

ST. TERESA'S COLLEGE, (AUTONOMOUS)
ERNAKULAM

Affiliated to Mahatma Gandhi University, Kottayam



CURRICULUM AND SYLLABI FOR THE PROGRAMME

B.Sc. APPAREL AND FASHION DESIGN

Programme Code: BAFD

Under Choice Based Credit and Semester System

(2023 Admission Onwards)

St. Teresa's College (Autonomous) Ernakulam
Department of Fashion Designing
Board of Studies in Fashion Designing (2021-2024)

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14	Subject Expert- 2 Outside MG University	Mr. Girish P. T.	Former Consultant, Product Designer and Coordinator	Fab India Overseas Ltd, New Delhi.
15	University Nominee	Dr. Jayalakshmi I.	Assistant Professor	Department of Costume Design and Fashion, Chikkanna Government Arts College, Tiruppur, Tamil Nadu.
16	Representative from Industry/ Corporate Sector/ Allied field related to placement	1. Ms. Anusha Martin 2. Mr. Javed Anaz,	Vice President CEO	Trivandrum Sarvodaya Sangh, Ooruttukala, Neyyantinkara Hashboosh Design Private Limited, Ernakulam
17	Alumni Representative	Ms. Shilpa N. Kammath	Managing Director	Kalakaari, Ernakulam.

PREFACE

The curriculum, which encompasses the totality of student experience, should ensure a collective and dedicated effort to birth an inspiring academic culture in a campus. It is this vision of quality knowledge, its production and transmission, that has fueled the Teresian quest for essential and elemental student development. St. Teresa's College has taken meticulous care in the conception of the new well-balanced curriculum by retaining the fundamental prerequisites mentioned by the University/Higher Education Council. With the constraints of a prescribed syllabus in mind, we have created an academic sanctuary, where a deeper access to knowledge is achievable to students and teachers as well.

The Syllabus restructuring of 2022 instigates opportunities of real-world learning to equip a modern scholar with the practicality of experience. As an autonomous institution under Mahatma Gandhi University, St. Teresa's College offers a significant number of Programmes with definite placement windows to the learners. Student knowledge and training across a range of subject areas is efficiently enriched by engaging them in work-based learning, as provided by the revised and restructured curriculum.

The indefatigable effort taken by the teachers in developing Programmes and Course outcomes is commendable. The blossoming of the cognitive and intellectual skills of the scholars, the initiation of a research mentality, and pragmatic skill sets to venture out confidently into a professional space, are the core off-shoots that are anticipated. The curriculum should equip the students to be educators themselves, with a voice that echoes global effectiveness.

I congratulate the efforts taken by the Principal Dr. Alphonsa Vijaya Joseph and her team for restructuring the syllabus in keeping with the latest demands in academia. We trust that the syllabus will transform minds to embark upon higher academic summits and thereby mould learners who will make significant contributions to the world. We look forward to sharing the outcomes of our restructured curriculum and the positive changes that would reshape the academic lives of all our scholars.

Dr. Sr. Vinitha

Manager

FOREWORD

The most significant characteristic of an autonomous college is its commitment to curriculum renewal or revision. Academic autonomy has granted the college the freedom to fine tune the syllabus keeping in mind the changing needs of the new generation of students, the new educational scenario in the global context and incorporation of skill based curricula. Revision of the syllabus implies responsibility and accountability and this in turn leads to excellence in academics and proactive governance. Education in the current scenario throws up a multitude of challenges and the curricula and syllabi ought to reflect the paradigm shift that has occurred in the various disciplines.

A revision of the syllabus is implemented by modifying the curriculum after review to evaluate the effectiveness of the curriculum after it has been implemented and to reflect on what students did and did not get out of it. In line with the new Educational policy, a big educational reform can be effected by restructuring of syllabi to maintain a high level of quality in the standard of education that we impart.

The three themes under Higher Education relevant to policy initiative for restructuring of the curriculum i.e., integrating skill development in higher education, linking higher education to society and integration of new knowledge are considered with utmost importance during revision of the syllabus.

Outcome-Based Education emphasizes that the learning process is innovative, interactive and effective, where the main goal is student achievement at the end of the learning period. St. Teresa's College in its pursuit of imparting quality education has adopted Outcome Based Education (OBE) system that involves restructuring of curriculum, academic processes, teaching methodologies, assessment and evaluation systems in education to reflect the achievement of high order learning. It is a student-centric instruction model that focuses on measuring student performance through outcomes that include knowledge, skills and attitudes.

The revised syllabus and curriculum is the result of the combined efforts of the members of the Board of studies, curriculum expert committee and the syllabus committee who worked as a team to revise the syllabus and curriculum in the stipulated period. Active consultations were held with various stakeholders to elicit multiple perspectives in higher education which were incorporated in the new curriculum.

With sincere gratitude I acknowledge the instinct support and constant guidance extended by Rev. Dr. Sr. Vinitha, Provincial Superior and Manager, Rev. Sr. Emeline, Director, Dr. Sajimol Augustine M., Senior Administrator, Smt. Betty Joseph, Vice-Principal and Dr. Beena Job, Dean of self-financed programmes. I specially thank the team headed by Dr. Betty Rani Isaac, the Heads of the Departments and all the faculty members for their diligence, commitment and exceptional contribution towards this endeavour.

Prof. Alphonsa Vijaya Joseph
Principal

ACKNOWLEDGEMENT

Sincere gratitude is hereby extended to everyone who unceasingly lent their support to design this programme curriculum.

I extend my sincere thanks to Rev. Dr. Sr. Vinitha, Provincial Superior and Manager, Rev, Sr. Emeline, Director, and Prof. Alphonsa Vijaya Joseph, Principal, St. Teresa's College, for their support and encouragement extended for this endeavor.

I gratefully acknowledge the unstinted support and guidance extended by Mr. Girish P. T, Former Consultant Product Designer and Coordinator for Fab India Overseas Ltd, New Delhi, Mr G. Sukumaran Nair, Retired Professor, Indian Institute of Handloom Technology (IIHT), Salem, Dr. Jayalakshmi I, Assistant Professor, Department of Costume Design and Fashion, Chikkanna Government Arts College, Tiruppur, Tamil Nadu, Ms. Anusha Martin, Vice President, Trivandrum Sarvodaya Sangh, Ooruttukala, Neyyantinkara, Mr. Javed Anaz, CEO, Hashboosh Design Private Limited, Ernakulam, Ms. Shilpa N Kammath, Managing Director, Kalakaari, Ernakulam for the invaluable suggestions and selfless support in restructuring this syllabus.

I wish to place on record the sincere thanks to Dr. Sajimol Augustine M., Senior Administrator, Smt. Betty Joseph, Vice-Principal, IQAC Coordinator Dr. Kala M. S., Dr. Beena Job, Dean of self-financed programmes, Syllabus Committee team and Curriculum Committee members in providing valuable suggestions in drafting the syllabus. A special word of gratitude is due to all the teachers involved with zest and commitment in structuring the program.

Above all, I thank God Almighty for his divine intervention in this academic endeavor.

Dr. Vinitha Paulose

Chairperson

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**B.Sc. APPAREL AND FASHION DESIGN
UNDER CHOICE BASED CREDIT AND SEMESTER SYSTEM
(2023 ADMISSION ONWARDS)**

PREAMBLE

B.Sc. Apparel and Fashion Design programme is a six-semester full time programme with an ultimate aim to create a responsible designer who will serve the country and society by innovation, education, technology and research.

The programme falls under an emerging area of design necessity. The yesteryear fashion designing course churned out designers for the field of clothing and its related industry but without a thorough understanding of the society, environment or technologies around them. The programme is based on the core subject – Design Thinking with an aim of creating a ‘Responsible Designer’. This programme provides a perspective of society, environment, education, technology and innovation so that a fresh and unique approach in the fields of clothing, accessories and furnishings may be developed thereby creating more meaningful products and experiences.

The syllabus of the course is designed in such a way that it provides skill development required to be a successful fashion designer along with entrepreneurial skills to set up their own venture.

A unique feature of this programme is the continuous interaction of the students with society and environment through projects and providing training programmes to the needy.

Outcome based education involves assessment and evaluation practices in education reflecting the attainment of expected learning and mastery in the programme. It is a systematic way to determine if a programme has achieved its goal. This approach of learning makes the student an active learner, the teacher a good facilitator and together they lay the foundation for life-long learning. The process includes framing of specific course outcomes at various appropriate levels of taxonomy, mapping the course outcomes of each course with the Programme Specific Outcomes and finally calculating the course attainment based on the marks scored by the student in both the Internal and External assessments.

PROGRAMME OUTCOMES (PO)

On completion of an Undergraduate Programme from St. Teresa's College (Autonomous) Ernakulam, students should be able to demonstrate the programme outcomes listed below:

PO 1. Disciplinary knowledge

- Demonstrate a mastery of the fundamental knowledge and skills required in the discipline to function effectively as an entry-level professional in the field.

PO 2. Scientific Temper

- Experiment with new approaches, challenge existing knowledge boundaries and take informed action to solve problems related to society.
- Identify, define, and deal with problems through logical, analytical and critical thinking acquired from different domains of knowledge

PO 3. Research and Digital Competence

- Develop a research culture for lifelong learning and demonstrate competency in creating new knowledge.
- Analyze and choose from available data and information sources to communicate, collaborate and network through a range of digital media.

PO 4. Communication Skills

- Develop language proficiency through interactions embedded in meaningful contexts.
- Demonstrate communicative competence particularly using technology in social and global environments.

PO 5. Leadership, Teamwork and Interpersonal Skills

- Function effectively both as leader and/or member of a team.
- Collaborate and interact effectively with others.

PO 6. Moral & Ethical Awareness and Social Responsibility

- Demonstrate social and national responsibility.
- Engage in activities that contribute to the betterment of society, with a preferential option for the economically challenged and the marginalized.

PROGRAMME SPECIFIC OUTCOMES (PSO)

On completion of the B.Sc Apparel and Fashion Design programme students should be able to demonstrate the programme specific outcomes listed below:

- PSO 1** - Develop artistic and software skills in designing and technical skills in construction and ornamentation of garments and soft furnishing. (Apply)
- PSO 2** - Interpret the concepts of art, textiles, costumes and summarise the functioning of the garment industry from design to despatch. (Understand)
- PSO 3** - Analyse critically the social and environmental issues and provide innovative solutions by product development (Analyse)
- PSO 4** - Create a thematic line of garments, accessories and compile a designer portfolio by applying the concepts of fashion designing (Create)
- PSO 5** - Develop communication and entrepreneurial skills to set up their own venture (Apply)

ELIGIBILITY

Pass in +2 examination (Any stream)

PROGRAMME DESIGN

The B.Sc. in Apparel and Fashion Design programme must include:

(a) Common Course (b) Core Courses (c) Choice based core course (d) Complementary Courses, (e) Open Courses (f) Workshops and Training, and (g) Project. The students shall select any choice-based course offered by the department which includes the core courses, depending on the availability of teachers and infrastructure facilities, in the institution. Open course shall be offered in any subject and student shall have the option to do courses offered by other departments.

The programme gives ample weightage to English as a communication medium. Students must develop the basic skills in English through **Common Courses (2)** in the first and second semester.

The **core course** includes **Apparel & Fashion Design** (23 courses), two **Complementary courses** i. **Concept in Apparel** (4 courses) ii. **Apparel Business** (3 Courses), **Open Course** (1 out of 3 courses) and **Choice based core course** (1 out of 3 courses) and **project work**. The programme provides all the necessary practical skills and knowledge required to become a responsible designer. They are required to do a **State wise Assignment** during the vacation time after second semester.

As the uniqueness of this programme is to create a responsible designer, the students are required to do an actual study among indigenous artisans, understanding their problems and giving innovative solutions for product development and its marketability employing the design thinking process. They have to submit this **Project work** at end of the sixth semester.

I. Zero Hour Courses

Zero-hour courses are courses done during vacation and which therefore do not take up semester hours. There are two such courses in the programme – **State wise Assignment** (after II semester) and **Project Work** (after IV semester). A separate statement of grade will be issued on these courses along with the VI semester score card.

- **State wise Assignment**

The students shall do a detailed study in groups of minimum five for a month after the second semester about the lifestyle, arts and crafts, culture, customs and costumes of the people of a particular state of India. They are required to present a documentary of their research and set up an ambience which represents the geographic conditions of the state. They present the traditional dances, costumes, food, textiles and handicrafts, occupations etc which will be recorded and later be presented along with a report before an internal jury during the III semester. This course will have only internal assessment based on viva-voce examination.

- **Project Work**

After the completion of the IV semester, the students are required to do an actual study among indigenous artisans understanding their problems and giving innovative solutions for product development and its marketability by employing the design thinking process. The students can also take up projects in association with self-help groups, local artisans, NGOs and some organizations like Integrated Child Development Scheme, Govt. of India, Kudumbasree, Shrishti Welfare Centre, Munnar. They have to submit this **Project work** at end of the sixth semester.

II. Thematic Line Development

Each student will conceptualize and develop a collection of at least five garments in the VI Semester, which demonstrate the student's creativity and understanding of the market. A Viva based on the collection of garments will be conducted at the end of the VI semester by an external examiner.

III. Portfolio Presentation

The students have to document all their best presentable work done through all the semesters and those that portray the student's area of interest. The portfolio can be an effective means of communicating the capacities and capabilities of the student's skills and talent. A viva based on their presentation will be conducted at the end of the VI semester by an external examiner.

PROGRAMME STRUCTURE

MODEL III - B.Sc. APPAREL AND FASHION DESIGN

A	Programme Duration	6 Semesters
B	Total Credits required for successful completion of the Programme	120
C	Credits required from Common Course I	4
D	Credits required from Common Course II	4
E	Credits required from core course, Complementary courses, Choice based core course including project	109
F	Credits required from Open Course	3

COURSES

The programme (Model III) consists of common courses with 8 credits, core course, choice based core course and complementary courses with 109 credits and open course with 3 credits

SCHEME OF COURSES: -

The different types of courses and its number is as the follows:

Model III	
<i>Courses</i>	<i>Number</i>
Common courses	2
Core Courses (Theory)	5
Project	1
Core courses (Practical)	18
Open course	1
Choice based core course	1
Complementary courses (Theory)	6

Complementary Courses (Practical)	1
Total	35

COURSES WITH CREDITS:

Model III	
<i>Courses</i>	<i>Credits</i>
Common Courses	8
Total	8
Core Courses	75
Open Course	3
Choice Based Core Course	3
Project	4
Total	85
Complementary Courses I	15
Complementary Courses II	12
Total	27
Total	120

SCHEME OF DISTRIBUTION OF INSTRUCTIONAL HOURS FOR CORE COURSES

Semester	Model III	
	Theory	Practical
First	1	3
Second	1	3
Third	2	2
Fourth	-	3
Fifth	1	3
Sixth	-	6

COURSE CODE FORMAT

- The programme is coded according to the following criteria.
- The first letter plus second letter/any letter from the programme ie., FD

- C. One digit to indicate the semester. i.e., FD1 (Fashion Designing, 1st semester)
- D. One letter from the type of courses such as, A for common course, B for Complementary
- E. course, C for Core course, D for Open course, ie. FD1C (Fashion Designing, 1st semester Core course) PR for project and I for Internship.
- F. Two digits to indicate the course number. ie. FD1C01(Fashion Designing, 1st semester, Core course, course number is 01)
- G. The letter B to indicate Bachelor's programme.
- H. FD1C01B (Fashion Designing, 1st semester, Core course, courses number 01, and B for Bachelors programme)
- I. 23 to indicate the year. ie., FD1C01B23
- J. The letter P denotes practical – it should come after the code letter for the course
- K. ie, CP (core practical- eg. FD2CP01B23)/BP (complementary practical-eg.FD2BP01B23)
- L. The letter PR denotes project ie. Fashion Designing Core Project FD6PRB23
- M. The letter I denotes internship– It should come after the code letter for the course
- N. ie. CI (Core Internship- eg. FD2CI01B23)

DURATION OF THE PROGRAMME

The duration of U.G. Programmes shall be **6 semesters**.

A student may be permitted to complete the programme, on valid reasons, within a period of 12 continuous semesters from the date of commencement of the first semester of the programme.

Attendance: **Students having a minimum of 75% average attendance for all the courses only, can register for the examination.**

DETAILED STRUCTURE OF THE PROGRAMME

B. Sc. APPAREL AND FASHION DESIGN

Sem	Course Type	Course Code	Course Title	Hours / week	Credits	Max Marks	
						ISA	ESA
I	Common Course I	EN1A01B23	Fine-tune Your English	5	4	20	80
	Complementary Course I	FD1B01B23	Fabric Science	4	4	20	80
	Core Course	FD1C01B23	Sociology of Fashion	4	4	20	80
	Core Course Practical	FD1CP01B23	Foundation Art	4	3	20	80
	Core Course Practical	FD1CP02B23	Basic Sewing Techniques	4	3	20	80
	Core Course Practical	FD1CP03B23	Surface Adornment	4	3	20	80
	Total			25	21		

Sem	Course Type	Course Code	Course Title	Hours/ week	Credits	Max Marks	
						ISA	ESA
II	Common Course II	EN2A03B23	Issues that Matter	5	4	20	80
	Complementary Course II	FD2B02B23	Fashion Marketing and Merchandising	4	4	20	80
	Core Course Practical	FD2CP04B23	Fashion Interpretation and Illustration	4	3	20	80
	Core Course Practical	FD2CP05B23	Flat Pattern Making	4	3	20	80
	Core Course Practical	FD2CP06B23	Sewing of Design Details	4	3	20	80
	Core Course	FD2C02B23	Fashion Designing Concepts	4	4	20	80
	Total			25	21		

Sem	Course Type	Course Code	Course Title	Hours / week	Credits	Max Marks	
III						ISA	ESA
	Complementary Course I Practical	FD3BP01B23	Textile Design	4	3	20	80
	Complementary Course I	FD3B01B23	Apparel Production and Quality Control	4	4	20	80
	Complementary Course II	FD3B02B23	Fashion Theory	4	4	20	80
	Core Course Practical	FD3CP07B23	Fashion Illustration and Stylization	4	3	20	80
	Core Course Practical	FD3CP08B23	Advanced Sewing Designs	4	3	0	80
	Core Course	FD3C03B23	History of Art	5	4	20	80
	Total			25	21		

Sem	Course Type	Course Code	Course Title	Hours/ week	Credits	Max Marks	
IV						ISA	ESA
	Complementary Course I	FD4B01B23	Traditional Indian Textiles	4	4	20	80
	Complementary Course II	FD4B02B23	Essentials of Entrepreneurship	4	4	20	80
	Core Course	FD4C04B23	History of Western Costume	4	4	20	80
	Core Course Practical	FD4CP09B23	Fashion Illustration and Rendering Techniques	4	3	20	80
	Core Course Practical	FD4CP10B23	Indian Clothing Construction	5	4	20	80
	Core Course Practical	FD4CP11B23	Fundamentals of Design Thinking	4	3	20	80
	Total			25	22		

Sem	Course Type	Course Code	Course Title	Hours/ week	Credits	Max Marks	
V	Core Course	FD5C05B23	Environmental Studies and Human Rights	4	4	ISA	ESA
						20	80
	Core Course Practical	FD5CP12B23	Western Clothing Construction	6	3	20	80
	Core Course Practical	FD5CP13B23	Computer Aided Fashion Design	5	3	20	80
	Core Course Practical	FD5CP14B23	Children's Clothing	6	3	20	80
	Open Course	Offered by other Departments	Open Course	4	3	20	80
	Total			25	16		

Sem	Course Type	Course Code	Course Title	Hours/ week	Credits	Max Marks	
VI	Core Course Practical	FD6CP15B23	Thematic Line Development	11	5	ISA	ESA
						20	80
	Core Course Practical	FD6CP16B23	Jewellery Designing	4	3	20	80
	Core Course Practical	FD6CP17B23	Portfolio Presentation	6	3	20	80
	Core Course Practical		Choice Based Course	4	3	20	80
	Core Course Practical	FD6CP19B23	State Wise Assignment	-	1	100	-
	Project	FD6PRB23	Project work	-	4	20	80
	Total			25	19		

Total Credits = 120

**CONSOLIDATED SCHEME FOR I TO VI SEMESTER PROGRAMME
STRUCTURE**

B.Sc. APPAREL AND FASHION DESIGN (MODEL III)

SCHEME – CORE COURSE

Sem	Course Type	Course Code	Course Title	Hours / week	Credits	Max Marks	
						ISA	ESA
I	Core Course	FD1C01B23	Sociology of Fashion	4	4	20	80
I	Core Course Practical	FD1CP01B23	Foundation Art	4	3	20	80
I	Core Course Practical	FD1CP02B23	Basic Sewing Techniques	4	3	20	80
I	Core Course Practical	FD1CP03B23	Surface Adornment	4	3	20	80
II	Core Course Practical	FD2CP04B23	Fashion Interpretation and Illustration	4	3	20	80
II	Core Course Practical	FD2CP05B23	Flat Pattern Making	4	3	20	80
II	Core Course Practical	FD2CP06B23	Sewing of Design Details	4	3	20	80
II	Core Course	FD2C02B23	Fashion Designing Concepts	4	4	20	80
III	Core Course Practical	FD3CP07B23	Fashion Illustration and Stylization	4	3	20	80
III	Core Course Practical	FD3CP08B23	Advanced Sewing Designs	4	3	20	80
III	Core Course	FD3C03B23	History of Art	5	4	20	80
IV	Core Course	FD4C04B23	History of Western Costume	4	4	20	80
IV	Core Course Practical	FD4CP09B23	Fashion Illustration and Rendering Techniques	4	3	20	80
IV	Core Course Practical	FD4CP10B23	Indian Clothing Construction	5	4	20	80
IV	Core Course Practical	FD4CP11B23	Fundamentals of Design Thinking	4	3	20	80
V	Core Course	FD5C05B23	Environmental Studies and Human Rights	4	4	20	80
V	Core Course Practical	FD5CP12B23	Western Clothing Construction	6	3	20	80
V	Core Course Practical	FD5CP13B23	Computer Aided Fashion Design	5	3	20	80
V	Core Course Practical	FD5CP14B23	Children's Clothing	6	3	20	80
V	Open Course	Offered by	Open Course	4	3	20	80

		other departments					
VI	Core Course Practical	FD6CP15B23	Thematic Line Development	11	5	20	80
VI	Core Course Practical	FD6CP16B23	Jewellery Designing	4	3	20	80
VI	Core Course Practical	FD6CP17B23	Portfolio Presentation	6	3	20	80
VI	Core Course Practical		Choice Based Core Course	4	3	20	80
VI	Core Course Practical	FD6CP19B23	State Wise Assignment	-	1	100	-
VI	Project	FD6PRB23	Project work	-	4	20	80

SCHEME – OPEN COURSE

Sem	Course Type	Course Code	Course Title	Hours /week	Credits	Max Marks	
						ISA	ESA
V	Open Course	FD5D01AB23	Elements and Principles of Design	4	3	20	80
V	Open Course	FD5D01BB23	Fundamentals of Visual Merchandising	4	3	20	80
V	Open Course	FD5D01CB23	Socio-Psycho Aspects of Clothing	4	3	20	80

SCHEME – CHOICE BASED CORE COURSE

Sem	Course Type	Course Code	Course Title	Hours / week	Credits	Max Marks	
						ISA	ESA
VI	Choice Based Core Course Practical	FD6CP18AB23	Thematic Furnishing	4	3	20	80
VI	Choice Based Core Course Practical	FD6CP18BB23	Draping	4	3	20	80
VI	Choice Based Core Course Practical	FD6CP18CB23	Computer aided pattern making and grading	4	3	20	80

SCHEME – COMPLEMENTARY COURSE I - CONCEPT IN APPARELS

Sem	Course Type	Course Code	Course Title	Hours/ week	Credits	Max Marks	
						ISA	ESA
I	Complementary Course	FD1B01B23	Fabric Science	4	4	20	80
III	Complementary Course Practical	FD3BP01B23	Textile Design	4	3	20	80
III	Complementary Course	FD3B01B23	Apparel Production and Quality Control	4	4	20	80
IV	Complementary Course	FD4B01B23	Traditional Indian Textiles and History of Indian Costume	4	4	20	80

SCHEME – COMPLEMENTARY COURSE II – APPAREL BUSINESS

Sem	Course Type	Course Code	Course Title	Hours/ week	Credits	Max Marks	
						ISA	ESA
II	Complementary Course	FD2B02B23	Fashion Marketing and Merchandising	4	4	20	80
III	Complementary Course	FD3B02B23	Fashion Theory	4	4	20	80
IV	Complementary Course	FD4B02B23	Essentials of Entrepreneurship	4	4	20	80

EXAMINATIONS

The external theory examination of all semesters shall be conducted by the College at the end of each semester. Internal evaluation is to be done by continuous assessment.

Examinations have two parts: Internal or In-Semester Assessment (ISA) & External or End-Semester Assessment (ESA). The ratio between ISA and ESA shall be 1:4. Both internal and external marks are to be rounded to the next integer.

MARKS DISTRIBUTION FOR END-SEMESTER ASSESSMENT (ESA) AND IN-SEMESTER ASSESSMENT (ISA)

Marks distribution for ESA AND ISA and the components for ESA and ISA with their marks are shown below:

For all courses without practical

a) End-Semester Assessment (ESA): 80 marks

b) In-Semester Assessment (ISA): 20 marks

Components of the ISA and their marks are as below

Internal assessment components - Theory	Marks
Attendance	5
Assignment*	5
Test papers (2 x 5)	10
Total	20

Attendance

Percentage of Attendance	Marks
Above or equal to 90%	5
Above or equal to 85% but less than 90%	4
Above or equal to 80% but less than 85%	3
Above 75% but less than 80%	2
75 %	1
Less than 75%	0

(i) ***Assignment** (project/field work/ Industrial Visit) for Semester I & II- to be given by language teachers, report of which has to be submitted and for those programmes which do not have additional language the students must undertake the assignment (project/field work/ Industrial Visit) for any one core paper

(ii) ***Assignment:** for core papers (III & IV Semester), the student must undertake a Project/ Field work/ Industrial Visit/ Internship and the report of the same should be submitted for evaluation. The marks awarded to this can be considered for assignment of any one core paper

Internal assessment components – Practical	Marks
Attendance	5
Laboratory involvement	5
**Record/Neatness	10
Total	20

**Bonafide reports of the practical works conducted shall be summited at the time examination

Attendance

Percentage of Attendance	Marks
Above or equal to 90%	5
Above or equal to 85% but less than 90%	4
Above or equal to 80% but less than 85%	3
Above 75% but less than 80%	2
75 %	1
Less than 75%	0

Laboratory involvement

Laboratory involvement	Marks (6)
Handling Equipment's	2
Skill in laboratory work	4

Design Thinking

The break up for the ISA of Design Thinking is as follows

Component	Marks (20)
Attendance	5
Punctuality	5
Design Assignment	10
Total	20

Zero Credit Courses

Zero Credit Courses shall be included in the programme to encourage advanced learner and shall be indicated in the score sheet. Permission for obtaining zero credit courses shall be done

only under the supervision of a university approved permanent faculty member of the department which offers the core courses.

State Wise Assignment

For State wise assignment there is no End Semester Assessment. The break up for In-Semester Assessment of State wise assignment is as follows.

Components	Marks
Presentation	25
Record books/Videos	25
Depth of Research	50
Total	100

Project

The break up for ISA of Project is as follows

Components	Marks
Attendance	5
Depth of Research	15
Total	20

Projects which are preferably socially relevant/ industry oriented/ research oriented are to be undertaken by the students and the reports have to be submitted.

Thematic Line Development

The break up for ISA of Thematic Line Development is as follows:-

Component	Marks (20)
Attendance	5
Designing	5
Pattern Making	5
Garment Construction	5
Total	20

Jewellery Designing

The break up for ISA of Jewelry designing is as follows:-

Component	Marks (20)
Attendance	5
Designs	5
Products	5
Term Submission	5
Total	20

Portfolio Presentation

The break up for ISA of portfolio presentation is as follows.

Component	Marks (20)
Attendance	5
Punctuality	5
Design Assignment	10
Total	20

IN-SEMESTER ASSESSMENT - TEST PAPERS

Two internal test- papers are to be attended in each semester for each paper. The evaluations of all components are to be published and are to be acknowledged by the students. All documents of internal assessments are to be kept in the college for two years. The responsibility of evaluating internal assessment is vested on the teachers who teach the course.

END SEMESTER ASSESSMENT:

The End-Semester examination of all courses shall be conducted by the College on the close of each semester. For reappearance/ improvement, students can appear along with the next batch.

Pattern of Question Paper:

A question paper shall be a judicious mix of short answer type, short essay type/ problem solving type and long essay type questions.

For each course the End-semester Assessment is of 3 hours duration. The question paper has 3 parts. Part A contains 12 short answer questions of which 10 are to be answered. Part B contains 9 short essay questions of which 6 are to be answered. Part C has 4 long essay questions of which 2 are to be answered.

Part	No. of Questions	No. of questions to be answered	Marks (for courses without practical)
A (Short Answer type)	12	10	10 x 2 = 20
B (Short Essay)	9	6	6 x 5 = 30
C (Long Essay)	4	2	2 x 15 = 30

CONDUCT OF PRACTICAL EXAMINATIONS

Practical examinations will be conducted at the end of all semesters for all courses.

PATTERN OF QUESTION PAPERS

Pattern of questions for end-semester assessment of practical papers will be decided by the concerned Board of practical examination.

Design Thinking

The breakup of ESA of Design Thinking is as follows

Component	Marks (80)
Layout and Presentation	25
Design Assignment	30
Creativity	15
Viva	10
Total	80

Project Work

The breakup of ESA of Project Work is as follows

Component	Marks (80)
Presentation	20
Depth of Research	20
Product Development & Marketability/ Training on skill development	30
Viva	10
Total	80

Thematic Line Development

The breakup of ESA of Thematic Line Development is as follows

Component	Marks (80)
Theme	20
Interpretation	30
Choice of fabric	10
Garment Construction	10
Presentation	10
Total	80

Jewellery Designing

The break up for ESA of Jewelry designing is as follows:-

Component	Marks (80)
Theme	25
Creativity	25
Presentation	20
Viva	10
Total	80

Portfolio Presentation

The breakup of ESA of portfolio presentation is as follows

Component	Marks (80)
Layout and Presentation	25
Design Assignment	30
Creativity	15
Viva	10
Total	80

GRADES

A 10- point scale based on the total percentage of marks (ISA + ESA) for all courses (theory, practical, project)

% of marks	Grade	Grade point
Equal to 95 and above	S - Outstanding	10
Equal to 85 and < 95	A⁺ - Excellent	9
Equal to 75 and < 85	A - Very good	8
Equal to 65 and < 75	B⁺ - Good	7
Equal to 55 and < 65	B - Above average	6
Equal to 45 and < 55	C - Satisfactory	5
Equal to 35 and < 45	D - Pass	4
Below 35	F - Failure	0

PASS CRITERIA:

- A separate minimum of 30% marks each for internal and external (for both theory and practical) and aggregate minimum of 35% for a pass in a course
- For a pass in a programme, a separate minimum of Grade D is required for all the individual courses
- If a candidate secures F Grade for any one of the courses in a semester/programme, only F grade will be awarded for that semester/programme until he/she improves this to D Grade or above within the permitted period
- Students who complete the programme with D grade will have one betterment chance within 12 months, immediately after the publication of the result of the whole programme

CREDIT POINT AND CREDIT POINT AVERAGE

Credit Point (CP) of a course is calculated:

$$CP = C \times GP$$

C = Credit; GP = Grade point

Semester Credit Point Average (SCPA) of a semester:

$$CCPA = TCP/TC$$

TCP = Total Credit Point of that programme

TC = Total Credit of that programme

Cumulative Credit Point Average (CCPA) is calculated:

$$CCPA = TCP/TC$$

CREDIT POINT AVERAGE (GPA)

CPA of different category of courses viz. Common courses, Complementary courses, Core courses etc. are calculated:

$$CPA = TCP/TC$$

TCP = Total Credit Point of a category of course

TC = Total Credit of that category of course

Grades for the different courses, semesters and overall programme are given based on the corresponding CPA:

CPA	Grade
Equal to 9.5 and above	S - Outstanding
Equal to 8.5 and < 9.5	A ⁺ - Excellent
Equal to 7.5 and < 8.5	A - Very good
Equal to 6.5 and < 7.5	B ⁺ - Good
Equal to 5.5 < 6.5	B - Above average
Equal to 4.5 and < 5.5	C - Satisfactory
Equal to 4 and < 4.5	D - Pass
Below 4	F - Failure

- For reappearance/improvement of I, II, III & IV semesters, candidate have to appear along with the next batch.
- There will be supplementary exams for V sem in the respective academic year.
- Notionally registered candidates can also apply for the said supplementary examinations.
- A student who registers her name for the end semester assessment for a semester will be eligible for promotion to the next semester.
- A student who has completed the entire curriculum requirement, but could not register for the Semester examination can register notionally, for getting eligibility for promotion to the next semester.
- A candidate who has not secured minimum marks/credits in ISA can re-do the same registering along with the ESA for the same semester, subsequently
- There shall be no improvement for internal evaluation

(All rules and regulations are subject to change as and when modified by the Mahatma Gandhi University, Kottayam to which St Teresa's College (Autonomous) is affiliated.)

SYLLABI FOR CORE COURSES

SEMESTER-I
CORE COURSE - APPAREL AND FASHION DESIGN
FD1C01B23- SOCIOLOGY OF FASHION

Credits-4

Total Lecture Hours: 72

Hours per week: 4

Course Overview and Context: -

This subject provides an inner view on how fashion affects social life and its importance in the current scenario.

The students are given assignments related to fashion trends and forecasting. This task is to understand various aspects related to the employability skills.

This paper deals with the importance of fashion for the social life of humans and the role it plays in society. The subject also includes globalization and its impact on the environment.

Course Outcomes:

CO1: Explain about fashion and social visibility. (Understand)

CO2: Describe the sociological aspects of clothing (Understand)

CO3: Discuss the influence of society on clothing choices (Understand)

CO4: Analyze the upcoming trends in the fashion market. (Analyze)

CO5: Explain market research and its objectives. (Understand)

CONTENT

Module –I

(25 Hrs)

Fashion and Social Visibility:

Theoretical Perspectives- Thurston Veblen's theory of Leisure Class (Conspicuous consumption), George Simmel's Trickle-down theory

Evolution of Fashion- Costumes from medieval to modern period, sources of fashion, factors favoring/ retarding fashion cycle the role of fashion in garment industry.

Module-II

(15 Hrs)

Sociological aspects of clothing:

Clothing and wearer- Personality factors and choice of clothing- Clothing awareness,

Occupation, Status and Clothing, fashion as a mechanism of innovation and conservation

Module- III

10 Hrs)

Sociology and clothing choices:

Fashion as the mirror of Society, Anti-Fashion, Fashion Semiotics,
Globalization, consumerism and fashion

Module- IV

(8 Hrs)

Understanding the Trends:

Market survey – developing a consumer profile.

(14 Hrs)

Module- V

Market Research:

Definition and Objectives- Developing the research design

Data collection, analysis of data, presenting the findings

References:

1. Fletcher. R. (1971), The Making of Sociology-Rawat Publications
2. Gillman C. P. (1915), The Dress of Women: A Critical Introduction to the
3. Symbolism and Sociology of Clothing- Green Wood publishing Group, USA
4. Schaefer T R. (2012), Sociology: A Brief Introduction-Tata Mc Graw Hill Publication
New York

MODEL QUESTION PAPER

B.Sc DEGREE (C.B.C.S.) EXAMINATION, NOVEMBER 2023

SEMESTER I - CORE COURSE

FD1C01B23 - SOCIOLOGY OF FASHION

Time: 3 Hours

Maximum Marks: 80

Part A

(Answer any ten questions 10. Each question carries 2 marks.)

Qn. No.	Questions	CO	Level of Question
1.	Cite any two Fashion Designers.	1	U
2.	Identify the fashion seasons.	1	U
3.	Describe the social reasons behind wearing clothes.	2	U
4.	Differentiate classic and FAD.	1	U
5.	Define modesty theory.	2	R

6.	Describe anti- fashion.	3	U
7.	Define consumer profile.	3	R
8.	Compare the 2 ways of data collection.	5	U
9.	Define classic.	1	R
10.	Describe fashion forecasting.	1	U
11.	Explain Trickle Across theory.	1	U
12.	Describe consumerism.	3	U

(10 x 2=20 marks)

Part B

(Answer any six questions. Each question carries 5 marks.)

Qn. No.	Questions	CO	Level of Question
13.	Discuss on recurring cycles.	1	U
14.	Describe trickledown theory.	1	U
15.	Differentiate cycle within cycle and interrupted cycle.	1	U
16.	Explain Adornment Theory.	2	U
17.	Describe conspicuous consumption.	1	U
18.	Discuss on Consumer identification with the fashion cycle.	1	U

19.	Explain fashion as the mirror of the society.	3	U
20.	Explain fashion semiotics in detail.	3	U
21.	Explain different ways of analyzing data collection.	5	U

(6x5=30 marks)

Part C

(Answer any two questions. Each question carries 15 marks.)

Qn. No.	Questions	CO	Level of Question
22.	Illustrate and explain fashion lifecycle, classic and FAD.	1	U
23.	Discuss on “How does clothing communicate”?	2	U
24.	Explain the evolution of costumes from medieval to modern periods.	1	U
25.	Explain market research, objectives and data collection methods.	5	U

(2x15=30 marks)

CO: Course Outcomes

Level: R – Remember, U – Understand, Ap- Apply, An- Analyze, E- Evaluate, C- Create

SEMESTER-I

CORE COURSE- APPAREL AND FASHION DESIGN

FD1CP01B23- FOUNDATION ART

Credits- 3

Total Lecture Hours - 72

Hours per week:4

Course Overview and Context: -

This subject helps in understanding the basic drawing and sketching skills required for Fashion Illustration.

This course helps to develop skills and thus build a career as freelance fashion illustrator.

Course Outcomes:

CO1: Practice the basic techniques of sketching. (Apply)

CO2: Sketch the different perspectives of an object. (Apply)

CO3: Illustrate basic fashion figures of 8 head and 10 head. (Apply)

CO4: Apply various colour mediums and colour combinations on to a design motif. (Apply)

CONTENT

Module I

(18 Hours)

Basic line drawing: - Vertical lines, horizontal lines, diagonal lines, Concentric circles, Ovals and Waves

Module II

(19 Hours)

Shading techniques and perspective drawing
Object Drawing: - Two and 3 dimensional forms of objects.
Live model drawing

Module III (25 Hours)

Basic 8 head croquis.
Basic 10 head croquis.

Module IV (10 Hours)

Painting in different mediums-pen, pencil, ink, watercolor, pastels, acrylic, and oil

Students are required to submit a record of all the work

References:

1. John Ireland. P., (1992), Introduction of Fashion Design- B.T Batsford Ltd, London
2. Mckelrey. K & Munslow, (2007), Illustrating Fashion- Blackwell Science, Australia
3. Seaman. J., (1996)- Fashion Illustration- Bt Batstor Ltd, London.

SEMESTER-I

**CORE COURSE- APPAREL AND FASHION DESIGN
FD1CP02B23 - BASIC SEWING TECHNIQUES**

Credits- 3

Total Lecture Hours – 72

Hours per week: 4

Course Overview and Content: -

The course aims to introduce students to various industrial machines and provide basic sewing skills of operating industrial sewing machines and finishing techniques for samples.

Course Outcomes:

- CO1:** Describe the basic sewing machine parts. (Understand)
CO2: Practice machine speed by stitching straight lines, broken lines, cornered lines, waves and concentric circles. (Apply)
CO3: Construct different types of seams and seam finishes, hem finishes, tucks and pleats. (Apply)
CO4: Apply the finishing techniques like placket finishing. (Apply)

Module-I (6 Hrs)

Introduction to Industrial Sewing Machine- Machine parts, Terminology, Safety Rules, care and maintenance Over lock machine and its application Basic Hand Stiches: (10"x10")

Temporary- even, uneven, diagonal basting

Permanent Stitches- Hemming(visible), Slip stitch(invisible), blanket, fagotting

Module-II (10 Hrs)

Stitching practice on Muslin- Straight lines, Broken Lines, Cornered Lines, Waves,
Concentric circles (10"x10")

Module-III (20 Hrs)

Seams: seam, Lapped, Bound, Self-enclosed French, Mock French, Flat felled, self-bound,
Decorative seam(pintucks)

Seam Finishes: Pinked, hand overcast, Bias bound, edge stitch (10"x10")

Module-IV (26 Hrs)

Decorative Hem- Piping, facing, ruffles

Fullness:

Tucks- Blind, Spaced

Pleats- Knife, Box, Inverted, Pleat with Separate underlay

Gathering, Ruffles, Godets (10"x10")

Module- V (10 Hrs)

Plackets- Continuous placket, tailored placket, inseam seam, Bound placket, Faced

Placket (10"x10")

References:

1. Pleasantville (2010), Complete guide to Sewing- The Reader's Digest Association.Inc. – New York/Montreal, Canada
2. Cooklin. G, (2012), Garment Designing for Fashion Designers – Blackwell, USA

SEMESTER-I

CORE COURSE- APPAREL AND FASHION DESIGN

FD1CP03B23 - SURFACE ADORNMENT

Credits – 3

Total Lecture Hours – 72

Hours per week:4

Course Overview and Content: -

This course helps in learning basic hand embroidery stitches, traditional Indian embroidery and other ornamentation techniques.

This course helps to develop skills and thus build a career in hand embroidery, printing and painting.

Course Outcomes:

- CO1:** Apply the basic stitches on to a fabric or product (Apply)
- CO2:** Apply the traditional embroideries like kantha, kutch, chikankari, kasuti, chamba on to a fabric or product (Apply)
- CO3:** Apply the various ornamentation techniques like tie and dye, block printing, stencil painting, fabric painting, smocking on to a fabric or product (Apply)
- CO4:** Create a design on an article by applying suitable surface ornamentation techniques. (Create)

CONTENT

Module I

(20Hrs)

Hand Stitches: - Running stitch, Back stitch, Stem stitch, Chain stitch, Lazy daisy stitch,

Buttonhole stitch, Feather stitch, Herringbone stitch, Bullion knot stitch, French knot stitch, Satin stitch, Cross stitch, Chevron stitch. (Sample size 8"x 8")

Module II

(20Hrs)

Traditional Indian Embroidery: - Kantha of West Bengal, Kutch and Mirror work of Gujarat, Chikankari of Uttar Pradesh, Kasuti of Karnataka, Chamba of Himachal Pradesh. (Sample size 8"x 8")

Module III

(20Hrs)

Other techniques of Fabric Ornamentation: - Tie and dye (Sun ray, leheria, bandhini, shibori and marble effect), Block printing (Wood and Vegetable blocks), Fabric painting (Techniques like Filling, Shading, dry brush, Stenciling, Spraying, Sponging). (Sample size 8"x 8")

Module IV

(6 Hrs)

Smocking- Honeycomb, Gathered with embroidery

Module V

(6 Hrs)

Fabric painting- Filling, Shading, Dry Brush, stenciling, Spraying, Sponging

Related Experience: -

Students have to maintain a record of all the samples.

Students are required to submit an article embellished by any of the techniques.

References: -

1. Vaine. J., (2011), The Art of Elegant Hand Embroidery, Embellishment and Applique Landauer Publishing, Urbandale, Iowa, USA
2. Elliot. M, Painting Fabric, Henry Holt and Company, New York
3. Shrijee, Indian Ethnic Textile Design, Shrijee's Book International, New Delhi

SEMESTER – II

CORE COURSE -APPAREL AND FASHION DESIGN

FD2CP04B23 - FASHION INTERPRETATION AND ILLUSTRATION

Credits- 3

Total Lecture Hours – 72

Hours per week:4

Course Overview and Context: -

This course is designed to familiarize the students in various fashion poses required for fashion illustration.

This course helps to develop skills and thus build a career as freelance fashion illustrator.

Course Outcomes

CO1: Analyze various fashion poses, facial features, silhouettes, garments and garment details (Analyze)

CO2: Illustrate various poses, facial features, silhouettes, garments and garment details (Apply)

CO3: Apply the various terminologies and garment details for communication (Apply)

CO4: Create various fashion boards for thematic collection design (Create)

CONTENT

Module I

(20 Hours)

Basic $\frac{3}{4}$ pose, side pose

Fashion frontal face – eyes, ears, nose, mouth and head

Module II

(32 Hours)

Figure analysis: - Figure study- conversion of 8 head to 10 head croquis.

Module III

(10 Hours)

Silhouette drawing –Skirts – A-line, circular, gored and flared, gore with godets, puff ball, wrap over, hobble/pencil, handkerchief, fish tail, petal, peplum, tiered.

Dresses – Shift, Strapless, Tent, Blouson, Dropped waist, Empire line, Princess line, cheongsam, Shirt dress, Fish tail, Peasant, Caftan

Module V

(5 Hours)

Introduction to garment details like necklines, sleeves, cuffs, collars, hemlines, tucks, pleats, and ruffles.

Module V

(5 Hours)

Introduction to design development- Inspiration Board, Mood board, Colour board, Swatch board

Related Experience: -

Students have to maintain a record of all the works

References: -

1. Riegelman. N., (2009), Face Fashion, Nine Heads Media- Los Angeles, USA.
2. John Ireland. P (1992), Introduction to Fashion Design – Unicorn B.T Batsford Ltd, London.
3. Barnes. C., (1988), Fashion Illustration, Little, Brown and Company- Boston New York, Toronto, London.
4. Mc Kelvey.C., (2009), Fashion Source Book, Blackwell Science/Wiley India Pvt Ltd, London.

SEMESTER – II

CORE COURSE -APPAREL AND FASHION DESIGN

FD2CP05B23- FLAT PATTERN MAKING

Credits – 3

Total Lecture Hours – 72

Hours per week:4

Course Overview and Context: -

The course aims to give a detailed knowledge about taking body measurement and drafting of basic pattern sets.

The course helps to develop pattern making skills for creating new designs and thus build a career in the designing field.

The course deals with creating patterns for women and kids wear, and collar variations for Men's wear.

Course Outcomes:

CO1: Measure body dimensions for developing pattern and select the symbols and instructions in the pattern draft (Evaluate)

CO2: Prepare basic pattern set (Apply)

CO3: Analyze the design details and select suitable principles and techniques in pattern making to develop variations of bodice, sleeve and skirt (Analyze)

CO4: Prepare Torso foundation (Apply)

CONTENT

Module I

(25 Hrs)

Basic Principles of flat pattern making - Tools, Industrial dress form, work room.

Model form and measurements – How to take body measurements – Taking measurements on dress forms

Importance and types of patterns drafting - Flat pattern drafting- draping-Standard Measurement chart Drafting the basic pattern set – Basic bodice front and back- Basic skirt front and back, Basic Sleeve, Basic Trouser (Standard size US 12 or UK 12).

Module II **(20Hrs)**

Design Analysis and the three major pattern making principles

Dart Manipulation – Using Slash and Spread technique and Pivotal Transfer technique (Single dart series – Mid shoulder dart, Center front waist dart, French dart, mid armhole dart and side bust dart.

Double dart series:

Slash and Spread Method- Waist & shoulder tip Dart, Mid Shoulder & Waist Dart, Mid Armhole& Center front Waist Dart

Pivotal Method- Mid neck dart and center front waist dart, side bust dart and center front waist dart

Module III **(10Hrs)**

Sleeve variations: Cap Sleeve (Straight hem and Curved hem), Puff at Cap, Puff at hem, Puff at hem and cap, Leg O Mutton, Bell Sleeve and Petal Sleeve.

Collar variations: Mandarin collar, Peter pan and Shirt collar.

Module IV **(12Hrs)**

Designing with darts: Dart Clusters (Shoulder or waist or bust cluster), Graduated darts. Added Fullness: - Fullness at dart legs of bodice (fullness at center front waist dart or fullness at french dart leg)

Skirt variations: - A line flared skirt, Godet skirt (4 godets or 6 godets), Gore skirt (8 or 12 gore) Circular skirt (full circular skirt)

Module V **(5Hrs)**

Basic Torso foundation development

Related Experience: -

Students should maintain a record of all patterns in ¼ scale (size US 12 or UK 12).

References: -

1. Armstrong H.J (2006), Pattern Making for Fashion Design, Prentice Hall New Jersey.
2. Natalie. B., (1987), Dress Fitting, Om Books Service, New Delhi.
3. Holman. G., (2013), Pattern Cutting Made Easy B.T Batsford Ltd. London.

SEMESTER – II

CORE COURSE – APPAREL AND FASHION DESIGN

FD2CP06B23- SEWING OF DESIGN DETAILS

Credits – 3

Total Lecture Hours – 72

Hours per week:4

Course Overview and Context: -

The course provides basic introduction to the stitching of various design details and its finishing methods. It helps the students to know various techniques to develop the patterns and application of necklines, collars and Pockets.

Course Outcomes

CO1: Construct different types of necklines. (Apply)

CO2: Apply different neckline finishing techniques. (Apply)

CO3: Construct and assemble various types of collars. (Apply)

CO4: Construct different types of patch pockets and inseam pockets. (Apply)

CONTENT

Module I

(22Hrs)

Necklines- U neck, V neck, Square, Sweet heart, Scoop, Boat with Key Hole, Glass, Asymmetrical

(Neckline samples size should be of 10” x 10”) [Neck width and depth for ‘U’ neck, ‘V’ neck

and Square, Asymmetrical neck is 3" width and 6" depth. For sweet heart neck and Scoop neck is 2 ½ "width and 6" depth.

For bateau neck 4 ½ width and 2 "depth and a key hole]

Module II (10 Hrs)

Neckline finishes – Shaped Facing, Piping, Bias Binding-single layer, double layer, Banded neck line (Which should be done in basic plain jewel neck)

[Neck width 2 ½ "and depth 3"] (Samples size should be of 10" x 10")

Module III (18 Hrs)

Collars- How to assemble a collar

Types of Collars- Flat Collar, Rolled collar, Stand collar, Tie Collar, Turtle Collar, Shirt Collar,

Peter-Pan Collar, Shawl Collar

Module IV (12Hrs)

Pockets:

Patch Pocket- Unlined patch pocket with Separate Flap, Lined Patch Pocket, Patch Pocket with Self Flap, Patch Pocket with Pleat, Pouched Patch Pocket

Module V (10Hrs)

Inside Pocket: Inseam Pocket, Hip Pocket, Slashed Pocket- Welt, Welt with Flap, Bound, Bound with Flap

Related experience: -

The students should maintain a record of all the samples (Neck lines, Pockets and Collars) in the mentioned sizes.

References: -

1. Reader's Digest Association., (1997), Complete guide to sewing-Pleasantville, New York
2. Shaeffer. C., (2011), Sewing for the apparel industry- Prentice Hall, New Jersey, USA
3. Cooklin. G., (2008), Garment technology for fashion designers- Book link- USA.

SEMESTER II

CORE COURSE – APPAREL AND FASHION DESIGN

FD2C02B23 - FASHION DESIGNING CONCEPTS

Credits – 4

Total Lecture Hours- 72

Hours per week: 4

Course Overview and Context: -

The course gives an insight to the elements and principles of fashion, which is inevitable for fashion.

Students are given assignments on color scheme developments that enables them to develop their skill in mixing colors.

Course Outcomes

CO1: Differentiate the types of designs. (Analyze)

CO2: Explain the elements of designs. (Apply)

CO3: Illustrate a color wheel and various color schemes. (Apply)

CO4: Describe the application of color in clothing. (Understand)

CO5: Explain the principles of design. (Apply)

CONTENT

Module I

(4Hrs)

Types of Design – Structural and Decorative

Module II

(20Hrs)

The elements of design: - Line – Vertical, Horizontal, Diagonal, Modular grid, Curvilinear and Kinetic. Form, Shape and Space - Form, Shape, Space (positive and negative), Shape within shape Texture and light - Actual texture, Simulated texture, Abstract texture
Structural element of fabric – fibre, yarn, construction, and finish
Light - Light and Surface, Light Categories - Reflected light, represented light, emitted light, project light.

Module III

(18Hrs)

Colour theory: -
Primary, secondary, tertiary, and colour wheel- Prang colour system
Tints and Shades of colour
Colour Schemes - Analogous, Complementary, Split complementary, Triad schemes. Warm and Cool colours
Colour dimensions - Hue, value and chroma.

Module IV

(8 Hrs)

Application of colour in colour in clothing
Seasonal colours

Module V

(22Hrs)

Designing principles: -
Balance – horizontal, vertical, symmetry and asymmetry and radial balance.
Emphasis - Isolation, contrast, placement, repetition and radiation.
Proportion
Rhythm - Repetition, progression, alternation, grid, broken rhythm, transition. Unity

References: -

- 1.Ellinwood. J G., (2011), Fashion by Design, Fairchild Books, New York
- 2.Bevlin. M. E., (1985), Design Through Discovery, Wadsworth Publishing, Susan Katz.
- 3.Lauer D.A., (2001), Design Basics, Clark Baxter, Boston, USA
- 4.Dr. Kaur. N., Comdex Fashion design, Kogent learning solutions, New Delhi

SEMESTER III
CORE COURSE – APPAREL AND FASHION DESIGN
FD3CP07B23 - FASHION ILLUSTRATION AND STYLIZATION

Credits – 3
Hours per week: 4

Total Lecture Hours – 72

Course Overview and Context: -

The course provides detailed knowledge about the stylization of croquis and an introduction to colour rendering of different fabrics and prints. Students create their own style to illustrate a croquis and using various textures.

The course helps to develop skills and thus build a career in illustration, sketching and stylization.

The course deals with rendering different fabrics and prints which can be applied for designing garments for women, men and kids.

Course Outcomes:

CO1: Illustrate stylized fashion figures using different kinds of medium. (Apply)

CO2: Develop stylized fashion illustration of croquis (Create)

CO3: Practice color rendering techniques in silhouettes. (Apply)

CO4: Develop fabric textures using color rendering and croquis stylization using various kinds of paper. (Apply)

CONTENT

Module I

(18 Hrs)

Stylization of croquis using different kinds of media for different assignment

Module II (18 Hrs)

Stylized fashion illustration – students should create their own style of illustrating croquis
(Minimum 10 Nos.)

Module III (10 Hrs)

Introducing colour rendering- Solids, Prints-Checks, Stripes, Floral, Dots

Module IV (10 Hrs)

Colour rendering for the fabrics- Denim, Satin, Velvet, Leather, chiffon, Lace

Module V (16 Hrs)

Stylization of croquis using different kinds of paper

Related Experience:

Students have to maintain a record of all the work.

References: -

1. Nunnally C.A., (2009), Fashion Illustration School- Thames & Hudson, UK.
2. John Ireland. P., (1992), Introduction to Fashion Design, B.T. Batsford Ltd, London
3. Drake. N., (1994), Fashion Illustration Today- Thames & Hudson, UK.
4. Seaman. J., (1996), Fashion Illustration Basic Techniques- B T Batsford Ltd., London

SEMESTER III

CORE COURSE-APPAREL AND FASHION DESIGN

FD3CP08B23- ADVANCED SEWING DESIGNS

Credits- 3
Hours per week:4

Total Lecture Hours- 72

Course Overview and Context: -

The course provides the students to various sleeve variations, techniques and application of sleeves, sleeve finishes, cuffs and fasteners.

Course Outcomes

CO1: Construct different types of sleeves (Apply)

CO2: Apply various kinds of finishes on sleeves in garments (Apply)

CO3: Apply various types sleeve of cuffs in garments (Apply)

CO4: Apply the different types of fasteners in garments (Apply)

CONTENT

Module I (30 Hrs)

Sleeves: -

Sleeveless- with facing, set-in-sleeve–half sleeve, puff sleeve, flared sleeve, full sleeve, petal sleeve, leg-o-mutton sleeve, bishop sleeve, cap sleeve

Raglan sleeve, kimono sleeve

Module II (12 Hrs)

Sleeve Finishes: -

Self-hem, faced hem, double binding and casing

Module III (10 Hrs)

Cuff application: -

Basic shirt cuff, French cuff and continuous cuff

Module IV (10 Hrs)

Fasteners:

Hooks And Eye- Hand, Press Studs, Velcro

Positioning Buttons and button Holes- Handmade & Bound Button Hole

Module V (10 Hrs)

Zipper application: Centre standard zipper, Lapped, Concealed zipper, Fly zipper, Open ended zipper

Related experience: -

The students should maintain a record of all the samples (Sleeves and fasteners) in the mentioned sizes.

References: -

1. Pleasantville., (2010), Complete guide to Sewing- The Reader's Digest Association. NC, New York/ Montreal, Canada
2. Shaeffer. C., (2011), Sewing for the Apparel Industry, Prentice Hall.
3. Cooklin. G., (2008), Garment Technology for Fashion Designers, Wiley India Pvt Ltd, USA.

SEMESTER - III

CORE COURSE – APPAREL AND FASHION DESIGN

FD3C03B23 - HISTORY OF ART

Credits – 4
Hours per week: 5

Total Lecture Hours – 90

Course Overview and Context: -

The course provides an eye for appreciation of art.

The course will develop skill to identify traditional Indian and World paintings and will enable to impart the painting techniques to others.

Course Outcomes:

CO1: Describe the history of painting (Understand)

CO2: Discover the Indian Culture through the traditional paintings of India (Understand)

CO3: Discuss about the evolution of world painting (Understand)

CO4: Interpret the art of the Middle Ages (Understand)

CO5: Describe the paintings of modern era. (Understand)

CONTENT

Module I (15Hrs)

History of painting

Module II (20 Hrs)

Indian Painting

Cave Painting of India – Ajanta, Ellora , Bagh , Sittanvasal, Bhimbetka, Rajput Painting,

Mughal Painting , Pittoro Painting, Madhubani Painting, Pahari Painting, Warli painting,

Pattachitra, Mysore Painting, Tanjore Painting, Kerala Murals, and Kalamkari.

Module III (15Hrs)

World Painting

Ancient World

Pre historic art – Paleolithic, Egypt, Greece & Rome: ‘Classical’ art.

Module IV (20Hrs)

Middle Ages, Byzantine Art & Christianity art, Islam art, Medieval European Art – Gothic, and Renaissance art

Module V

(20Hrs)

Modern Art

Neo Classicism, Romanticism, Realism, Impressionism, pointillism, Symbolism, Art Nouveau, Cubism, Futuristic, Art deco, Surrealism, Expressionism, Fauvism, Abstract art, Art Deco, Pop art, kinetic art, Op art, Graffiti, and Contemporary art

References:

1. Janson H.W, Janson A.F., (2003), History of Art (sixth edition), Prentice Hall College division.
2. Muray. P., (1985), Art of The Renaissance, Thames and Hudson, UK
3. Seth. M., (2006), Indian Painting, The Great Mural Tradition, Mapin Publisher, Ahmedabad
4. Kumar. R., Encyclopedia of Indian Painting, Anmol Publishing, New Delhi.
5. Daljeet, Jain P.C., (2007), Indian Miniature Painting, Noida

SEMESTER – IV

CORE CORSE – APPAREL AND FASHION DESIGN

FD4C04B23- HISTORY OF WESTERN COSTUME

Credits- 4

Total Lecture Hours-72

Hours per week: 4

Course Overview and Context: -

The course gives an overview on early century western costumes.

The student will be able to get inspirations for their final collection and portfolio.

Course Outcomes:

- CO1:** Explain about the evolution of clothing and understand the costumes of prehistoric, Mesopotamian and Asiatic Empires. (Understand)
- CO2:** Express about the costumes, accessories, hairstyle and footwear of Ancient Greek, Rome Byzantine and Middle Ages. (Understand)
- CO3:** Explain about the costumes, accessories, hairstyles of Europe through Northern Renaissance, Directorie and Empire period. (Understand)
- CO4:** Explain about the costumes, accessories, footwear of Romantic Period, Crinoline Period, Bustle Period
- CO5:** Discuss about the costumes from 1900s to the present era. (Understand)

CONTENT

Module I

(7Hrs)

Beginning of costume: Body decoration, Body ornamentation

Costumes, Head Dress & Hairstyle, Footwear and Accessories of:

Pre-Historic, Mesopotamian - Assyria, Egypt

Asiatic Costume - China and Japan

Module II

(20 Hrs)

Ancient Costumes, Head Dress & Hairstyle, Footwear and Accessories of:

Greece, Roman and Byzantine, Middle Ages (Early and Gothic Period)

Module III

(20Hrs)

Costumes, Head Dress & Hairstyle, Footwear and Accessories of: Renaissance -Northern

Renaissance, Directorie and Empire period,

Module IV

(20Hrs)

Costumes, Head Dress & Hairstyle, Footwear and Accessories of:

Romantic Period, Crinoline Period, Bustle Period

Module V (To be covered as assignments for internal assessment only)

(5 Hrs)

Costumes of Twentieth Century - Edwardian Era and World War I, Twenties, Thirties and World War II, The New Look and Beyond, Vietnam Era, Origins of major Fashion Trends

References: -

1. Yarwood.D., (1992), Fashion in the western world- Trafalgar Square
2. Bradely C.G., (2013), Western World Costume, An Outline History, Dover Publications
3. Tierney.T., (2003), Historic Costume, From ancient times to renaissance, Dover Publications
4. W. Bruhn and Tilke. M- (1991)- A Pictorial History of costume – Pepin Press.

SEMESTER – IV
CORE COURSE – APPAREL AND FASHION DESIGN
FD4CP09B23- FASHION ILLUSTRATION AND RENDERING TECHNIQUES

Credits - 3
Hours per week:4

Total Lecture Hours - 72

Course Overview and Context: -

The course provides knowledge on draping of garments on a croquis, children's and men's croquis and conceptualizing and illustrating garments based on themes, concepts and occasions. The course helps to develop illustration, sketching, stylization and designing skills and thus build a career in fashion design and illustration.

The course deals with designing garments for women, men and kids based on various occasions and concepts.

Course Outcomes:

- CO1:** Design garments on croquis using different draping techniques. (Create)
- CO2:** Illustrate children's croquis of different ages in casual wear, play wear, and party wear. (Apply)
- CO3:** Illustrate various poses of men's and women's croquis and drape the croquis in casual wear, Formal wear and ethnic wear. (Apply)
- CO4:** Create a concept and design a collection of garments. (Create)

CONTENT

Module I (17Hrs)

Basic children's croquis- New born, 1 year, 2 years, 4 years, 6 years, 8 years, 10 years, 12 years, 16 years
Draping of garments on Kid's croquis- play wear, uniform and party wear

Module II (15Hrs)

Basic men's croquis and pose variation
Draping of garments on Men's croquis- casual, formal and party wear
Men's wear designs- casual, formal and party wear

Module III (15Hrs)

Draping of garments on Women's croquis- casual, formal and ethnic wear.

Module IV (10Hrs)

Design garments for plus size men/ women and illustrate on stylized figures- Formal and wedding wear

Module V

(15Hrs)

Conceptualize, design and illustrate a thematic collection of 5 garments.

Related Experience

Students should submit the record of all the work.

References: -

1. Garthe. M. (1996)., Fashion and Color, Rockport publishers, Massachusetts
2. Drake. N, (1994), Fashion Illustration Today, Thames & Hudson, London
3. Nunnely C.A., (2009), Fashion Illustration School, Thames & Hudson, London

SEMESTER – IV
CORE COURSE – APPAREL AND FASHION DESIGN
FD4CP10B23 - INDIAN CLOTHING CONSTRUCTION

Credits - 4
Hours per week: 5

Total Lecture Hours - 90

Course Overview and Context

The course provides students to acquire the basic aspects of Indian garment construction. The course will help to develop the concept of garment making and appropriate laying of fabrics.

The students will learn patternmaking and drafting of the garments which will help them in starting a new venture.

Course Outcomes:

CO1: Develop appropriate laying of paper patterns on fabric, maximum utilization of fabric, accurate cutting and preparation for sewing. (Apply)

CO2: Construct Basic Kameez (Apply)

CO3: Construct Basic Salwar and Pajama (Apply)

CO4: Construct Basic Choli (Apply)

CO5: Construct Churidar and Men's Kurta with mandarin collar (Apply)

CONTENT

Module I **(3Hrs)**

Introduction – Appropriate laying of paper patterns on fabric, maximum utilization of fabric, accurate cutting and preparation for sewing.

Module II **(20Hrs)**

Construction of basic Kameez (Straight cut or A-line)

Module III **(25Hrs)**

Construction of basic Salwar

Construction of Pyjama

Module IV **(12Hrs)**

Construction of Basic Choli

Module V

(30Hrs)

Construction of Men's Kurta with mandarin collar

Construction of Churidar

Related Experience: -

All the garments should be constructed and maintain a record.

Paper Patterns are to be made before the construction of each garment.

References: -

1. Sodhia. M., (2007)., Garment Construction, Kalyani Publisher, Ludhiana, Punjab.
2. Singh B, Clothing Textiles and Garment Production, Vastra Vigyam Evam Paridhan.
3. Zarpkar.K.R., (2008), Zarpkar system of cutting, Navaneeth Publishing, Mumbai, India.

SEMESTER – IV

CORE COURSE – APPAREL AND FASHION DESIGN

FD4CP11B23- FUNDAMENTALS OF DESIGN THINKING

Credits - 3
Hours per week: 4

Total Lecture Hours - 72

Course Overview and Context: -

The course enables the student to develop a solution through a design thinking process. The course applies the knowledge of solution-based thinking to various activities. This subject helps students to identify a social issue and find a solution (environmentally friendly) according to the individual (men & women) needs and problems.

Course Outcomes:

- CO1:** Explain the stages of design thinking. (Analyze)
- CO2:** Choose an appropriate solution after defining the problem. (Evaluate)
- CO3:** Create a prototype as a solution to the identified problem. (Create)
- CO4 :** Analyze the suitability of the prototype by implementation according to the requirement. (Analyze)

CONTENT

Module I (25 Hrs)

Introduction to Design Thinking
Process - Brain Storming- Stage I Emphasis

Module II (12Hrs)

Define - State users need and problems

Module III (12Hrs)

Ideate - Design Thinking

Module IV (10Hrs)

Prototyping Development

Module V (13Hrs)

Test stage

Students has to submit a detailed report on the above - mentioned design thinking process and develop and submit a product.

References: -

1. Lockwood.T., (2009)- Design Thinking Integrating Innovation Customer Experience and Brand Value, Allworth Press New York.
2. Ambrose.G, Harris.P., (2009)- Design Thinking, AVA, Bloomsbery Publishing Pvt Ltd-Switzerland.

SEMESTER V

CORE COURSE- APPAREL AND FASHION DESIGN

FD5C05B23- - ENVIRONMENTAL STUDIES & HUMAN RIGHTS

Credits- 4

Total Lecture Hours - 72

Hours per week: 4

Course Overview and Context: -

Environmental Education encourages students to research, investigate how and why things happen, and make their own decisions about complex environmental issues by developing and enhancing critical and creative thinking skills. The course aims to create a positive attitude about the environment, encourages character building, and develops positive attitudes and values.

The course will develop the sense of awareness among the students about various environmental problems and to help the students in realizing the inter-relationship between man and environment and help to protect nature and natural resources.

It helps to foster a new generation of informed consumers, workers, as well as policy or decision makers.

Course Outcomes: -

- CO1:** Discuss about concept, structure and function of an ecosystem and the scope and importance of various natural resources (Understand)
- CO2:** Explain about the various biodiversity and its conservation, social issues and the environmental pollution (Understand)
- CO3:** Discover the environmental impact of the clothing industry and fashion (Understand)
- CO4:** Discuss about the ethical issues and major problems in fashion industry (Understand)
- CO5:** Discuss about the role of human rights in conservation of natural resources (Understand)

CONTENT

ENVIRONMENTAL STUDIES

Module I

Unit 1: Multidisciplinary nature of environmental studies

(2 hrs)

Definition, scope and importance. Need for public awareness

Unit 2: Natural Resources : (10 hrs)

Renewable and non-renewable resources : Natural resources and associated problems.

- a) **Forest resources** : Use and over-exploitation, deforestation, case studies.
Timber extraction, mining, dams and their effects on forest and tribal people.
- b) **Water resources** : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
- c) **Mineral resources** : Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
- d) **Food resources** : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, Water logging, salinity, case studies.
- e) **Energy resources**: Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources, Case studies.
- f) **Land resources**: Land as a resource, land degradation, man induced landslides, soil erosion and desertification. Role of individuals in conservation of natural resources. Equitable use of resources for sustainable lifestyles.

Unit 3: Ecosystems (6 hrs)

Concept of an ecosystem

Structure and function of an ecosystem

Producers, consumers and decomposers

Energy flow in the ecosystem

Ecological succession

Food chains, food webs and ecological pyramids

Introduction, types, characteristic features, structure and function of the given ecosystem: -Forest ecosystem

Module II

Unit 1: Biodiversity and its conservation (8 hrs)

Introduction

Biogeographically classification of India

Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.

India as a mega-diversity nation

Hot-spots of biodiversity

Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts

Endangered and endemic species of India

Unit 2: Environmental Pollution

(8 hrs)

Definition

Causes, effects and control measures of: -

- a. Air pollution
- b. Water pollution
- c. Soil pollution
- d. Marine pollution
- e. Noise pollution
- f. Thermal pollution
- g. Nuclear hazards
- h. Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- i. Role of an individual in prevention of pollution

Pollution case studies

Disaster management: floods, earthquake, cyclone and landslides.

Unit 3: Social Issues and the Environment

(10 hrs)

- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management

Resettlement and rehabilitation of people: its problems and concerns, Case studies

Environmental ethics: Issues and possible solutions

Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, Case studies

Consumerism and waste products

Environment Protection Act

Air (Prevention and Control of Pollution) Act

Water (Prevention and control of Pollution) Act

Wildlife Protection Act

Forest Conservation Act

Issues involved in enforcement of environmental legislation

Public awareness

ENVIRONMENT AND FASHION

Module – III

Unit 1: Waste Couture (4 hrs)

The Environmental Price of Fashion

Environmental Impact of the clothing industry

Unit 2: Fashion Forward (6 hrs)

Eco-fashion

Sustainable fashion

Natural as well as recycled fibers in cloth industry

Concept of traction

Module – IV

Unit 1: Ethical issues in fashion (5 hrs)

Basic concepts

Ethical fashion design

Production

Marketing

Unit 2: Major issues (5 hrs)

working conditions

exploitation

fair trade

sustainable production

the environment and animal welfare

Joanne Finkelstein's Theory of 'response to Environment' – Chic Theory

HUMAN RIGHTS

Module – V (8 Hrs)

Unit 1- Human Rights–

An Introduction to Human Rights, Meaning, concept and development, Three Generations of Human Rights (Civil and Political Rights; Economic, Social and Cultural Rights).

Unit-2 Human Rights and United Nations

Contributions, main human rights Related organs - UNESCO, UNICEF, WHO, ILO, Declarations for women and children, Universal Declaration of Human

Rights.

Human Rights in India – Fundamental rights and Indian Constitution, Rights for children and women, Scheduled Castes, Scheduled Tribes, Other Backward Castes and Minorities

Unit-3 Environment and Human Rights

Right to Clean Environment and Public Safety: Issues of Industrial Pollution, Prevention, Rehabilitation and Safety Aspect of New Technologies such as Chemical and Nuclear Technologies, Issues of Waste Disposal, Protection of Environment

Conservation of natural resources and human rights: Reports, Case studies and policy formulation. Conservation issues of western ghats- mention Gadgil committee report, Kasthurirengan report. Over exploitation of ground water resources, marine fisheries, sand mining etc.

Internal: Field study

Visit to a local area to document environmental grassland/ hill /mountain

Visit a local polluted site – Urban/Rural/Industrial/Agricultural Study of common plants, insects, birds etc

Study of simple ecosystem-pond, river, hill slopes, etc

(Field work Equal to 5 lecture hours)

Text book:

Ushamani M, Sheela D, Priya K Nair, Saritha Chandran A, Swathy Varma P R, Environmental Studies, First edition, 2017, Teresian Publishing House, St. Teresa's College, Ernakulam

References: -

1. Bharucha Erach, Text Book of Environmental Studies for undergraduate Courses. University Press, IInd Edition 2013 (TB)
2. Clark.R.S., Marine Pollution, Clanderson Press Oxford (Ref)
3. Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T.2001 Environmental Encyclopedia, Jaico Publ. House. Mumbai. 1196 p.(Ref)
4. Dc A.K.Environmental Chemistry, Wiley Eastern Ltd.(Ref)
5. Down to Earth, Centre for Science and Environment (Ref)
6. Heywood, V.H & Watson, R.T. 1995. Global Biodiversity Assessment, Cambridge University Press 1140pb (Ref)
7. Jadhav.H & Bhosale.V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284p (Ref)
8. Mekinney, M.L & Schock.R.M. 1996 Environmental Science Systems & Solutions. Web enhanced edition 639p (Ref)
9. Miller T.G. Jr., Environmental Science, Wadsworth Publishing Co. (TB)
10. Odum.E.P 1971. Fundamentals of Ecology. W.B. Saunders Co. USA 574p (Ref)

11. Rao.M.N & Datta.A.K. 1987 Waste Water treatment Oxford & IBII Publication Co.Pvt.Ltd.345p (Ref)
12. Rajagopalan. R, Environmental Studies from crisis and cure, Oxford University Press, Published: 2016 (TB)
13. Sharma B.K., 2001. Environmental Chemistry. Geol Publ. House, Meerut (Ref)
14. Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell Science (Ref)
15. Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Standards, Vol I and II, Enviro Media (Ref)
16. Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (Ref)
17. Wanger K.D., 1998 Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p (Ref)
18. (M) Magazine (R) Reference (TB) Textbook

Environment And Fashion

1. Finkelstein. J (1995), Chic Theory, Australian Humanities Review, Monash University
2. Andrew, Tucker & Kingswell. T (2000), Fashion: A Crash Course, Watson-Guptill Publications, New York
3. Dr. Innes. C.D (1993), What Do Your Clothes Say About You? Proclaim & Defend ,New York
4. Alison, Lurie (1981), The Language of Clothes, Random House, New York
5. Allen, Carlson (2001), Environmental Aesthetics, The Rutledge Companion to Aesthetics Routledge, London
6. Finkelstein. J., (1991),The Fashion and Self , Oxford publishers, USA.

Human Rights

7. Amartya Sen, The Idea Justice, New Delhi: Penguin Books, 2009.
8. Chatrath, K. J.S., (ed.), Education for Human Rights and Democracy Shimla: Indian Institute of Advanced Studies, 1998)
9. Law Relating to Human Rights, Asia Law House,2001.
10. Shireesh Pal Singh, Human Rights Education in 21st Century, Discovery Publishing House Pvt.Ltd, New Delhi,
11. S.K. Khanna, Children and The Human Rights, Common Wealth Publishers,1998.2011.
12. Sudhir Kapoor, Human Rights in 21st Century, Mangal Deep Publications,
13. Jaipur,2001.
14. United Nations Development Programme, Human Development Report 2004:
15. Cultural Liberty in Today's Diverse World, New Delhi: Oxford University Press 2004.

SEMESTER -V

CORE COURSE – APPAREL AND FASHION DESIGN

FD5CP12B23- WESTERN CLOTHING CONSTRUCTION

Credits - 3

Total Lecture Hours - 108

Hours per week: 6

Course Overview and Context: -

The course provides knowledge about the pattern making, construction and finishing of western garments.

It helps the students to develop skill in drafting and making western garments.

Course Outcomes:

CO1: Construct Basic Trouser (Apply)

CO2: Construct skirt and bodice variation (Apply)

CO3: Construct dress variations (Torso) (Apply)

CO4: Construct a Shirt with shirt collar and half sleeve (Apply)

CONTENT

Module I

(20Hrs)

Construction of Basic Trouser

Module II

(20Hrs)

Construction of any one Skirt variation: - (4 or 6 Godet skirt / 8 or 12 gore skirt / Full Circular Skirt)

Module III

(25Hrs)

Construction of any one bodice variation: - (Bodice with fullness / Halter Neck / Off - Shoulder)

Module IV

(15Hrs)

Construction of a dress variation (Torso): - (Tent dress / Flared dress with Princess line)

Module V

(28Hrs)

Construction of culotte from skirt

Related Experience: -

Students should make the paper patterns before the construction of each garment in size US 12/UK12)

Construct all the four garments and submit at the time of external evaluation.

References: -

1. Complete guide to Sewing (2010), Readers Digest Association, Pleasant Ville, New York.
2. Armstrong H.J., (2006), Pattern Making for Fashion Design, Fairchild Books, London
3. Callahan. E, Edna, Barry. E., (2008)- Garment Construction, Wild press, USA
4. Evelyn M.A, (1974), Clothing Construction, Houghton Mifflin, Harcourt, Boston.

SEMESTER - V
CORE COURSE – APPAREL AND FASHION DESIGN
FD5CP13B23 - COMPUTER AIDED FASHION DESIGN

Credits - 3

Total Lecture Hours - 90

Hours per week:5

Course Overview and Context: -

The course provide knowledge about designing garments for women, men and kids based on various occasions and concepts using various layouts in software.

The course helps to develop skills and thus build a career in digital fashion illustration and digital designs.

The course deals with rendering the designs in digital format by which they can communicate their ideas more effectively.

Course Outcomes

CO1: Illustrate graphics and layouts for different digital art work using the tools of photoshop (Apply)

CO2: Apply various textile prints on different products using photoshop tools (Apply)

CO3: Illustrate a variety of digital art works using the tools of adobe illustrator (Apply)

CO4: Design a collection of garments based on a concept and develop a garment specification sheet using adobe illustrator (Create)

CONTENT

Module I (10Hrs)

Introduction to photoshop tools - Activity 1-5, Greeting card designing, Logo designing, Photo manipulation

Module II (20Hrs)

Black and white image to colour, Changing existing colour of an image, Development and application of textile prints.

Module III (25Hrs)

Thematic Pre-Collection, creating mood board, and colour board based on the collection, Draping garments on croquis, Color rendering of garments.

Module IV (25Hrs)

Introduction to Adobe Illustrator, Creating Specification sheet in Adobe Illustrator, Retouching old photo, Cartoonify a photo.

Module V

(10Hrs)

Layout planning for portfolio

References: -

1. Johnson. S (2008), Adobe Illustrator CS4 on Demand, Que, Pearson Publications, Noida.
2. Hall. P, Vereker. F & Centner. M (2011), Fashion Designer's Handbook for Adobe Illustrator – John Wiley & Sons
3. Adobe Creative Team, (2010), Adobe Photoshop CS5 Class Room in a Book , Adobe Press.com
4. Dayton. A (1999), Addison - The Corel draw Wow, Peach pit Press - Wesley, Texas

SEMESTER - V
CORE COURSE – APPAREL AND FASHION DESIGN
FD5CP14B23 - CHILDREN'S CLOTHING

Credits - 3

Total Lecture Hours - 108

Hours per week: 6

Course Overview and Context: -

The course provides knowledge about taking body and form measurement. It helps the students to know about drafting and construction of children's basic garments for both the genders. Students acquire the knowledge about the variations of basic pattern sets.

Course Outcomes:

CO1: Distinguish between sizes and measure body dimensions of children (Evaluate)

CO2: Construct cradle frock and frock variation for kids (Apply)

CO3: Construct kids' shirt, skirt variation and flared shorts (Apply)

CO4: Develop a theme-based kids wear. (Create)

CONTENTS

Module I (10Hrs)

Introduction to Children's wear – Size categories –Taking body measurements –
Standard chart for boys and girls

Module II (20Hrs)

Construction of Cradle frock, Romper for the age group of 6 months to 1 year

Module III (25Hrs)

Construction of a frock (Tent dress or a frock with a peter pan collar and a yoke) for the age group of 1 year to 5 years

Module IV (28 Hrs)

Construction of a Skirt (Straight skirt or tiered skirt or Skirt with a yoke and gathers) for the age group of 7 years to 12 years)

Construction of a kid's wear based on a theme.

Module V (25Hrs)

Construction of Shorts (Flared shorts or knickers) for the age group of 5 years to 7 years.

Construction of a shirt with collar and half sleeve for boys (age group 3 years to 12 years)

Related Experience: -

Students are required to submit all the constructed garments at the time of the external evaluation

References: -

1. Aldrick. W, (2009), Metric Pattern Cutting for children 2 to 14 years, Blackwell Science, Australia.
2. Singer sewing for children, (1999), Creative publishing International, Chanhassen, Minnesota.
3. Hardy.E, U.S, Making Children's Clothes – Cico Books, London

SEMESTER - VI
CORE COURSE – APPAREL AND FASHION DESIGN
FD6CP15B23- THEMATIC LINE DEVELOPMENT

Credits - 5

Total Lecture Hours - 198

Hours per week: 11

Course Overview and Context: -

A contemporary perception towards fashion is created by equipping them to develop innovative design solutions for men and women.

The student will conceptualize and develop a collection of at least five garments.

The course provides knowledge on entrepreneurial culture and the benefits of becoming Entrepreneurs.

Course Outcomes:

CO1: Develop a thematic line by applying theoretical and practical knowledge (Apply)

CO2: Create a theme board and mood board with the selected theme. (Create)

CO3: Select fabrics and trims related to their theme. (Evaluate)

CO4: Apply embellishment details to the fabric. (Apply)

CO5: Construct the garments using the fabrics selected through construction techniques. (Create)

CO6: Assemble their collection in a professional way (Create)

CONTENT

The students should submit a record and the garments based on the theme at the time of external evaluation.

SEMESTER - VI
CORE COURSE – APPAREL AND FASHION DESIGN
FD6CP16B23 - JEWELLERY DESIGNING

Credits- 3

Total Lecture hours - 72

Hours per week: 4

Course Overview and Context: -

This course gives an overview of creating patterns for rings, bangles, necklaces, anklets, nose rings, earrings, waist bands etc using metals, beads, stones, air dry clay etc.

The course will help student to develop skill in designing and making of various jewellery items

It will enable students to become successful jewellery designers

Course Outcomes:

CO1: Identify different types of metal and gold finishes (Remember)

CO2: Explain about different types of jewellerys of India (Understand)

CO3: Construct different fashion accessories (Create)

CO4: Develop a jewellery based on a theme (Apply)

CONTENT

Module I (10Hrs)

Introduction to gold and metallurgy

Module II (20Hrs)

History of Indian jewellery – Designing of jewellery on the basis of:

Ancient, Rajasthan, Mughal, South Indian (Tamil Nadu, Kerala), Tribal, Bengal

Module III (12Hrs)

Accessories –Hats, belts, bags and footwear (to develop 1 each)

Module IV (20Hrs)

Design jewellery based on ancient influences - Egyptian and Roman

Module V (10Hrs)

Material exploration –Develop a set of jewelry using eco-friendly material in a creative design

Related Experience: -

The students are required to make innovative thematic jewelries and accessories. The students are required to submit the record during the external evaluation.

References: -

1. Balakrishnan R U., Sushilkumar M., (2006), Indian Jewellery Dance of Peacock, India Book House Ltd, Mumbai
2. Clarke D., (1998), African Hats and Jewellery, Chartwell Books INC, New Jersey.
3. Sehuman W., (2000), Gemstones of The World, Sterling Publications, New York

SEMESTER - VI
CORE COURSE – APPAREL AND FASHION DESIGN
FD6CP17B23- PORTFOLIO PRESENTATION

Credits - 3

Total Lecture Hours - 108

Hours per week: 6

Course Overview and Context: -

The course is about creating a design portfolio which includes a compilation of designs and artwork showcasing a student's style.

The course will help to students to document all their best presentable work which in turn will portray her area of interest.

Course Outcomes: -

CO1: Select the best presentable art and project works to be included in the portfolio (Evaluate)

CO2: Compile the art and project works in a creative manner using specified layouts (Create)

CO3: Create a portfolio based on a selected theme (Create)

CONTENT

Compilation of the best works in a Portfolio, E Portfolio, Flip Book

References: -

1. Tain.L., (2004), Portfolio Presentation for Fashion Designers, Fairchild Books, New York

SEMESTER - VI

CORE COURSE – APPAREL AND FASHION DESIGN

FD6CP19B23 - STATE WISE ASSIGNMENT

Credits - 1

Total Lecture hours - 0

Course Overview and Context:

The course researches about different traditional dances, costumes, food, textiles and handicrafts of states of India

It will help in realizing the inter-relationship between man and culture and preserving our traditions.

The course ensures that students to learn marketability skills by employing sustainable solutions. The course will impart the knowledge by giving innovative solutions for product development by learning different lifestyle, arts and crafts, culture, customs and costumes of the people of a particular state of India

Course Outcomes:

CO1: Analyze the life-style, culture, customs and costumes of people of a particular state of India. (Analyze)

CO2: Role play the traditional dances, occupations, food textiles and handicrafts. (Create)

SEMESTER - VI

CORE COURSE

FD6PRB23 – PROJECT WORK

Credits - 4

The course will impart the knowledge for giving innovative solutions for product development.

The course deals with designing products for men and women based on various occasions and concepts.

This course encourages the students to take up the projects in association with self-help groups, local artisans and NGOs.

The course ensures that students learn marketability skills by employing the design thinking process.

Course Outcomes: -

CO1: Select an indigenous artisan and do an actual study among them to understand their problems. (Evaluate)

CO2: Examine the problems faced by the artisans and provide solution for the problems (Apply)

CO3: Develop an innovative solution through product development and its marketability (Create)

CO4: Design an innovative product having utilitarian purpose. (Create)

CO5: Create the product and study its market feasibility. (Create)

SYLLABI FOR OPEN COURSES

SEMESTER - V

OPEN COURSE

FD5D01AB23- ELEMENTS AND PRINCIPLES OF DESIGN

Credits - 3

Total Lecture Hours - 72

Hours per week: 4

Course Overview and Context: -

The course provides a knowledge about the elements and principles of design which is basic need for a design.

Students will develop knowledge on color scheme developments that enables them to develop their skill in mixing colors.

Course Outcomes:

CO1: Explain the elements of designs and differentiate the types of lines. (Apply)

CO2: Illustrate a color wheel and various color schemes. (Apply)

CO3: Describe the application of color in clothing. (Understand)

CO4: Explain the principles of design. (Apply)

CONTENT

Module I

(18Hrs)

The elements of design:- Line – Vertical, Horizontal, Diagonal, Modular grid, Curvilinear and Kinetic. Form, Shape and Space - Form, Shape, Space (positive and negative), Shape within shape
Texture and light

Module II

(16Hrs)

Functions of lines

Different types of lines & its characteristics.

Use of line in clothing according to body shape.

Module III

(18 Hrs)

Color theory: -

Primary, secondary, tertiary colors, Color wheel-Tints and Shades of color

Color Schemes - Analogous, Complementary, Split complementary, Triad schemes. Warm and Cool colors

Color dimensions - Hue, value and chroma.

Colors meaning

Module IV

(10 Hrs)

Application of color in clothing

Seasonal colors

Module V

(10 Hrs)

Designing principles: -

Balance, Emphasis, proportion, Rhythm, Unity

Fibonacci series, Project - Doll Mannequin, designing a shift dress using EOD and POD

References: -

1. Ellinwood. J G (2011), Fashion by Design, Fairchild Books, New York
2. Bevin.M E, (1985), Design Through Discovery, Wadsworth Publishing.
3. Lauer D.A (2001), Design Basics, Clark Baxter,Boston USA
4. Dr.Kaur.N, Comdex Fashion design, Kogent learning solutions , New Delhi

SEMESTER V

OPEN COURSE

FD5D01BB23- FUNDAMENTALS OF VISUAL MERCHANDISING

Credits - 3

Hours per week: 4

Total Lecture Hours - 72

Course Overview and Context: -

The course provides a knowledge about the visual merchandising.
It gives an idea to set up a design studio.

Course Outcomes:

CO1: Explain the concept of visual merchandising and the various components of store layouts (Understand)

CO2: Explain signage and different types of merchandise displays (Understand)

CO3: Explain lightings and different types of light sources and accessories (Understand)

CO4: Explain different types of mannequins, props, and fixtures (Understand)

CONTENT

Module I

(8Hrs)

Visual Merchandising: - Meaning, scope, Purpose

Store design layout -selling space, merchandising space, personnel space, customer space

Module II

(18Hrs)

Signage and display:-

Signage – exterior signage, window signage , interior signage.

Merchandise Presentation – self-service presentation, full service presentation

Types of display - one item display, related merchandise display, variety or assortment displays, promotional display, institutional display, seasonal display, holiday display, creative display

Display setting - realistic setting, environmental setting, semi realistic /vignette setting, fantasy setting, abstract setting

Module III

(18Hrs)

Lightings:- Primary setting, secondary setting

Light source -fluorescent lighting, incandescent, fiber optic lighting, high intensity lighting, neon, halogen

Lighting Fixtures- Recessed Lighting, Track lighting, open back spot lights, studio lights, close

ups, wire forms

Lighting Accessories – Dimmers, Flashers, framing, projectors, strobes, swivel, sockets, gels

Various Kinds of contrast harmony created using lights

Module IV

(12Hrs)

Mannequins and props - Realistic, Semi Realistic , Abstract , HeadlessTypes of Alternative to Mannequins – 3 quarter forms, soft sculpted figures, articulated artistic figures, dress forms and suit forms, hanger, Props

Module V

(16Hrs)

Fixtures :- Hanging Fixtures - T Stands, Quadra racks or four ways, six ways, round racks, multi features fixtures, vitrines, and straight racks.Non Hanging Fixtures – Tables, counters, Bins and shelves, Transparent display units, gondolas, modular lines. Problems faced in Visual Merchandising.

References: -

- 1.Kothari. V (2009) Visual Merchandising, McGraw Hill Education (India) Private Limited New Delhi
- 2.Pegler. M.M (2011) Visual Merchandising and Display Fairchild Publication, USA
- 3.Bell. J (2011), Silent selling best practices and effective strategies in visual merchandising
- 4.Kate Ternus Fairchild Publications, USA

SEMESTER V

OPEN COURSE

FD5D01CB23- SOCIO-PSYCHO ASPECTS OF CLOTHING

Credits - 3

Total Lecture Hours - 72

Hours per week:4

Course overview and Context: -

The course gives an overview of the effect of sociological and psychological aspects of clothing on the personality of an individual. This subject provides an inner view on clothing behaviour and how factors affect the basic clothing needs. This paper deals with the importance of Self-concept and clothing behaviour and the role it plays in society. The subject also includes understanding of demographic trends and Psychographic trends in clothing

Course Outcomes:

CO1: Explain about the purpose of clothing and the factors affecting basic clothing needs (Understand)

CO2: Express about the significance of clothing (Understand)

CO3: Discuss about self-concept and various aspects of it (Understand)

CO4: Describe the demographic and psychographic trends (Understand)

CONTENT

Module I

(18 Hrs)

Introduction to clothing behavior: -

Purpose of clothing – modesty theory, adornment theory, and protection theory Factors affecting basic clothing needs – comfort, social participation, conformity, prestige, Self-expression, attracting the opposite sex, aesthetic expressions and values

Module II

(8 Hrs)

Clothing - a nonverbal communication. Significance of clothing

Module III

(18Hrs)

Self-concept and clothing behavior: - Definition of self-concept

Various aspects of self-concept and clothing

Module IV

(13Hrs)

Demographic trends: -

Curriculum and Syllabi (2023 Admission Onwards)

Effect of age, sex, income, social class, economic status and ethnicity on clothing

Module V

(15Hrs)

Psychographic trends: -

Effects of personality, attitude, lifestyle and peer group on clothing.

Related Experience: -

The students are required to conduct a survey and submit a report to understand the consumer preference with respect to a sample and using a questionnaire.

References: -

1. Ushakulshrestha, Radhakashyap., (2007)-Clothing Behavior Psychological analysis, Pointer Publisher,Jaipur.
2. Solomon M.R, Rabolt.N.J., (2003), Consumer Behavior in Fashion, Pearson Education Publishing, Noida

SYLLABI FOR CHOICE BASED CORE COURSES

SEMESTER - VI
CHOICE BASED CORE COURSE
FD6CP18AB23-- THEMATIC FURNISHING

Credits - 3
Hours per week: 4

Total Lecture Hours -72

Course Overview and Context: -

The course will help to design and construct the furnishings based on a theme.
The course provides knowledge on entrepreneurial culture by designing and creating sustainable and eco-friendly collection based on the concept chosen.

Course Outcomes:

- CO1:** Design furnishing products based on a theme (Create)
- CO2:** Prepare patterns for the products designed (Create)
- CO3:** Select fabrics and colours according to the theme chosen (Analyse)
- CO4:** Construct the products and present the collection (Create)

CONTENT

Design and develop furnishings- pillow cover, curtain, table runner, wall pockets, Apron, Tote bags.

SEMESTER - VI
CHOICE BASED CORE COURSE
FD6CP18B23- DRAPING

Credits - 3
Hours per week: 4

Total Lecture Hours - 72

Course Overview and Context: -

The course provides a detailed knowledge about draping of basics pattern and draping of garments with design details.

Course Outcomes:

CO1: Develop Basic Bodice, Bodice variations and Cowl (Apply)

CO2: Develop Basic skirt and Skirt variations (Apply)

CO3: Develop Basic Torso (Apply)

CO4: Design a garment and construct it using the draping techniques (Create)

CONTENT

Module I (10Hrs)

Introduction to draping and dress forms Preparation of fabrics

Module II (20Hrs)

Basic Front and Back bodice

Bodice variations – Dart manipulation (French dart, Center front dart, Straight side dart, Mid armhole dart) any one

Basic Front, Cowl, Bodice with yoke

Module III (20Hrs)

Basic Front and Back Skirt

Skirt variations – Skirt with yoke and gathers, Pegged skirt (any one)

Module IV (12Hrs)

Basic Front and Back Torso.

Module V (10 Hrs)

Design and construct a final garment applying draping method

Curriculum and Syllabi (2023 Admission Onwards)

Related Experience: -

Students should maintain a record of all the work.

References: -

1. Amaden.C, Crawford-1989, The Art of Fashion Draping-Fairchild Publications, New York
2. Joseph H, 2013-Draping for Apparel Design- Fairchild Publications, New York

SEMESTER - VI
CHOICE BASED CORE COURSE
FD6CP18CB23- COMPUTER AIDED PATTERN MAKING AND
GRADING

Credits – 3
Hours per week: 4

Total Lecture Hours -72

Course Overview and Context: -

The course helps to learn about the computer aided pattern making and grading using software
The course deals with constructing basic pattern set designs in digital format by which they can communicate their ideas more effectively.
The course deals with developing patterns for women, men and kids based on various occasions and concepts.

Course Outcomes:

CO1: Prepare the Basic pattern set (Apply)

CO2: Prepare the Basic skirt pattern (Apply)

CO3: Prepare patterns for Bib, A-line frock, T-Shirt (Apply)

CO4: Prepare pattern grades for the Basic pattern set (Apply)

CONTENT

Module I (10Hrs)

Introduction to Computerized Pattern Making and Grading

Module II (10Hrs)

The basic pattern set preparation

Basic front bodice, Basic back bodice, Basic Sleeve

Module III (8 Hrs)

Basic front Skirt, Basic back skirt

Module IV (18Hrs)

Pattern preparation for garments – Bib, A-line frock, T-Shirt

Module V (26Hrs)

Curriculum and Syllabi (2023 Admission Onwards)

Pattern Grading – Basic front bodice, Basic back bodice, Basic sleeve, Basic front skirt, Basic back skirt.

Related experiences: -

Record should be submitted at the time of external evaluation.

References: -

1. Bond. T & Beazley. A (2003) – Computer aided pattern design and product development
Blackwell Publishing.Ltd, Manchester, UK
2. Ondogan. Z and Erdogan. C (2006), The comparison of the Manual and CAD systems for pattern making- grading and marker making process, 35100 Bomova, Iznar, Turkey
3. Goymar, Computer Aided Pattern Making, Gerber Technology, Spain
4. Reach CAD software
5. TULKCAD – Pattern making software for fashion design

SYLLABI FOR COMPLEMENTARY COURSES

SEMESTER-I

COMPLEMENTARY COURSE: I - CONCEPT IN APPARELS

FD1B01B23- FABRIC SCIENCE

Credits–4

Total Lecture Hours – 72

Hours per week: 4

Course Overview and Content: -

This course provides an in-depth knowledge about the different types fibers, spinning process, weaving process, finishing, dyeing and printing processes

The course deals with different types of fabrics, its impact on the environment, introduction to upcoming sustainable fabrics and awareness on technical textiles.

Course Outcomes:

CO1: Explain the classification of fibres (Understand)

CO2: Discuss the various spinning and fabrication methods (Understand)

CO3: Describe the different types of finishes applied to fibre, yarn and fabric (Understand)

CO4: Discuss on types of dyes, stages and methods of dyeing. (Understand)

CO5: Explain the various printing methods (Understand)

CONTENT

Module I

20Hrs)

Introduction to Textiles and its relation to the field of Designing

Study of Fibers

Natural fibers – cotton, flax, wool, silk

Manmade fibers – rayon, acetate, nylon, polyester, acrylic

Minor fibers – natural and manmade – hemp, ramie, kenaf, kapok, jute, and glass

Module II

10Hrs)

Yarns Spinning techniques – hand spinning, ring spinning and modern

Methods- (Open – end spinning, friction spinning, twist less yarns, self-twist

.Yarns, core spun yarns, tape yarns). Yarn count and Yarn twist.

Yarn Classification - single, ply, doubled, cabled, novelty yarns (slub, flake,

Spiral, ratine, boucle, spot, chenille yarns).

Module III

(18Hrs)

Fabric Construction

Curriculum and Syllabi (2023 Admission Onwards)

Weaving – basic weaves (plain, twill, satin and their variations), fancy weaves (dobby, jacquard, leno, pile, double cloth, extra weave techniques – spot, lappet and swivel weave). Introduction to knitting –comparison of woven and knitted fabrics, stitches, knitting needles, weft knits, warp knits. Introduction to technical textiles
Other methods of fabric construction – non woven, felts, laces, braids, nets

Module IV

(12Hrs)

Finishing Processes

Basic routine finishes – singeing, sizing, bleaching, scouring, tentering, mercerization, calendering, shearing, weighting.

Special finishes – For hand and appearance (schreiner, moiré, embossing, crepe, napping, beetling, sueding, flocking), Functional finishes (Abrasion resistant, crease resistant, durable press, shrinkage, water repellent, flame resistance, Antimicrobial, Anti-odor, Soil release)

Module V

(12Hrs)

Dyeing and Printing, Stain removal

Classification of dyes – Natural, synthetic (acid, basic, direct, sulphur, vat, naphthol, disperse, reactive) Stages of dyeing – fiber, yarn, fabric, product

Methods of dyeing – batch, reel, jig, package, pad

Classification of printing – direct, resist, discharge, jet, heat transfer

Related Experience:

Swatch collection of different samples of fibers, yarns and fabrics

Submission of samples of the basic weaving techniques i.e., plain, twill and satin

References:-

1. Kadoh S.J, Langford, A., 2006- Textiles-Prentice Hall- New Jersey, USA
2. Porter, Corbman, 1983-Fiber to Fabric-Mc Graw Hill Book Company, New York
3. Joseph L.M, Essentials of Textiles, Holt Rinehart & Winston, Austin, Texas, USA

SEMESTER – II
COMPLEMENTARY COURSE: II- APPAREL BUSINESS
FD2B02B23- FASHION MARKETING AND MERCHANDISING

Credits – 4
Hours per week: 4

Total Lecture Hours – 72

Course Overview and Context: -

The course helps to learn about the fashion terminologies and to acquire knowledge on fashion marketing mix and fashion research process

Course outcomes:

- CO1:** Explain fashion marketing mix and fashion market research methods. (Understand)
- CO2:** Describe consumer buying behaviour and customer segmentation groups. (Understand)
- CO3:** Distinguish the different branding techniques, store categories and showrooms and the various fashion promotional methods. (Analyze)
- CO4:** Analyse the functions of departments in a garment industry. (Analyze)
- CO5:** Differentiate the role of a fashion buyer and a merchandiser. (Understand)

CONTENT

Module I

(16Hrs)

Fashion Market Sectors - Fashion Market Levels-

Marketing – Introduction to Marketing, Definition, Fashion Marketing Concepts

Marketing Mix – Product, Price, Place, and Promotion

Marketing Strategy - Segmentation, planning, Targeting

Marketing research- Marketing Environment-Macro Environment and Micro-

Environment, Market Research- Types and Methods

Planning and Strategy -SWOT Analysis,

Market Opportunity - Ansoff's Matrix

Module II

(8Hrs)

Customer Segmentation – Demographic segmentation, Psychographic segmentation,

Consumer buying behavior, Customer Purchase Decision Process

Module III

(14Hrs)

Brand and Fashion retailing – Brand definition, Purpose of branding, Brand Name, Brand Licensing, Brand repositioning, Trade Mark, Brand Canvas, Types of brand, and Brand licence, Store categories and Showrooms (retailing & non store retailing).

Module IV

(14Hrs)

Fashion Promotion – Promotional Mix, Fashion Press, Types of Fashion Shows, Visual Merchandising. Fashion Advertising, Sales Promotion, and Fashion PR and Publicity.

Module V

(20Hrs)

Fashion Merchandising – Definition of merchandising and related terminologies (CMT, converters, customer profile, GSM, lead time, mark up, mark down, range planning, QC, sub-contractor, vendor), Functions of various departments, Role and duties of a merchandiser, specification sheet, execution of route card, sampling – types of samples, role of fashion buyer.

Related Experience: -

Student should conduct a market survey on Brands, Stores, and Customer preferences and have to submit the report.

References: -

1. Posner. H (2015), Marketing Fashion, Laurence King Publishing, London.
2. Fringes G.S (1999), Fashion from Concept to Consumer, Prentice Hall, New Jersey
3. Kincade. D.H, Gibson. F. Y., (2010), Merchandising of Fashion Products, Dorling Kindersley India Pvt Ltd- South Asia.

SEMESTER – III

COMPLEMENTARY COURSE: I CONCEPT IN APPARELS

FD3BP01B23 - TEXTILE DESIGN

Credits - 3

Total Lecture Hours - 72 hours

Hours per week: 4

Course Overview and Context: -

The course details on the various types of textiles prints and their terminologies. The course provides an in-depth knowledge about the different categories of textile prints and its applications. The course will help the students develop skill in drawing different lay outs of textile designs which can be used for printing in garments

Course Outcome

- CO1:** Identify the various motifs, layouts and styles and color harmonies used in textile designing (Understand)
CO2: Practice various types of layouts for textile designing (Apply)
CO3: Practice different techniques of repeats by apply it on various products. (Apply)
CO4: Develop theme-based textile prints by exploring various concepts (Create)

CONTENT

Module I (14 Hrs)

Colour chart preparation

Colour theory and colour harmonies

Learning motifs, layouts and styles

Module II (8 Hrs)

Types of Layouts:

Non directional, One directional, Two directional, All over packed, All over set and All over tossed.

Module III (10 Hrs)

Techniques of repeats:

Straight, box, half drop, five star and random

Plaids, Checks and Stripes,

Module IV (20 Hrs)

Exploring designs from Nature, Geometry, Floral, Marine, Juvenile, Contemporary, Conversational and Botanical

Module V (20 Hrs)

Theme based textile designing- Kids, Women's and Men's

Ethnic Print- Indian, African, Egyptian, Japanese and Provencal.

Related Experience: -

The students should maintain a record of all the designs.

References:

1. Yates. M. P, (1986), Textile – A Handbook for Textile Designers, W.W. Norton & Co.
2. Horne. D. V, (1995), International Textile Design, Stemmer House.
3. Horne. D. V, (1996), African Printed Textile Designs, Wiley & sons USA

SEMESTER – III

COMPLEMENTARY COURSE: I- CONCEPT IN APPARELS

FD3B01B23- APPAREL PRODUCTION AND QUALITY CONTROL

Credits - 4

Total Lecture Hours - 72

Hours per week:4

Course Overview and Context: -

The course provides knowledge on the functioning of the various departments of a garment industry and gives an understanding on the importance of quality control.

This course gives an idea about ethical work environment waste management, and standard certification.

Course Outcomes:

CO1: Enumerate the various aspects of a garment industry (Remember)

CO2: Describe the functions of the fabric and the cutting department (Understand)

CO3: Identify the various equipment used in the production department and describe the seam and stitch types (Understand)

CO4: Explain the importance of ironing, packing and care labelling (Understand)

CO5: Discuss on various types of inspection in the garment industry (Understand)

CO6: Review the importance of certification in a garment industry (Understand)

CONTENT

Module I

(20Hrs)

History and growth of clothing industry, structure of the clothing industry, product or garment types, importance of design in production, function of various departments of garment industry.

Fabric department – fabric checking

Cutting and Pattern making- Spreading, Requirement of spreading process, Methods of spreading, Nature of package, Use and importance of marker, Methods of marker planning, Cutting – Types of cutting machines, causes of defects in cutting, Bundling and Ticketing

Module II

(22Hrs)

Production – Sewing machines – Regular sewing machine, Over Lock, Inter Lock, safety stitching, blind stitching, Button Hole, Button Stitching, Rivet Snap, Bar tacking, Embroidery. Work aids – Machine bed, machine table, work chairs, bundle clamps, stackers. Attachments – Folders and guides, Seam types, stitch types, Machine needle-parts and types. Sewing threads – types and uses

Finishing – care labeling, ironing and packing

Module III

(15Hrs)

Quality Control: - Terminologies, Quality Control & Quality – Assurance, Quality Department, The process of production.

Apparel Testing and Quality Control: - Standards – Definition and Benefits of Standards, Various International Standards.

Module IV

(5Hrs)

Inspection, Types of Inspection, Acceptable Quality Level

Module V

(10Hrs)

Certification in Apparel Industry: - Social Accountability – 8000 (S.A 8000), International Standard Organization (I.S.O), World Responsible Apparel Production (WRAP), Total Quality Management (TQM).

References: -

1. Cooklin.G., (2006), Introduction to Clothing Manufacture- Blackwell Publishing Ltd
2. Cooklin.G., (1997), Garment Technology for Fashion Designers, John wiley & sons ltd, Blackwell Science publishing ltd, United Kingdom.
3. Carr.H, Latham.B, The technology of clothing Manufacture, Blackwell Science Publishing ltd, Australia.
4. Chuter.A.J, Introduction to Clothing Production Management, Blackwell Science Publishing Ltd, Australia.
5. Mehta.P.V, An Introduction to quality Control for the apparel industry, Blackwell Science Publishing, Australia.

SEMESTER – III

COMPLEMENTARY COURSE: II – APPAREL BUSINESS

FD3B02B23- FASHION THEORY

Credits - 4

Total Lecture Hours - 72

Hours per week: 4

Course Overview and Context: -

The course helps to learn about the fashion terminologies and gives an understanding of about the fashion business world. The course gives an overview on fashion centres of the world, fashion forecasting and various stages involved in the design, development and production of fashion garments.

Course Outcomes:

CO1: Describe fashion terminologies and fashion lifecycle. (Understand)

CO2: Discover the relationship between fashion and consumerism. (Understand)

CO3: Discuss about the fashion categories and foreign fashion centers. (Understand)

CO4: Identify the development process of a product and design. (Understand)

CO5: Explain the nature of fashion forecasting and fashion research. (Understand)

CONTENT

Module I

(13Hrs)

Fashion terminologies – accessories, altamoda, atelier, bespoke, boutique, brand name, custom made, classic, couture, designer, draping, fad, fashion, fashion merchandising, haute couture, high fashion, knock-off, licensing, line, moda pronta, prêt-a-porter, ready-to-wear, silhouette, style, stylist, toile, trend.

Module II

(12 Hrs)

Dynamics of Fashion:-Nature & Environment of Fashion–Meaning and its Terms, Buying selling cycle, Test Marketing, Fashion Consumer Behaviour, Fashion Movement and Consumer Acceptance, Fashion life cycle, Consumer Identification with lifecycle– Fashion leaders/Followers/Innovators/ Motivators / Fashion victims.

Module III

(15 Hrs)

Foreign Fashion Centres: - Haute Couture, Prêt a Porter, Fashion Categories – Categories Styling / Sizes and price ranges of Men's wear, Women's wear, Kids wear.

Module IV

(16 Hrs)

Product and Design Development: Product Development, Design Development, Sample Development, Line Development.

Module V

(16 Hrs)

Fashion Research and Analysis: Fashion forecasting, Trend Prediction, Agencies, Sources of Fashion Forecasting Information.

References:-

1. Frankcois-Baudot, Thames & Hudson (2011), A Century of Fashion, Scheffer Publishing Ltd, UK
2. Fringes G. S (1999), Fashion From Concept To Consumer, Prentice Hall, New Jersey.
3. Dickerson. K.D., (2003), Inside the Fashion Business, Dorling Kindersley Pvt Ltd, South Asia.
4. Goworek. H., (2001,2007), Fashion Buying, Backwell Publishing, UK
5. Castellino. M., (1994), Fashion Kaleidoscope, BPI India Pvt Ltd.

SEMESTER – IV

COMPLEMENTARY COURSE: I - CONCEPT IN APPARELS

FD4B01B23 - TRADITIONAL INDIAN TEXTILES AND HISTORY OF INDIAN COSTUME

Credits – 4
Hours per week: 4

Total Lecture Hours – 72

Course overview and Context: -

The subjects give an overview about the various traditional textiles of all the states of India. The course also gives a comprehensive understanding of the historical Indian costumes.

Course Outcomes:

- CO1:** Explain about the history of textile production and the various techniques of textile decoration. (Understand)
- CO2:** Describe the traditional textiles of Northern and Western region of India. (Understand)
- CO3:** Explain about the traditional textiles of the Eastern region of India. (Understand)
- CO4:** Explain about the traditional textiles of Southern region of India. (Understand)
- CO5:** Interpret the history of Indian Costumes and prepare a presentation to display the costumes of the various civilizations. (Apply)

CONTENT

TRADITIONAL INDIAN TEXTILES

Module I (8Hrs)

History of textile production

Techniques of textile decoration Loom weaving

Printed and painted fabrics Embroidery

Module II (22Hrs)

Traditional textiles of the Northern region of India

Jammu & Kashmir – Kashmir shawls Punjab & Haryana – Phulkari and bagh Himachal Pradesh – Chamba rumal

Uttar Pradesh – Chikankari of Lucknow and brocades of Varanasi

Traditional textiles of the Western region of India

Gujarat – professional and domestic embroideries, beadwork, block printing, screen printing, ajarakh, mata-ni-pachedi, roghan work, bandhani, mashru, patola, brocade weaving, and Surat's zari industry. Rajasthan – bandhini, leheria, block printing, pabuji par, and ply-split camel girths.

Module III

(12Hrs)

Traditional textiles of the Eastern and Southern region of India Eastern Region: –

Bengal and Bihar – Dacca muslins, Jamdani, Baluchar Butedar, Kantha work and sujani work.
Odisha – Ikat and pipili work, Assam and the hill states of the North-East – Assam, Meghalaya, Arunachal Pradesh, Mizoram, Tripura, Mizoram

Module IV

(20 Hrs)

Southern Region:-

Andhra Pradesh – ikats of Pochampalli, teliarumal, and kalamkari, Tamil Nadu – Kanchipuram silks, Karnataka – Kasuti embroidery, ilkalsarees, and banjara embroidery, Kerala and Goa – traditional textiles, Maharashtra – paithani saris, himru and pitambar, Madhya Pradesh – chanderi and maheswari saris

HISTORY OF INDIAN COSTUMES

Module V (To be covered as assignments for internal assessment only) (10 Hrs)

Costumes, Head Dress & Hairstyle, Footwear and Accessories of : Indus Valley, Vedic , Mauryan & Sunga Period. Satavahana Period, Kushan Period, Gupta Period, Mughal Period, British Period, Contemporary Period (traditional Indian costumes)

References:-

1. Gillow.J & Barnard. N., (2014), Indian Textiles, Om Books International, New Delhi
2. Lynton, (2002), The Sari, Thames and Hudson Ltd, London
3. National Institute of Fashion Technology, (2015), Textiles and crafts of India, Arunachal Pradesh, Assam, Manipur, Prakash Books, New Delhi
4. Sahay. S, (1998), Indian Costume, Coiffure and Ornament, Cornet Books
5. Mohpatra R.P, (2003), Fashion Styles of Ancient India, BR Publishing Corporation
6. Ghurye G.S, (2008), Indian Costume, Popular Prakashan

SEMESTER IV
COMPLEMENTARY COURSE: II- APPAREL BUSINESS
FD4B02B23 - ESSENTIALS OF ENTREPRENEURSHIP

Credits – 4
Hours per week: 4

Total Lecture Hours – 72

Course Overview and Context:-

The course provides knowledge to develop entrepreneurial skills and gives them an awareness on the different aspects of successful entrepreneurship.

This course provides an awareness on government initiatives to promote entrepreneurship and provide solutions to various problems faced by the entrepreneurs.

This course deals with ethical issues, human values and promotes women entrepreneurs.

Course Outcomes:

CO1: Explain the concepts and characteristics of a successful Entrepreneur. (Understand)

CO2: Discuss the different factors contributing to Entrepreneurship. (Understand)

CO3: Evaluate the approach towards women empowerment in the society. (Analyze)

CO4: Describe the various Business plans and strategies in Entrepreneurship. (Understand)

CO5: Classify the documents needed for exporting. (Understand)

CO6: Discover the importance of E Marketing in Entrepreneurship. (Apply)

CONTENT

Module I (10Hrs)

Introduction to entrepreneurship - concept, definition, functions of an entrepreneur, characteristics of a successful entrepreneur.

Module II (15Hrs)

Factors contributing to entrepreneurship – economic factors (capital, labor, market), non-economic factors (social condition- psychological factors- cultural factors-personality factors- government action – competitive factors)

Module III (15Hrs)

Entrepreneurship and women empowerment– concept of women entrepreneur- problems – approaches to women empowerment-indicators- global initiatives – national initiatives (welfare and support services, socio-economic programme)

Module IV (20Hrs)

Curriculum and Syllabi (2023 Admission Onwards)

Business plan and strategies – entry strategy (opening new business, purchasing franchises, acquiring an existing business) exit strategy, franchising- types, benefits, drawbacks

Export documentation – principle documents, auxiliary documents, mode of payment, mode of transportation.

Module V

(12Hrs)

E- Entrepreneurship – selling on internet, planning an e- business, niche marketing and the internet, marketing and e-business, e-business customer service

References:-

1. Granger.M.M , Sterling.T.M, Fashion Entrepreneurship, Fairchild Books Publishing, NewYork
2. Holt.D.H, (1991), Entrepreneurship New Venture Creation, Prentice Hall Publishing, New Delhi