budget –cash flow controls – standard cost sheet, break-even– charts.   (18 Hours)

UNIT IV Quality Management

Quality – evolution of quality management – quality function and quality planning – basic concepts of total quality management (TQM) – principles of TQM – quality trilogy –four pillars of TQM – PDCA cycle & PDSA cycle – Kaizan concept –5"SPhilosophy – quality circles.
                                     (18 Hours)

UNIT V Environmental Management System

Environmental Management System (EMS) – Meaning & Definition–Elements of EMS – Benefits of EMS – Environmental Policies – Implementation of ISO14000 – study on other management system: SA 8000, OHSAS 18000 and WRAP.   (18 Hours)

TEXT BOOKS

1. Solinger, Jacob, (1961). *Apparel Manufacturing Analysis,* New York: Textiles books Publishers.

2. Pradip V Mehta, Sathish K Bhardwaj, (1998).*Managing Quality in The Apparel Industry,* India: New Age International Publication.

REFERENCE BOOKS

1. Solinger, Jacob, (1988). *Apparel manufacturing hand book, analysis Principles and Practice,* Columbia: media corp,

2. J.M.Juran, (1988). *Quality Control Handbook,* US: McGraw-Hill Education publications.

3. Basker S, (2017).*Total Quality Management,* Kumbakonam: Anuradha Publications.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://textilelearner.blogspot.com/2011/08/quality-control-system-in-garments_2589.html
2. https://www.fibre2fashion.com/industry-article/3055/quality-systems-for-garment-

3. https://onlinegarmentsacademy.blogspot.com/2019/07/quality-control-of-apparel-industry.html
4. https://www.sciencedirect.com/science/article/pii/B9781782422327000163
5. https://www.textileschool.com/488/quality-control-in-garment-manufacturing/

Course Code 24UCFC52	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	3	3	-	-	-	-	-
CO2	3	3	3	3	3	-	-	-	-	-
CO3	3	3	3	3	3	-	1	-	-	-
CO4	3	3	3	3	3	-	2	-	3	-
CO5	3	3	3	3	3	-	3	-	3	3

Strong (3) Medium (2)Low(1)

Mrs.J.Athirstam   Mrs.J.Athirstam

Head of the Department   **Course Designer**

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VIRUDHUNAGAR

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Semester V		Hours/Week:5	
Core Course-11 Practical - III	**GARMENT CONSTRUCTION - ADULT WEAR PRACTICAL**	Credits:3	
Course Code **24UCFC51P**		Internal 40	External 60

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: understand the drafting method used to develop garment patterns for both men's and

women's wear. [K2]

CO2: explain the construction procedure for the designed men's and women's attire. [K2]

CO3: select and utilize the appropriate tools, fabrics and sewing techniques for constructing various

adult wear. [K3]

CO4: calculate cost for the constructed adult wear garment. [K3]

CO5: prepare record and draft the procedures needed for making adult wear. [K3]

1. **Design, draft and construct the following garments for a woman (Minimum 4 garments)**

   - Saree Petticoat

   - Salwar

   - Kameez

   - Wrap around skirt and tops.

   - Nightie

   - Blouse

Design, draft and construct the following garments for a man (Minimum 3 garments)

   - Bermudas
   - T Shirt
   - Nehru Kurta
   - Pyjama
   - Slack Shirt
   - Trousers

TEXT BOOKS

1. Mathews, M. (1986). Practical Clothing Construction, – Part I and II. Chennai: Cosmic Press.

2. Zarapkar, S. K. (2011). Zarapkar system of cutting, India: Navneet Publications Ltd.

REFERENCE BOOKS

1. Gayatri Verma, Kapil Dev, (2019). *Cutting and sewing theory*, India: Computech Publication Ltd,

2. Martin M.Shoben and Janet P.Ward, Rout ledge, (2011). *Pattern cutting and making up, the professional approach,* Revised edition, London and New York: Tay lor and Francis Group,

3. Alison Smith. (2021). The dressmaking book, UK: DK publications.

4. Joseph Armstrong, H. (2013). Pattern drafting for fashion design, 5thedition. India: Pearson Education.

5. . Wendy Ward (2014). The beginner's guide to dress making, United Kingdom: David & Charles.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827

2. https://www.youtube.com/watch?v=FsD-Pc9WPm0

3. https://www.youtube.com/watch?v=rJf5Jlpt8j4

Course Code 24UCFC51P	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	2	3	3	3	3	3	2	-
CO2	3	3	2	3	3	3	3	3	2	-
CO3	3	3	2	3	3	3	3	3	3	-
CO4	3	3	3	3	3	3	3	3	3	1
CO5	3	3	3	3	3	3	3	3	3	1

Strong (3) Medium (2) Low(1)

Mrs.J.Athirstam   Mrs.J.Athirstam

Head of the Department   **Course Designer**

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VIRUDHUNAGAR
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B.Sc. Costume Design and Fashion
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Semester V		Hours/Week:1
Core Course-12 Project	**PROJECT**	Credits:1
Course Code **24UCFC54PR**		Internal - 100

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: understand and identify innovative ideas in textiles and fashion to formulate project work objectives. [K2]

CO2: apply the learned concepts and write the methodology for the project and collect data. [K3]

CO3: make use of the technical skills and write the report for the developed products. [K3]

CO4: utilize analytical skills to interpret research results and derive meaningful conclusions. [K3]

CO5: critically evaluate and defend project findings through structured reporting and viva voce [K4]

Students are expected to select a project in the field of Textiles and fashion. Two students can do one project. Minimum pages for project report should be 20 pages. Two typed copies of the report on the completed project will be submitted to the Controller of Examination through the Head of the Department in the month of November during V semester. Evaluation will be done internally.

Mode of Evaluation	Marks
Project work and report	60
Presentation and Viva-Voce	40

Course Code 24UCFC54PR	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	2	3	2	2	3	-	1
CO2	3	3	3	3	3	2	2	3	-	1
CO3	2	2	3	3	3	2	2	3	-	1
CO4	2	2	3	3	3	2	2	3	-	1
CO5	2	2	3	3	3	2	2	3	-	1

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam

Head of the Department

Mrs.J.Athirstam

Course Designer

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Semester V		Hours/Week:5	
Elective Course DSEC-1	**MARKETING AND MERCHANDISING**	Credits:4	
Course Code **24UCFE51**		Internal 25	External75

COURSE OUTCOMES
On completion of the course, students will be able to

CO1: identify the scope, objectives, concepts and elements of fashion marketing, fashion products, consumer behaviors, marketing communication, research and forecasting, merchandising and store management. [K1]

CO2: explain the types and functions of marketing, merchandising, consumer decision making process, marketing communication strategies, and visual display techniques in store layouts. [K2]

CO3: describe the importance, structure and qualities of marketing, fashion products, consumer segmentation, research methods and store management in merchandising. [K2]

CO4: Find out the role and qualities of a merchandiser and apply knowledge of the marketing mix, packaging, consumer preference, merchandise percentage, product range planning and forecasting to develop merchandising strategies. [K3]

CO5: utilize marketing principles, consumer analysis trend forecasting, merchandising techniques and store management to design an effective marketing and merchandising plan for a fashion retail business. [K3]

UNIT I Introduction to Marketing

Marketing – meaning, marketing management philosophies, marketing and fashion marketing, the fashion market – structure and size. Marketing environment – micro and macro marketing. Marketing mix – product, price, promotion and place; marketing functions – assembling, standardization and packaging; digital marketing – meaning, scope and advantages.

(15 Hours)

UNIT II Fashion Products and the Consumer

Marketing fashion products – importance and classification of products; the product mix and range planning; the fashion product life cycle; Fashion Consumer - Role of consumer behavior in marketing, types of consumer decisions, the decision process, factors that influence decisions – consumer attitudes, consumer motivation, Consumer personality, opinion leadership, family and social status. (15 Hours)

UNIT III Marketing Communication, Research and Forecasting

Fashion marketing communications – traditional approach and integrated approach Fashion marketing research – purpose and significance, stages in there search process Fashion forecasting – meaning and importance, basics of predicting trends – colour , theme, shape, key events, target market; trend forecasting process (15 Hours)

UNIT IV Types of Merchandisers

Merchandiser – essential qualities of a merchandiser; types and functions of merchandisers - fashion merchandiser, visual merchandiser, export merchandiser and retail merchandiser; visual merchandising – elements of visual merchandising – Needs – psychology – types of display; elements of display. (15 Hours)

UNIT V Store Management in Merchandising

Store management in merchandising- introduction, objectives, types of stores, location of a store, store layout, types of store layouts, store space allocation. Store design- introduction, concept of store design, Exterior of a store, Interior of a store, merchandise presentation - tools and techniques

(15 Hours)

TEXT BOOKS

1. Mike Easey, *Fashion Marketing*, (2009). United Kingdom: Wiley-Black well Publishing.
2. Mary G. Wolfe, (2017). *Fashion Marketing and Merchandising*, UK: 5th edition, The Good heart- Will cox Co., Inc, Illinois,
3. Gini Stephens Frings, (1999). *Fashion–From concept to consumer,* India: Prentice Hall
4. V. Ramesh and A. Arun raj Babu, (2019). *Fashion Marketing Management*, India: Wood head Publishing,
5. Goworek, H. (2006). Careers in Fashion and Textiles, New Delhi: Blackwell Publishing.

REFERENCE BOOKS

1. Philip Kotler, Veronica Wong, John Saunders,(2008). *Marketing,* India: Pearson Education.
2. Gini Stephens Frings, (2014). *Fashion -from Concept to Consumer*, 9th Edition, Pearson Education Ltd, Harlow,
3. Janet Bogdano vicand Liz Clamp, (1994). *Fashion Marketing,* London; New York: Rout ledge,
4. Anurag, S. Bhalla, S. (2010). Visual Merchandising, New Delhi: Tata McGraw Hill Education Private Limited.
5. Davis Burns Bryant, L. (2002). The Business of Fashion, New York: Fair Child Publications.
6. Frings, G. S., (2008). Fashion from Concept to Consumer, 7 th Edition. India: Dorling Kindersley Publishing Inc.
7. Haroldcars and Pomeroy, J. (1992). Fashion Design and Product Development, Cambridge: Black Well Science.
8. Mike Easey, (2009). Fashion Marketing, 3 rd Edition. United Kingdom: WileyBlackwell Publication.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://www.iknockfashion.com/need-of-trend-forecasting/
2. http://www.createafashionbrand.com/the-5-basics-of-trend-prediction/

3. https://www.fibre2fashion.com/industry-article/7054/decoding-the-process-of-trend-forecasting-in-fashion
4. https://textilelearner.blogspot.com/2013/10/role-of-merchandiser-in-apparel-industry.html
5. https://clothingindustry.blogspot.com/2017/12/merchandiser-merchandising-garment.html
6. https://blog.hubspot.com/marketing/what-is-digital-marketing

Course Code 24UCFE51	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	3	3	-	-	-	2	1
CO2	3	3	3	3	3	-	-	-	2	1
CO3	3	3	3	3	3	-	-	-	2	1
CO4	3	3	3	3	3	-	2	1	2	3
CO5	3	3	3	3	3	-	2	1	2	3

Strong (3) Medium (2)Low(1)

Mrs.J.Athirstam   Ms.L.Devimuthumari

Head of the Department   **Course Designer**

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Semester V		Hours/Week:5	
Elective Course DSEC-1	**APPAREL BRAND MANAGEMENT**	Credits:4	
Course Code **24UCFE52**		Internal 25	External75

COURSE OUTCOMES
On completion of the course, students will be able to

CO1: recall the concepts, evolution, elements and functions of branding, brand positioning, brand appraisal, brand identity and brand measurements in the appraisal industry. [K1]

CO2: explain the significance, types, and strategies of branding, brand positioning, labeling and licensing as well as the needs and methods of band appraisal, names and measurements in apparel management. [K2]

CO3: describe the processes and factors involved in brand positioning, brand identity extension and intellectual property considerations in apparel brand management. [K2]

CO4: apply branding strategies, brand positioning techniques, brand appraisal methods, brand extension principles and measurement techniques to enhance apparel brand management. [K3]

CO5: implement branding concepts, repositioning methods, international branding strategies, brand licensing and brand management practices in the apparel industry. [K3]

UNIT I Significance of Branding

Brand–definition, evolution, functions, brand significance; branding – types and strategies international apparel brands - identification of perspectives and challenges to build brand - Indian garment brand sand prospects of Indian brands Indian garment brand sand prospects of Indian brands.   (15 Hours)

UNIT II Brand Positioning

Importance of branding positioning –basic branding concepts – brand image, brand identity, brand equity and brand personality – meaning and definition, types, elements; brand

ambassadors - celebrity branding; brand loyalty; product Vs corporate branding: major branding decisions. Positioning strategies of international garment retailers. (15 Hours)

UNIT III Brand Appraisal

Brand appraisal –definition and methods -exploration, market, customer, competition analysis, reasoning of brands importance and methods involve d-laddering, emotional and rational, brand mapping–circle, prism and triangle (15 Hours)

UNIT IV Brand Repositioning

Brand Identity and Extension: Brand identity and articulation – name, colour, design, logo and symbols, brand service advertising and cross-cultural influence; brand extension–need and types; Advantages and Disadvantages; labelling and licensing of apparel products –types, license agreement, and international property rights; need for developing brand names and labels for apparel manufactured and exported from India. (15 Hours)

UNIT V Brand Measurement

Brand measurement - definition, need and methods –audit, track, brand overtime – managing brand image-need, concepts of management, forces affecting brand and maintenance of brand, Study on Brands and brand management of Indian Garment. (15 Hours)

TEXT BOOKS

1. Niraj. Kumar, (2015). *Brand Management: Texts and Cases,* India: Himalaya Publishing House.

REFERENCE BOOKS

1. Harsh VVerma, (2010). *Brand Management*, New Delhi: Excel books,

2. Mathur U.C., (2006). *Brand Management Text and Cases,* India: Macmillan Ltd.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://www.tutorialspoint.com/brand_management

2. https://www.managementstudyguide.com/brand-management.htm

Course Code 24UCFE52	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	3	3	-	-	2	-	-
CO2	3	3	3	3	3	-	-	2	-	-
CO3	3	3	3	3	3	-	-	3	-	-
CO4	3	3	3	3	3	-	1	3	1	1
CO5	3	3	3	3	3	-	1	3	1	1

Strong (3) Medium (2)Low(1)

Mrs.J.Athirstam   Ms.L.Devimuthumari

Head of the Department   **Course Designer**

V.V.VANNIAPERUMAL COLLEGE FOR WOMEN

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VIRUDHUNAGAR

Quality Education with Wisdom and Values

B.Sc. Costume Design and Fashion
(2024-2025 onwards)

Semester V	**ECO DYEING AND PRINTING PRACTICAL**	Hours/Week:5	
Elective Course DSEC -2 Practical - I		Credits:3	
Course Code **24UCFE53P**		Internal 40	External 60

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: explain the types of flowers, leaves, fruits and vegetables used in natural dyeing and printing [K2]

CO2: describe the process of obtaining colours from natural sources and the techniques used in eco dyeing and printing. [K2]

CO3: demonstrate the methods of dyeing and printing the fabric using flowers, leaves and natural colours.[K3]

CO4 execute the eco - printing process and calculate cost for the dyed and printed fabrics using flowers, leaves, fruits and rust. [K3]

CO5: prepare record and samples for the eco- dyed and printed fabrics incorporating sustainable practices. [K3]

1.Create a garment / home textile with a natural dye derived from the following
- Flower (2 types)
- Leaf (2 types)
- Fruits / Vegetables (Do not use edible parts only waste)

2.Create a garment/ home textile with Eco Prints derived from the following
- Flower
- Leaf
- Fruits / Vegetables (Do not use edible parts only waste)
- Rust

TEXT BOOK

1. Eco Printing for Beginners: Guide To Eco Printing, Steps, Tips, Eco Printing Methods And More, Brett Ethan, 2022

REFERENCE BOOKS

1. Eco Printing 101: Beginners Guide To Eco Printing, Basics, Steps, Tips And Many More, Connor Jace, 2022

    Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

    1. https://mochni.com/eco-prints-learn-the-process-of-all-natural-eco-printing/

    2. https://www.fiberartsy.com/eco-printing-fabric/

    3. https://naturalfabricdyeing.com/wp-content/uploads/2017/08/All-Eco-PrintingTechniques.pdf

Course Code 24UCFE53P	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	3	3	2	3	-	3	-
CO2	3	3	3	3	3	2	3	-	3	-
CO3	3	3	3	3	3	2	3	3	3	-
CO4	3	3	3	3	3	2	3	3	3	2
CO5	3	3	3	3	3	2	3	3	3	2

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Mrs.J.Athirstam

Head of the Department   **Course Designer**

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(2024-2025 onwards)

Semester V	**COUTURE DESIGN DEVELOPMENT PRACTICAL**	Hours/Week:5	
Elective Course DSEC - 2 Practical - I		Credits:4	
Course Code **24UCFE54P**		Internal 40	External 60

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: understand recent trends in prints, patterns and textures used in traditional, bridal wear and

    party wear with couture designs. [K2]

CO2: interpret silhouette and garment component modifications and applications of cut - make-

    trim relevant to contemporary couture fashion.[K2]

CO3: apply the mood board, story board, theme board, colour board and design process for the

    product development. [K3]

CO4: identify the stitching procedure and calculate cost for the developed designer wear. [K3]

CO5: prepare record for the constructed designer wear according to the selected theme. [K3]

Design Development for traditional, party wear and bridal wear segments.

PART A

- Recent printer search

- Repeated pattern and types

- Texture variations

PART B (Sketches only)
- Silhouette modifications

- Study on various garment component modifications

- Application of cut-make-trim for the new modern trends

PART C (3 designs in each category)
- Study on the wedding dress-across countries. Design garments based on their

    culture.

- Fashion design for the plus size. Sketch a kurta salwar / Long skirt and top / Gownfor Indian plus size women.

- Designnered carpet – couture segments garments with high end trims and accessories.

TEXT BOOKS

1. Claire B.Schaeffe, (2001). *Couture Sewing Techniques*, US: 19thEdition, Taunton Press.

2. Lynda Maynard, (2010). *The Dress Making: The Hand book of Couture Sewing Techniques. Essential step-by-step Techniques for professional results*– US: 21stedition, Interweave Press.

3. Margot Arendse, (2000). *Couture Bridal wear: Pattern Layout and Design,* US: Brassey's, Publication.

REFERENCE BOOKS

1. Winifred Aldrich, (2008). *The Metric Pattern Cutting for Women's Wear*– Australia: 5thEdition, Black Well Publishers.

2. Bane, A., (1966). *Creative Clothing Construction,* New York: Mc Graw-Hill Book,

3. **Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

   https://www.careeraddict.com/become-wedding-dress-designer

Course Code 24UCFE54P	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	3	3	3	3	3	3	-
CO2	3	3	3	3	3	3	3	3	3	-
CO3	3	3	3	3	3	3	3	3	3	-
CO4	3	3	3	3	3	3	3	3	3	2
CO5	3	3	3	3	3	3	3	3	3	2

Strong (3) Medium (2)Low(1)

Mrs.J.Athirstam   Ms.S.Betsy Sherin

Head of the Department   **Course Designer**

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B.Sc. Costume Design and Fashion
(2024-2025 onwards)

Semester V		Hours/Week: 0
PART - IV	**INTERNSHIP**	Credits:1
Course Code **24UCFI51**		Internal: 100

COURSE OUTCOMES
On completion of the Internship students will be able to

CO1: understand and connect theoretical insights with hands - on experience in an internship or

Industrial Training. [K2]

CO2: develop technical skills to their respective field of study. [K3]

CO3: demonstrate the attributes such as observational skills, team spirit and inter personal skills built

through site visits. [K3]

CO4: exhibit the written communication skills acquired through internship/field project. [K3]

CO5: analyze the observations and results and communicate their academic and technological

knowledge appropriately oral means. [K4]

Guidelines/ Regulations
❖ Each student must go for Internship training in a reputed Industry / Company / Organization/ Educational Institution.

❖ Students should produce the completion certificate after the completion of Internship period.

❖ A report of 10-15 pages must be submitted by each student after the completion of the Internship period.

❖ Internal Viva-voce examination will be conducted.

❖ Students with diverse disabilities must complete a 10 day internship programme at their preferred places.

Course Code 24UCFI51	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	2	2	2	2	3	-
CO2	3	2	2	2	2	3	-
CO3	3	2	-	-	-	3	-
CO4	3	3	2	2	-	2	3
CO5	3	2	3	3	2	-	-

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Mrs.L.Devimuthumari
Head of the Department   Course Designer

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B.Sc. Costume Design and Fashion
(2024-2025 onwards)

Semester V		Hours/Week:0
Extra Credit Course-(Self- Study Course)	**KNITTING**	Credits:2
Course Code **24UCFO51**		Internal 100

COURSE OUTCOMES
On completion of the students will be able to

CO1: explain the fundamental concepts, history, sequence characteristics and overview of various knitting technology followed in knitting industry and market.

CO2: describe the principles, types and functions of machineries used in knitting and the significance of knit wear in Tirupur.

CO3: illustrate the process and techniques of various knitting and their applications and growth and development of knit industry in India.

CO4: apply the knitting techniques, fabric care and quality control methods involved in weft and warp knitting, seamless knitting and the present and future trends of dyeing in knit wear market.

CO5: utilize the process sequence of knitting technology to assess machine selection, stitch variations, knitting applications and analyze the maintenance, defects and finishing process to enhance fabric quality as followed in the textile industry.

UNIT I Knitting Overview

Knitting – Definition, classification and history, characteristics of knitted goods. General terms and principles of knitting technology, machine knitting, parts of machine, knitted loop structure, stitch density.

UNIT II Principles of Weft Knitting Technology

Weft knitting – classification-circular rib knitting machine, purl, interlock, jacquard- single jersey machine- basic knitting elements- types and functions – knitting cycle, CAM– system - 3- way technique to develop design - knit, tuck, miss-effect of stitches on fabric properties.

UNIT III Principles of Warp Knitting Technology

Warp knitting - lapping variations-tricot, raschel, simplex and milanese - kitten raschel – single bar, 2 bar, multi bar machines. Types of threading, production of nets, curtains, heavy fabrics, elasticized fabrics.

UNIT IV Seamless Knitting and Knitting Care

Seamless Knitting – Applications, advantages, and limitations. Care and maintenance of knitted material - washing, drying, ironing, storing. Common defects that occur in knitted fabric production.

UNIT V Knitting Industry and market

Knitting Industry in India –growth and development. Significance of knit wear industry in Tirupur. Knit wear market–Present and future trends. Dyeing of knit fabric.

TEXT BOOKS

1. Anbumani, (2006). *Knitting Manufacture Technology*, Chennai:New Age International Publication.
2. Anbumani, *(*2005). *Knitting and Apparel Technology,* Chennai: S.S.M.I.T Co-operative Society.

REFERENCE BOOKS

1. DB Ajgaonker (1998). *Knitting Technology,* Bombay: Universal Publishing Corporation,
2. Wilkens, C.,Heusenstam M, (1995.)*Warp knit fabric constructionfrom stitch formation to stitch construction, ,* Germany: U.WilkensVerlag Publication.
3. Samuel.R,(1991). *Flat Knitting,* Germany: Meisenbach Bamberg Publication.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://fashion2apparel.blogspot.com/2017/02/seamless-garments-advantages.html
2. https://www.indiaretailing.com/2018/06/12/fashion/indian-knitwear-market-present-and-the-future-trends/
3. https://www.fibre2fashion.com/industry-article/64/overview-of-tirupur-knitwear-industry
4. https://www.fibre2fashion.com/industry-article/7047/seamless-garment-technology
5. https://www.fibre2fashion.com/industry-article/7047/seamless-garment-technology

Mrs.J.Athirstam   Mrs. L.Devimuthumari
Head of the Department   **Course Designer**

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VIRUDHUNAGAR

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B.Sc. Costume Design and Fashion

(2024-2025 onwards)

Semester VI	THE BUSINESS OF FASHION	Hours/Week:6	
Core Course-13		Credits:5	
Course Code **24UCFC61**		Internal 25	External 75

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: recall the concepts, scope and functions of fashion along with the major world fashion centers, designers influencing global trends and the significances of sustainable fashion. [K1]

CO2: classify the types of fashion designers, fashion centers, fashion shows, stores and describe the impact of sustainable fashion. [K2]

CO3: describe the process, importance and methods of setting prices for fashion product development, sales promotion and strategies for effective marketing along with environmental concerns related to fashion. [K2]

CO4: apply the principles of fashion evaluation, designer influences, product promotion, retail strategies and sustainable fashion to develop innovative and market – driven fashion solution. [K3]

CO5: develop strategic solutions for the changing fashion industry by evaluating factors influencing fashion, analyzing pricing and sales techniques and promoting eco-friendly through sustainable fashion. [K3]

UNIT I World of Fashion – An Overview

Factors influencing fashion changes – Accelerating and Decelerating factors Understanding Fashion designer – types – classicist, idealist, influenced, realist, thinking poet. Minimalists, Village India, Studio line. World Fashion Centers – Milan, Paris, London and New York.   (18 Hours)

UNIT II Legendary Fashion Designers

Study of international fashion designers of the world – Yves Saint Laurent, Valentino,

Pierre Cardin, Ralph Lauren, Karl Lager field, Donna Karen, Georgio Armani, Coco Chanel, Calvin Klien, Christian Dior. An overview of Indian Fashion Designers –Manish Malhotra, Manish Arora, Ritu Beri,Tarun Tahiliani, Rohit Bal, Wendell Rodricks, JJValaya.   (18Hours)

UNIT III Fashion Products and Promotion

The fashion industry and new product development; product mix and range planning. Fashion and seasons. Fashion promotion –Fashion communication; fashion advertising and publicity; personal Selling –importance and steps involved; Fashion Shows – types and steps involved in organizing a show; Sales promotion methods / strategies.   (18Hours)

UNIT IV Fashion Retailing

Fashion retailing – scope and functions, types of stores, challenges for fashion retail in India, e-retailing – growth and development, major players of fashion goods online. Pricing policies and strategies for apparel products, functions and factors Influencing pricing, pricing strategies for new products, methods of setting prices.   (18Hours)

UNIT V Sustainable Fashion

Sustainable Fashion–meaning and significance; environmental concerns related to fashion; linear fashion and circular fashion; 4R's in sustainability – repair, recycle, reuse and reduce. Moving towards sustainable fashion - eco fashion, slow fashion; environmental impact of fast fashion.   (18Hours)

TEXT BOOKS

1.Drakeet-al, (1992). *Retail Fashion: Promotion and Advertising,* New York: Macmillan Publication Company.

2. Gini Stephens Frings, (1999). *Fashion–From Concept to Consumer*, *United State* 6 th Edition, Prentice Hall,

3. Davis, J. (2009). A Complete Guide to Fashion Designing. 1 st Edition. Abhishek Publication, Chandigarh.

REFERENCE BOOKS

1. Leslie Davis Burnset-al, (2011).   *Business of Fashion: Designing, United State: Manufacturing and Marketing,* 4th Edition, Bloomsbury Academic publisher.

2. Frings,G.S. (2008). Fashion from Concept to Consumer, 7 th Edition. India: Dorling Kindersley Publishing Inc.

ariG,Blackwell

Publication.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://247wallst.com/special-report/2018/10/01/the-30-most-influential-fashion-designers-of- all-time/8/
2. https://www.reviewsxp.com/blog/top-fashion-designers/
3. https://en.wikipedia.org/wiki/Fashion_capital
4. https://www.fibre2fashion.com/
5. http://www.technopak.com/Files/fashion-retail-scenario-in-india.pdf
6. https://fashionunited.uk/news/fashion/re-defining-sustainability-repair-recycle-reuse-and-reduce/2016052520528
7. https://get-green-now.com/environmental-impact-fast-fashion/

Course Code 24UCFC61	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	2	2	1	-	1	1	2	-
CO2	3	3	3	3	1	-	1	1	2	-
CO3	3	3	3	3	1	-	1	1	2	-
CO4	3	3	3	3	3	-	2	2	3	3
CO5	3	3	3	3	3	-	2	2	3	3

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Ms.L.Devimuthumari

Head of the Department   **Course Designer**

84   *20th Academic Council Meeting 30.05.2025*

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B.Sc. Costume Design and Fashion
(2024-2025 onwards)

Semester VI	COMPUTER APPLICATIONS IN GARMENT INDUSTRY	Hours/Week:6	
Core Course-14		Credits:5	
Course Code **24UCFC62**		Internal 25	External 75

COURSE OUTCOMES
On completion of the course, students will be able to

CO1: show the basic concepts of computers and the peripherals in creating fabric and garment design and labeling the parts of computerized sewing machines. [K1]

CO2: illustrate the types and functions of CIM and software used for designing pattern making marker making and fabric enrichment in an apparel industry. [K2]

CO3: explain the importance of computers in textile and garment sectors, including CAD, CAM, body measurements, pattern making, grading and computerized sewing. [K2]

CO4: apply computer technology in body measurements, pattern making and grading processes to enhance garment fit and quality. [K3]

CO5: utilize computerized systems in fabric defect detection, cutting, marker planning and sewing machines to optimize the manufacturing process. [K3]

UNIT I Computers and its Peripherals

Classification of computers, computer generations, computer specification, organization of computer sections. Types of storage devices, input devices, output devices.   (18 Hours)

UNIT II Computers in Fashion Industry

Role of computers in fashion industry – Information flow – CAD, CAM, CIM, CAA, PDC – Definition and functions. Computers in production planning and production scheduling computerized colour matching system.   (18 Hours)

UNIT III Computers in Creating Fabric and Garment Designs

CAD in creating designs – Advantages. Computerized weaving, knitting and printing, creating computerized embroidery machines, garment designing with CAD – 2D and 3D forms. (18 Hours)

UNIT IV Body Measurements, Pattern Making and Grading

3D Body scanning systems, Made to measure systems, CAD in pattern making and grading – system description – information flow –Process involved in pattern making, process involved in pattern grading.   (18 Hours)

UNIT V Computers in Manufacturing Process

Computer application in fabric defect checking, laying / spreading, cutting marker planning, Labelling – Parts and functions. Computerized sewing machines.   (18 Hours)

TEXT BOOKS

1. Dr R Sheela John and Dr S Amsa mani, Shanga Verlag, (2013).*Computers in the Garment Industry*, Coimbatore: sivasalapathy Printers,

2. Gini Stephens Frings, (2007). *Fashion : From Concept to Consumer*, United State: 4th Edition –, Prentice Hall, Pearson.

3. Stott, M. (2012). Pattern cutting for clothing using CAD, United Kingdom: Wood Head Publishing.

REFERENCE BOOKS

1. PKS inha, (1992).*Computer Fundamentals,* Delhi: BPB Publications.

2.   D Tyler, (2008). *The Technology of Clothing Manufacture*, Australia: Harold Carrand Barbara Latham, Black well Ltd.

3. Jinlian Hu , (2011). *Computer Technology for Textiles and Apparel,* US: 1st edition Wood head Publishing; ELSEVIER.

4. Raj Kishore Nayakand Rajiv Padhye,(2017). *Automation in Garment Manufacturing,* Australia: Wood head Publishing.

5. Groover, M., & Zimmers, E. (2012). CAD/CAM: Computer aided design & manufacturing, India: Pearson Publications.

6.   Ibrahim Zeid, (2006). Mastering CAD/CAM, 2 nd edition. India; MC Graw hill Education.

7. Josephine Steed, & Frances Stevenson, (2012). Basics textile design 01: sourcing ideas: researching colour, surface, structure, texture and pattern paperback, India : Bloomsbury Publishing Private Limited.

8.   Melanie Bowles, Ceri Isaac, (2012). Digital textile design, 2nd edition, England: Laurence King Publishing.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://inifdahmedabad.com/blog/importance-of-cad-in-fashion-industry/

2. https://clothingindustry.blogspot.com/2018/02/application-cad-weaving.html

3. http://textilescommittee.nic.in/writereaddata/files/publication/gar4.pdf

4. https://study.com/academy/lesson/how-is-cad-cam-used-in-textiles.html

5. https://clothingindustry.blogspot.com/2018/02/importance-cad-textile-designing.html

6. https://textilelearner.blogspot.com/2012/03/computer-application-areas-in-textile.html

7. https://link.springer.com/chapter/10.1007/978-3-642-58214-1_47

Course Code 24UCFC62	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	1	2	1	3	3	3	-	-
CO2	3	3	1	2	1	3	3	3	-	-
CO3	3	3	1	2	2	3	3	3	-	-
CO4	3	3	1	2	2	3	3	3	-	-
CO5	3	3	1	2	2	3	3	3	-	-

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Ms.S.Betsy Sherin

Head of the Department   **Course Designer**

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(2024-2025 onwards)

Semester VI	**COMPUTER AIDED DESIGN II PRACTICAL**	Hours/Week:6	
Core Course-15 Practical-IV		Credits:4	
Course Code **24UCFC61P**		Internal 40	External 60

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: explain the tools and techniques needed for garment design using CAD. [K2]

CO2: understand the role of design elements and principles in creating digital garment design. [K2]

CO3: Draft and grade digital patterns for various garments using computer aided design software [K3]

CO4: develop garments suitable for different colours, seasons and occasions in creating designs by applying CAD tools. [K3]

CO5: prepare record for the designed garments with industrial standards using computer aided design software. [K3]

1. Create garment designs for the following colour harmonies

- Mono chromatic colour harmony

- Analogous colour harmony

- Complementary colour harmony

- Double complementary colour harmony

- Split Complementary colour harmony

- Triad colour harmony

- Tetrad colour harmony

- Neutral colour

2. Create garment designs for the following elements of design

- Line

- Shape

- Size

4. **Create garment designs for the following principles of design**

- Balance

- Rhythm

- Emphasis

- Proportion

- Harmony

5.Draft and grade patterns for the following garments

- Bib

- Jabla

- Salwar

- T-Shirt

6.Create garment designs for the following occasions

- Party wear

- Casual wear

- Wedding collection

- Sportswear (any sports)

TEXT BOOKS

1. Patrick John Ireland *(*1982). *Fashion Design Drawing & Presentation,* London, United States: Pavilion Books,

2. Patrick JohnI reland, (1979). *Drawing and Designing Children's and Teenage Fashions*, New York: Wiley Publication.

3. Patrick John Ireland, (1996). *Fashion Design Illustration: Men,* London: B.T.Bats ford Books.

REFERENCE BOOKS

1. Bina Abling, (2007). *Fashion Sketch Book,* New York: Fair child Books.

2. Julian Seaman, (2001). *Foundation in fashion design and Illustration,* , London,: B.T. Bats ford Books.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://www.youtube.com/watch?v=jTWtQNTJt_A

2. https://www.youtube.com/watch?v=iX7O4fNQijA

3. https://www.youtube.com/watch?v=nWCNuSBc1Y0

4. https://www.youtube.com/watch?v=x8BsIME4gi4

5. https://www.youtube.com/watch?v=LMZPbT1msR0

Course Code 24UCFC61P	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	3	3	3	3	3	1	-
CO2	3	3	3	3	3	3	3	3	1	-
CO3	3	3	3	3	3	3	3	3	1	-
CO4	3	3	3	3	3	3	3	3	1	-
CO5	3	3	3	3	3	3	3	3	1	-

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Ms.L.Devimuthumari

Head of the Department   **Course Designer**

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Semester VI		Hours/Week:5	
Elective Course DSEC-3	**ENTREPRENEURSHIP DEVELOPMENT**	Credits:4	
Course Code **24UCFE61**		Internal 25	External 75

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: recall the concepts, nature, characteristics of entrepreneurship, project identification process, institutional support systems, financial assistance and various incentives and subsidies available for entrepreneurs. [K1]

CO2: explain the significance and types of entrepreneurship phases and project development, the role of institutions in supporting entrepreneurs, sources of finance and taxation benefits for small scale industries. [K2]

CO3: describe the functions of entrepreneurship process, project formulation and feasibility analysis, institutional support mechanisms, financial and schemes and government incentives for entrepreneurship. [K2]

CO4: apply the knowledge of entrepreneurship principles, project selection, institutional support and financial planning to develop a valuable business plan. [K3]

CO5: utilize institutional resources, financial support and government incentives to establish, sustain and expand an entrepreneurial. [K3]

UNIT I   Context of Entrepreneurship

Concept of entrepreneurship: definition nature and characteristics of entrepreneurship-functions and types of entrepreneurship phases of EDP. Development of women entrepreneur and rural entrepreneur - including self-employment of women council scheme. (15 Hours)

UNIT II   Project

The Start–up process, project identification–selection of the product–project formulation evaluation –feasibility analysis, project report. (15 Hours)

UNIT III Institutions supporting to Entrepreneur

Institutions supporting to entrepreneur–DIC, SIDO, NSIC, SISI, SSIC, SIDCO, ITCOT, IIC, KUIC and commercial Bank. (15 Hours)

UNIT IV Institutional finance to entrepreneur

Institutional finance to entrepreneur–IFCI, SFC, IDBI, ICICI, TIIC, SIDCS, LIC and GIC, UTI, SIPCOT–SIDBI and commercial Bank venture capitals. (15 Hours)

UNIT V Incentives and subsidies

Incentives and subsidies – Subsidised Services – Subsidy for market. Transport–seed capital assistance –Taxation benefit to SSI –role of Entrepreneur in export promotion and import substitution. (15 Hours)

TEXT BOOKS

1. C.B.Guptaand N.P.Srinivasan , (2020).*Entrepreneurial Development*, New Delhi: Sultan Chand & Sons.

2. Renu Aroraand S. K I.Sood, (2015).*Fundamentals of Entrepreneurship and small Business*, India: Kalyani Publishers,

3. S.S.Khanka,(2006). *Entrepreneurial Development,* Chennai: S.Chand Publishing,

REFERENCE BOOKS

1. P.Saravanavel &P.Sumathi,(2020). *Entrepreneurial Development, Chennai:* Margham Publications.

2. S.G.Bhanushali,(1987). *Entrepreneurial Development,* Bombay: Himalaya Publishing House,

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://lonelyentrepreneur.com/types-of-entrepreneurs/

2. http://www.simplynotes.in/e-notes/mbabba/entrepreneurship-development/

Course Code 24UCFE61	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	3	2	1	2	2	3	-
CO2	3	3	3	3	2	1	2	2	3	-
CO3	3	3	3	3	2	1	2	2	3	-
CO4	3	3	3	3	3	1	3	2	3	2
CO5	3	3	3	3	3	1	3	2	3	2

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Mrs.J.Athirstam

Head of the Department   **Course Designer**

V.V.VANNIAPERUMAL COLLEGE FOR WOMEN
(Belonging to Virudhunagar Hindu Nadars)
An Autonomous Institution Affiliated to Madurai Kamaraj University, Madurai
Reaccredited with 'A++' Grade (4th Cycle) by NAAC
VIRUDHUNAGAR
Quality Education with Wisdom and Values

B.Sc. Costume Design and Fashion
(2024-2025 onwards)

Semester VI	ORGANISATION OF GARMENT UNIT	Hours/Week:5	
Elective Course DSEC-3		Credits:4	
Course Code **24UCFE62**		Internal 25	External 75

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: state the fundamental concepts of entrepreneurship, management processes organizational

structure, factory designs, principles of costing and garment export   procedures. [K1]

CO2: explain the role of various departments in a garment unit, the importance of factory

design, layout and the financial planning for garment exports and the types of buildings

and entrepreneurs.   [K2]

CO3: describe the functions of managements, the impact of factory layout on production

efficiency, costing system, cost estimation methods and export documentation. [K2]

CO4: apply knowledge of organizational structure, factory layout and costing principles to

optimize production efficiency in a garment unit. [K3]

CO5: utilize SWOC analysis and export documentation knowledge to set up and manage a

garment export unit effectively. [K3]

UNIT I Entrepreneur and Management

Entrepreneur-Meaning, definition and types, need for Entrepreneurs, qualities, and role of Entrepreneur. Management–Definition. Management as a process– Planning, organizing, Directing, Controlling and Co Ordination. Difference between Entrepreneur and Manager.   (15 Hours)

UNIT II Organizational Structure of a Garment Unit

Organizational structure of a garment unit, design department, finance department, purchasing department, Production department, organizing different sections– Hierarchy Personnel involved in all the departments, nature of the job. Role of HR in apparel industry.   (15 Hours)

UNIT III   Factory Design and Layout

Factory design and layout – importance of factory design, factors affecting factory design, types of buildings (single and Multi-Storey) –advantages and limitation. Factory layout– process, product and combined layout design requirement–requirements relating to health, safety and welfare. Balancing – steps to balance the line – Initial balance – Balance control – Efficiency – Cycle checks- Balancing tools.   (15 Hours)

UNIT IV   Principles of Costing

Principles of costing-requirement of good costing system. Cost estimation of yarn and fabric. Cost estimation for dyeing, printing, embroidery, cutting, stitching, checking, packing, final inspection, shipping and insurance.   (15 Hours)

UNIT V Garment Export Unit

Performance of Indian Garment Export and Institutions supporting Entrepreneurs, SWOC Analysis Setting up of garment unit for export market, Export Document, Export finance-Payment method, Export shipping. Institutions supporting entrepreneurs-DIC, NSIC, SISI, SIPCOT, TII, KVIC, CODISSIA, Commercial banks –SBI.   (15 Hours)

TEXT BOOKS

1. AJ Chester, Ltd, (1998). *Introduction to Clothing Production Management,* New Delhi: 2nd Edition, Wrenbury Associates.

2. Harold Carrand Barbara Latham, *(*1994). *The technology of clothing manufacture,* London: Black well Science.

3. Krishnakumar. *Apparel Costing, A functional Approach*, (2011). Chandigarh: M,Abishek Publications.

REFERENCE BOOKS

1. Dinakar Pagare, (2018). *Principles of Management,* Delhi:Sultan Chand and Sons Publication.

2. Dr. C. B Gupta, Dr N. P. Srinivasan*, (*1997). *Entrepreneurship Development in India,* Delhi: Sultan Chand and Sons.

3. V. Ramesh Babu,(2012). *Industrial Engineering in Apparel Production,* India: Wood Head Publishing India in Textiles.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://lonelyentrepreneur.com/types-of-entrepreneurs/

2. https://textilecourse.blogspot.com/2019/02/plant-layout-textile-garment-industry.html

3. https://www.fibre2fashion.com/industry-article/7665/the-organisation-of-a-clothing-factory

4. https://apparelcosting.blogspot.com/2017/05/apparel-costing-principles.html

5. https://www.onlineclothingstudy.com/2019/04/how-to-start-garment-business.html

Course Code 24UCFE62	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	3	2	-	-	-	3	-
CO2	3	3	3	3	2	-	-	-	3	-
CO3	3	3	3	3	2	-	-	-	3	-
CO4	3	3	3	3	3	1	1	1	3	2
CO5	3	3	3	3	3	1	1	1	3	2

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Mrs.J.Athirstam
Head of the Department   **Course Designer**

V.V.VANNIAPERUMAL COLLEGE FOR WOMEN

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VIRUDHUNAGAR

Quality Education with Wisdom and Values

B.Sc. Costume Design and Fashion

(2024-2025 onwards)

Semester VI		Hours/Week:5	
Elective Course DSEC – 4 Practical -II	**DESIGN PROCESS AND PRODUCT DEVELOPMENT PRACTICAL**	Credits:3	
Course Code **24UCFE63P**		Internal 40	External 60

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: Illustrate models for ready to wear outfit and haute couture garments. [K2]

CO2: trace the paper pattern for the designer wear. [K2]

CO3: Construct the designer wear according to the selected theme. [K3]

CO4: identify the stitching procedure and calculate cost for the developed designer wear. [K3]

CO5: prepare record for the developed designer wear. [K3]

Prepare ready to wear outfit and haute couture

Instructions

- The students should prepare Two ready to wear outfits and one haute couture outfit basedon chosen theme for Kids, Men and Women's wear

- It is mandatory for students to prepare product development record for their examination.

- The product and record will be evaluated by a Team of Internal & External Experts.

- This will be followed by the Viva-Voce.

TEXT BOOKS

1. Harold Carr, John Pomeroy, (1992). *Fashion Design and Product development*, England: Blackwell Publication,

2. Anna Kiper, (2014). *Portfolio design +Presentation,* Batas ford publications,

3. Linda Tain,*(2010). *Portfolio presentation for fashion designers*, New York: Fairchild Publishers,

REFERENCE BOOKS

1. S.Kevin, (2006). *Portfolio Management*, India: PHI publications,

2. Alles, Jeanne, (1992). *Design with Color: The design guide to over 1000 color combination,* California: Chronicle Books,

3. Anne, A., &Julian, S. (2000).Fashion drawing, London: The Basic Principles, BT Batsford.

4. Drudi, E. (2011). Figure drawing for fashion design, Amsterdam: The Pepin Press.

5. Faerm Steven, (2012). Design Your Fashion Portfolio Paperback, United States: Bloomsbury Publishing.

6. Tain, L. (2010). Portfolio presentation for fashion designers, New York: Fair Child Books.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://youtu.be/HEsmu45SKv4
2. https://youtu.be/buERDxlBn8w

Course Code 24UCFE63P	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	2	3	3	3	3	3	2	-
CO2	3	3	2	3	3	3	3	3	2	-
CO3	3	3	2	3	3	3	3	3	3	-
CO4	3	3	3	3	3	3	3	3	3	1
CO5	3	3	3	3	3	3	3	3	3	1

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Ms.S.Betsy Sherin

Head of the Department   **Course Designer**

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(2024-2025 onwards)

Semester VI		Hours/Week:5	
Elective Course DSEC – 4 Practical - II	**SUSTAINABLE PRODUCT DEVELOPMENT PRACTICAL**	Credits:4	
Course Code **24UCFE64P**		Internal40	External 60

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: understand the principles of 3R – reduce, reuse and recycle in the context of sustainable

product development. [K2]

CO2: explain the process of sanitizing and preparing textile waste for product development. [K2]

CO3: create sustainable accessories, ornaments and home textile products and also to enhance

the entrepreneurial skills. [K3]

CO4: calculate cost effectiveness and eco benefits of up cycled products. [K3]

CO5: apply innovative design thinking in transforming waste material into marketable products

and prepare record for it. [K3]

1. **Collection of Wastes**

    The student can apply the concept of 3R -Reduce, reuse and recycle and create any

    products. Yarns ravelled from old dresses may be used to enrich a product. If waste fabric

    is used waste fabrics are collected. The waste fabrics include used clothes, torn garments,

    fabric waste bits from the tailoring shops orders maker's room. The fabrics are washed

    with soap and hot water and sterilized.

    Create any 10 products

2. **Accessories**

    - Hand Bags

    - Cell Phone Pouches

    - Belts

3. **Ornaments**
    - Set of Earrings
    - Pair of Bangles
    - Hair Band

4. **Create the Following Products**
    - Puppets
    - Dress for Dolls
    - Note Book Covers

5. **Home Textile Products**
    - Table Cloth
    - Door Mats
    - Plate Mats
    - Pillow Covers Any other (For your creativity)

TEXT BOOK

1. Pam Scheunemann, (2012). *Cool Fabric Projects: Creative Ways to Upcycle Your Trash Into Treasure*, United State: ABCD Checkerboard Library.

2. Kitty Moore (2019). *Upcycling Crafts*, United Kingdom: Venture Ink,

3. Tula Pink, (2012). *Quilts from the House of 20 Fabric Projects to Make, Use and Love,* America: Krause Publications,

REFERENCE BOOKS

1. Debbie Shore, (2018). *Half Yard(TM) Bags&Purses:Sew12 beautiful bags and 12 matching purses*, UK: Search Press, Limited.

2. Caroline Fair banks and Critch field, (2017). *Crafty Little Things to Sew:* 20 Clever *Sewing Projects Using Scraps & Fat Quarters –, Lark Books,* United States: Union Square and Co.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://www.diyncrafts.com/15703/repurpose/100-brilliant-projects-to-upcycle-leftover- fabric-scraps
2. https://feltmagnet.com/crafts/Fabric-Scraps-Crafts-Ideas

3. https://in.pinterest.com/fabricdotcom/scrap-fabric-projects/
4. https://www.youtube.com/watch?v=YscLxJrZ_WI
5. https://sewing.com/sewing-projects-fabric-scraps/

Course Code 24UCFE64P	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3	3	3	3

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Mrs.J.Athirstam
Head of the Department   **Course Designer**

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(2024-2025 onwards)

Semester VI	COMMUNICATION AND WORK ETHICS FOR APPAREL INDUSTRY	Hours/Week:2	
SEC-7 Professional Competency Skill Enhancement Course		Credits:2	
Course Code **24UCFS61**		Internal 25	External 75

COURSE OUTCOMES

On completion of the course, students will be able to

CO1: enumerate the concepts, objectives and elements of communication, business correspondence, workplace, professionalism, harassment and work organization. [K1]

CO2: show the significance of communication business correspondence, work place ethics, harassment prevention, strategies and work planning in the apparel industry. [K1]

CO3: explain the types and process involved in communication and business correspondence, maintaining professionalism, workplace ethics, harassment prevention and effective work planning in the apparel industry. [K2]

CO4: describe the principles of effective communication, business correspondence, workplace professionalism, harassment prevention and strategic work planning to enhance ethical and efficient practices in the apparel industry. [K2]

CO5: implement strategies for workplace communication, ethical business interactions, professional behavior, harassment management and organized work planning to improve productivity and team work in the apparel sector. [K3]

UNIT I Communication

Communication-meaning and definition. Types of communication-Verbal and non-barriers of communication. Listening – definition - listening process - types- superficial, appreciative, focused, attentive evaluative, empathetic. Active listening-strategies of developing active listening skills. Letter correspondence-Introduction, objectives—requirement correspondence-

definition, application letter, contact of resume and CV, interview letter, offer of employment, letter of acceptance, resignation letter, letter of recommendation. (6 Hours)

UNIT II   Business Correspondence

Business Correspondence -Meaning and significance-Principles-Essentials of Business letters- - introduction, format and layout -E-mail- report writing, -writing skills - Elements of business letter-Workplace communication - Follow routine verbal and written instructions, develop effective work place relationships, Communicate and work with team members, Respond effectively to customer requests**.** (6 Hours)

UNIT III Maintaining Professionalism in Workplace

Maintain professionalism in the workplace - Respect work time frames, maintain personal appearance and hygiene, Maintain adequate distance with colleagues and clients, Work in an ethical manner (honesty, work integrity, work ethics). Problem solving in work activities-Identify and examine problem, determine fundamental causes of the problem, determine corrective action, Provider commendations to authorities. (6 Hours)

UNIT IV Work place Harassment

Work place harassment-Identify the difference between acceptable behavior and unacceptable behavior, define work place harassment   -types of harassment. Strategies to protect self and deal with work place harassment, Support colleagues and assist in creating a harassment policy**.** (6 Hours)

UNIT V   Planning and organizing work

Plan and organize work - Set objectives and plan work activities, Plan and schedule work activities, implement work plans, Monitor work activities. Lead small teams - Motivate and build the team, facilitate team development and monitor team effectiveness. (6 Hours)

 TEXT BOOKS

1. Richard Brindley, (2022). *Good Practice Guide Professional is mat Work* London: 1st edition, RIBA Publishing;

2. Christian B .Miller, Ryan West *(2020). Integrity, Honesty, and Truth Seeking*, USA:OUP.

3. Leena Mikkola, Maarit Valo, (2019). *Workplace Communication,* India: 1st edition Rutledge, Publication.

4. David L. Lewis, (2019). *Effective Communication in the Work place*, US: Amazon Digital Services LLC - KDP Print

REFERENCE BOOKS

1. Judith Combes Taylor, Judith Combes Taylor Ph . D., Rebekah Lashman, Pamela, (1994).*Helling Practical Problem-Solving Skills in the Workplace,* America: AMACOM Div American Mgmt Assn,

2. Jeff Butter field, (2016). *Problem-Solving and Decision Making*, USA: 3rd edition Course Technology Inc.

3. Avina Mendonca, Ernesto Noronha, Premilla Ď Cruz, (2021). Asian countries: *Asian Perspectives on Work place Bullying and Harassment,* Springer Nature publication.

4. Cary Cooper, Dieter Za pf, Helge Hoel, Stale Einarsen, (2020). *Bullying and Harassment in the Work place,* Boca Raton: CRC Press.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1. https://www.javatpoint.com/barriers-of-communication

2. https://www.toppr.com/guides/business-communication-and-ethics/business-correspondence/meaning-and-importance-of-business-correspondence

3.https://career.vt.edu/develop/professionalism.html

4.https://blog.vantagecircle.com/workplace-harassment/

Course Code 24UCFS61	PO1		PO2		PO3	PO4		PO5	PO6	PO7
	PSO 1.a	PSO 1.b	PSO 2.a	PSO 2.b	PSO3	PSO 4.a	PSO 4.b	PSO 5	PSO 6	PSO 7
CO1	3	2	3	3	-	-	-	-	3	3
CO2	3	2	3	3	-	-	-	-	3	3
CO3	3	2	3	3	-	-	-	-	3	3
CO4	3	3	3	3	1	-	-	1	3	3
CO5	3	3	3	3	1	-	-	1	3	3

Strong (3) Medium (2) Low (1)

Mrs.J.Athirstam   Ms.L.Devimuthumari

Head of the Department   **Course Designer**