

**ST. TERESA'S COLLEGE, (AUTONOMOUS)
DEPARTMENT OF FASHION DESIGNING
BOARD OF STUDIES IN FASHION DESIGNING**

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CURRICULUM AND SYLLABUS IN APPAREL AND FASHION DESIGN**

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PREFACE

As an autonomous college under Mahatma Gandhi University, St. Teresa's College has taken conscientious efforts to strengthen the curriculum by retaining all the fundamental stipulations of the University/Higher Education Council, to ensure a well-balanced Curriculum. Within the constraints of a prescribed syllabus, we have resolved to take a collective effort to create an inspiring academic culture in the institution, essential for teachers and students to access deeper knowledge and participate in its expansion and transmission. It is also to re-articulate the almost lost or forgotten fact that production and transmission of Quality Knowledge, essential for the development of students in particular and society in general, are the primary functions of any Educational Institution.

The Syllabus restructuring of 2018 aims to provide the students many opportunities to engage with authentic, real world learning. This has been evident through the significant number of new Programmes introduced at the wake of autonomy in 2014 with their integral placement opportunities. Increasingly, however, opportunities for engagement in work-based learning that can be provided through the curriculum across a range of subject areas are creating new and exciting ways to support student learning.

I acknowledge the efforts taken by the teachers in developing Programme and Course outcomes that focus on cognitive and intellectual skills of the learners ,confidence to carry out independent and scholarly research in area of professional interest to them and to position themselves globally effective cross- cultural educators .

I congratulate the efforts taken by the Principal Dr. Sajimol Augustine M. and the team for restructuring the syllabi under the leadership of Smt. Shanty B.P in a meaningful manner. Transformation is what makes St. Teresa's distinctive. Transforming lives in order to make a real impact on the local and international stage through the creation, sharing and application of knowledge. We look forward to sharing with you the outcomes of our curriculum restructuring and these resources we hope will enable you to reflect on learning gain in our own institution.

DR. SR. VINITHA (CELINE E)

DIRECTOR

FOREWORD

Autonomy in the field of higher education implies responsibility and accountability and this in turn leads to excellence in academics and pro active governance. St Teresa's College was given autonomous status in the year 2014 and we have made a concerted attempt to maintain a high level of quality in the standard of education that we impart.

Academic autonomy has granted us the freedom to fine tune the syllabus keeping in mind the changing needs of the new generation of students. 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. Structured feedback was taken from the Students, Alumni and the experts from the industry and the changes suggested by them were duly incorporated in the syllabi.

The Board of Studies constituted for each department meet regularly in the stipulated time frame and in depth discussions are conducted about the different dimensions of the curricula and syllabi. The IQAC team has felicitated the conduct of a number of workshops and conferences to equip the faculty with the necessary skill set to frame the syllabi, set question papers for internal tests that evaluate whether the learning outcomes enlisted in the syllabus have been achieved and to ensure the fair and transparent conduct of examinations.

The responsibility that autonomy has placed on us is indeed onerous but we have strived together to meet all the challenges that were placed in our way. We have worked towards moulding young women as responsible citizens who will carry forward the task of nation building in an exemplary manner. All effort has been made to nurture their academic ambitions as well as their skills in co curricular activities.

With sincere gratitude I acknowledge the instinct support and constant guidance extended by Rev. Sr. Dr. Vinitha, the Director of the College.

I specially thank the team headed by Smt. Shanty B. P. for updating the syllabi, the Heads of the Departments and all the faculty members for their diligence, commitment and exceptional contribution towards this endeavour.

DR. SAJIMOL AUGUSTINE. M
PRINCIPAL

ACKNOWLEDGEMENT

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

The guidance of Dr. Joji Alex, Associate Professor, Department of Chemistry, St. Thomas College, Pala, Kottayam and members of the governing council who have helped give shape to the overall structure.

I extend my sincere thanks to Rev. Dr. Sr. Vinita, Director, St. Teresa's College and Dr. Sajimol Augustine, 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. Jobin Joy, Creative Head, Vallaya House, New Delhi, Mr.Sulfiker Ali, Faculty, JD Institute, Bangalore, and Ms.K.B.Dhanya, Costume Designer and Stylist, Malayalam Advertisement and Film Industry for their guidance, invaluable suggestions and selfless support in restructuring this 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 endeavour.

DR. C.S. JAYARAM

CHAIRMAN

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**B.Sc. PROGRAMME IN APPAREL AND FASHION DESIGN
UNDER CHOICE BASED CREDIT AND SEMESTER SYSTEM
(2018 ADMISSION ONWARDS)**

PREAMBLE

B.Sc.in Apparel and Fashion Design 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 course 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 course 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.

Graduate Attributes

After completing **B.Sc.in Apparel and Fashion Design** the following attributes will be fulfilled:

- Equip with latest updates in Fashion field.
- Develop Technical skill in the field of Pattern making and Garment Construction
- Attain proficiency in the field of illustration and stylization.
- Acquaint with knowledge on Traditional Indian Embroideries and Textiles
- Understand the aesthetics aspects of Texture, color and color combinations
- Thorough understanding of the society, environment or technologies around them.
- Acquire required skills to become successful fashion designer and an Entrepreneur
- Understanding the problems of the Indigenous artisans and provide innovative solutions
- Makes them experts in identifying and selecting the fabrics for various themes
- Expertise them in creating their own prints and motif in the field of designing.
- Inculcate interest in designing and making of Jewelry.
- Efficiency in communication skills and grooming for their career development.
- Competent enough to hold various positions in Garment Industry.
- Acquaint with knowledge on Styling and Ad making in various Medias.
- Perceive knowledge on basic computer application.
- Specialized in designing softwares and make them equip from designing to selling the fashion products in the market

AIMS AND OBJECTIVES

- To create a designer who has an intuitive understanding of the new generation needs and has a desire to create better living environment and have an innate respect for nature and her resources.
- To equip the students with a holistic knowledge and a well balanced perspective of designing.
- To create a responsible designer who will serve the country and society by innovation, education and research through projects in association with self help groups, local artisans, NGOs and provide training programmes in association with some organizations like Integrated Child Development Scheme, Govt. of India, Kudumbasree, Shrishti Welfare Centre, Munnar.

End of Second Semester

On completing second semester students will develop communication skills. They will acquire the basic concepts of Fashion. They understand and identify the various textile fibers. They learn the basics on sketching and sewing techniques. They get hands on experience on the various embroideries

End of Fourth Semester

By the end of fourth semester the students will learn to draft, lay and construct Indian Garments. They attain the knowledge to create different postures through sketching. They get an overview on various departments in Apparel industry. The students study the marketing and merchandising techniques. Hands on experience gained on various textiles prints. Imbibe knowledge on the antiquity of Indian embroideries and western costumes.

End of Sixth Semester

The students learn the entrepreneurial culture and the benefits of becoming Entrepreneurs. They learn to draft and construct western garments. The students get a knowhow on how to create designers portfolio with various software. A contemporary perception towards fashion is created by equipping them to develop innovative design solution. The students are taught with various methods of

making thematic home decorating articles and thematic line of garments .On culmination they are equipped to compile and apply the acquired theoretical and practical knowledge in a form fashion portfolio.

PROGRAMME DESIGN

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

(a) Common Course, (b) Core Courses c) Choice based 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/or by the same department.

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** (24 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 course** (1 out of 3 courses). 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.

Course Code Format:

Every course in the programme should be coded according to the following criteria. The first two letters of the code indicate the programme i.e. FD for Apparel and Fashion Design. One digit to indicate the semester, i.e. FD1 (Apparel and Fashion Design, 1st semester). One letter from the type of courses such as A for common courses, FD1B ('B' for Core), FD1C ('C' for Complementary), FD1D ('D' for Open course) and PR for project. Two digits to indicate the course number of that semester - FD1B01('01' for course number of the course). FD1B01B18 ('B' for Bachelors and 18 to indicate the year). The letter P denotes practical - FD1BP01B18 for Core Practical. FD1CP01B18 for Complementary Practical. Apparel and Fashion Design Project – FD6BPRB18

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 and Complementary courses including project	109
F	Credits required from Open Course	3
G	Minimum attendance required	75%

COURSES

The programme (Model III) consists of common courses with 8 credits, core course, choice based 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 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 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

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.

**STRUCTURE OF THE PROGRAMME
BACHELOR'S PROGRAMME IN APPAREL AND FASHION DESIGN**

Sem	Course Type	Course Code	Course Title	Hours per week	Credits	Max Marks	
						ISA	ESA
I	Common Course I	EN1A01B18	Fine-tune Your English	5	4	20	80
	Complementary Course I	FD1C01B18	Fabric Science	4	4	20	80
	Core Course	FD1B01B18	Sociology of Fashion	4	4	20	80
	Core Course Practical	FD1BP01B18	Foundation Art	4	3	20	80
	Core Course Practical	FD1BP02B18	Basic Sewing Techniques	4	3	20	80
	Core Course Practical	FD1BP03B18	Surface Adornment	4	3	20	80
	Total			25	21		

Sem	Course Type	Course Code	Course Title	Hours per week	Credits	Max Marks	
						ISA	ESA
II	Common Course II	EN2A03B18	Issues that Matter	5	4	20	80
	Complementary Course II	FD2C02B18	Fashion Marketing and Merchandising	4	4	20	80
	Core Course Practical	FD2BP04B18	Fashion Interpretation and Illustration	4	3	20	80
	Core Course Practical	FD2BP05B18	Flat Pattern Making	4	3	20	80
	Core Course Practical	FD2BP06B18	Sewing of Design Details	4	3	20	80
	Core Course	FD2B02B18	Fashion Designing Concepts	4	4	20	80
	Total			25	21		

Sem	Course Type	Course Code	Course Title	Hours per week	Credits	Max Marks	
						ISA	ESA
III	Complementary Course I Practical	FD3CP01B18	Textile Design	4	3	20	80
	Complementary Course I	FD3C01B18	Apparel Production and Quality Control	4	4	20	80
	Complementary Course II	FD3C02B18	Fashion Theory	4	4	20	80
	Core Course Practical	FD3BP07B18	Fashion Illustration and Stylization	4	3	20	80
	Core Course Practical	FD3BP08B18	Advanced Sewing Designs	4	3	20	80
	Core Course	FD3B03B18	History of Art	5	4	20	80
	Total			25	21		

Sem	Course Type	Course Code	Course Title	Hours per week	Credits	Max Marks	
						ISA	ESA
IV	Complementary Course I	FD4C01B18	Traditional Indian Textiles and History of Indian Costumes	4	4	20	80
	Complementary Course II	FD4C02B18	Essentials of Entrepreneurship	4	4	20	80
	Core Course	FD4B04B18	History of Western Costume	4	4	20	80
	Core Course Practical	FD4BP09B18	Fashion Illustration and Rendering Techniques	4	3	20	80
	Core Course Practical	FD4BP10B18	Indian Clothing Construction	5	4	20	80
	Core Course Practical	FD4BP11B18	Fundamentals of Design Thinking	4	3	20	80
	Total			25	22		

Sem	Course Type	Course Code	Course Title	Hours per week	Credits	Max Marks	
						ISA	ESA
V	Core Course	FD5B05B18	Environmental Studies and Human Rights	4	4	20	80
	Core Course Practical	FD5BP12B18	Western Clothing Construction	6	3	20	80
	Core Course Practical	FD5BP13B18	Computer Aided Fashion Design	5	3	20	80
	Core Course Practical	FD5BP14B18	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 per week	Credits	Max Marks	
						ISA	ESA
VI	Core Course Practical	FD6BP15B18	Thematic Line Development	11	5	20	80
	Core Course Practical	FD6BP16B18	Jewellery Designing	4	3	20	80
	Core Course Practical	FD6BP17B18	Portfolio Presentation	6	3	20	80
	Core Course Practical		Choice Based Course	4	3	20	80
	Core Course Practical	FD6BP19B18	State Wise Assignment	-	1	100	-
	Core Course Practical	FD6BPRB18	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 per week	Credits	Max Marks	
						ISA	ESA
I	Core Course	FD1B01B18	Sociology of Fashion	4	4	20	80
I	Core Course Practical	FD1BP01B18	Foundation Art	4	3	20	80
I	Core Course Practical	FD1BP02B18	Basic Sewing Techniques	4	3	20	80
I	Core Course Practical	FD1BP03B18	Surface Adornment	4	3	20	80
II	Core Course Practical	FD2BP04B18	Fashion Interpretation and Illustration	4	3	20	80
II	Core Course Practical	FD2BP05B18	Flat Pattern Making	4	3	20	80
II	Core Course Practical	FD2BP06B18	Sewing of Design Details	4	3	20	80
II	Core Course	FD2B02B18	Fashion Designing Concepts	4	4	20	80
III	Core Course Practical	FD3BP07B18	Fashion Illustration and Stylization	4	3	20	80
III	Core Course Practical	FD3BP08B18	Advanced Sewing Designs	4	3	20	80
III	Core Course	FD3B03B18	History of Art	5	4	20	80
III	Core Course	FD4B04B18	History of Western Costume	4	4	20	80
IV	Core Course Practical	FD4BP09B18	Fashion Illustration and Rendering Techniques	4	3	20	80
IV	Core Course Practical	FD4BP10B18	Indian Clothing Construction	5	4	20	80
IV	Core Course Practical	FD4BP11B18	Fundamentals of Design Thinking	4	3	20	80
V	Core Course	FD5B05B18	Environmental Studies and Human Rights	4	4	20	80
V	Core Course Practical	FD5BP12B18	Western Clothing Construction	6	3	20	80
V	Core Course	FD5BP13B18	Computer Aided Fashion	5	3	20	80

	Practical		Design				
V	Core Course Practical	FD5BP14B18	Children's Clothing	6	3	20	80
V	Open Course	Offered by other departments	Open Course	4	3	20	80
VI	Core Course Practical	FD6BP15B18	Thematic Line Development	11	5	20	80
VI	Core Course Practical	FD6BP16B18	Jewellery Designing	4	3	20	80
VI	Core Course Practical	FD6BP17B18	Portfolio Presentation	6	3	20	80
VI	Core Course Practical		Choice Based Course	4	3	20	80
VI	Core Course Practical	FD6BP19B18	State Wise Assignment	-	1	100	-
VI	Core Course Practical	FD6BPRB18	Project work	-	4	20	80

SCHEME – CHOICE BASED COURSE

Sem	Course Type	Course Code	Course Title	Hours per week	Credits	Max Marks	
						ISA	ESA
VI	Choice Based Course Practical	FD6BP18aB18-	Thematic Furnishing	4	3	20	80
VI	Choice Based Course Practical	FD6BP18bB18-	Draping	4	3	20	80
VI	Choice Based Course Practical	FD6BP18cB18-	Computer aided pattern making and grading	4	3	20	80

SCHEME – OPEN COURSE

Sem	Course Type	Course Code	Course Title	Hours per week	Credits	Max Marks	
						ISA	ESA
V	Open Course	FD5D01aB18	Elements and Principles of Design	4	3	20	80

V	Open Course	FD5D01bB18	Fundamentals of Visual Merchandising	4	3	20	80
V	Open Course	FD5D01cB18	Socio-Psycho Aspects of Clothing	4	3	20	80

SCHEME – COMPLEMENTARY COURSE I - CONCEPT IN APPARELS

Sem	Course Type	Course Code	Course Title	Hours per week	Credits	Max Marks	
						ISA	ESA
I	Complementary Course	FD1C01B18	Fabric Science	4	4	20	80
III	Complementary Course Practical	FD3CP01B18	Textile Design	4	3	20	80
III	Complementary Course	FD4C02B18	Apparel Production and Quality Control	4	4	20	80
IV	Complementary Course	FD4C01B18	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 per week	Credits	Max Marks	
						ISA	ESA
II	Complementary Course	FD2C02B18	Fashion Marketing and Merchandising	4	4	20	80
III	Complementary Course	FD3C02B18	Fashion Theory	4	4	20	80
IV	Complementary Course	FD4C02B18	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/Seminar/Viva	5
Test papers (2 x 5)	10
Total	20

Attendance

Percentage of attendance	Marks
90 and above	5
Between 85 and 90	4
Between 80 and 85	3
Between 75 and 80	2
75 %	1
< 75	0

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

Attendance

Percentage of attendance	Marks
90 and above	5
Between 85 and 90	4
Between 80 and 85	3
Between 75 and 80	2
75 %	1
< 75	0

Laboratory involvement

Laboratory involvement	Marks (6)
Handling Equipments	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

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

ASSIGNMENTS

Assignments are to be done from 1st to 4th Semesters. At least one assignment should be done in each semester for all courses.

SEMINAR / VIVA

A student shall present a seminar in the 5th semester and appear for Viva- voce in the 6th semester for all courses.

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 objective type 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 7-point scale based on the total percentage of marks (ISA + ESA) for all courses (theory, practical, project)

% of marks	Grade	Grade point
>95	S - Outstanding	10
85 - 95	A⁺ - Excellent	9

75 - 85	A - Very good	8
65 - 75	B⁺ - Good	7
55 - 65	B - Above average	6
45 - 55	C - Satisfactory	5
35 - 45	D - Pass	4
<35	F - Failure	0
	Ab - Absent	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 Grade Point Average (SGPA) of a semester:

$$SGPA = TCP/TC$$

TCP = Total Credit Point of that semester

TC = Total Credit of that semester

Cumulative Grade Point Average (CGPA) is calculated:

$$\text{CGPA} = \text{TCP}/\text{TC}$$

TCP = Total Credit Point of that programme

TC = Total Credit of that programme

GRADE POINT AVERAGE (GPA)

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

$$\text{GPA} = \text{TCP}/\text{TC}$$

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 GPA:

GPA	Grade
>9.5	S - Outstanding
8.5 – 9.5	A⁺ - Excellent
7.5 – 8.5	A - Very good
6.5 – 7.5	B⁺ - Good
5.5 – 6.5	B - Above average
4.5 – 5.5	C - Satisfactory
3.5 – 4.5	D - Pass
<3.5	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

SYLLABUS FOR CORE COURSES

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SEMESTER-I

CORE COURSE - APPAREL AND FASHION DESIGN

FD1B01B18- SOCIOLOGY OF FASHION

Credits-4

Total Lecture Hours - 72

Aim:-

To spread the importance of fashion for social life and the role it plays in society.

Course overview and Context:-

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

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.

Module- V (14 Hrs)

Market Research:
Definition and Objectives- Developing the research design, Data collection,
analysis of data, presenting the findings

References:

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

Competencies of the course:

- Gain knowledge on fashion terminologies
- Attain awareness on the concept of fashion cycle and identification with fashion life cycle
- Understand the relationship between consumerism and fashion
- Learning the various international and Indian fashion centre and Fashion designers
- Know about the various clothing sizes
- Acquire knowledge on product sample and design development
- Imbibe the information on Fashion forecasting and sources of fashion forecasting

BLUE PRINT
B.Sc I Semester - Core Course (Apparel and Fashion Design)
CODE: FD1B01B18
COURSE TITLE: SOCIOLOGY OF FASHION

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
I	25	5	4	2	60
II	15	3	2	1	31
III	10	1	2	-	12
IV	8	1	-	-	2
V	14	2	1	1	24

B.Sc. PROGRAMME- APPAREL AND FASHION DESIGN
SEMESTER I - CORE COURSE (APPAREL AND FASHION DESIGN)
FD1B01B18 - SOCIOLOGY OF FASHION
MODEL QUESTION PAPER

Time: 3 Hours

Maximum Marks: 80

Part A
(Short Answer Questions)

Answer any 10. Each question carries 2 marks.

1. Mention any one Fashion Designer.
2. What are the fashion seasons?
3. What are the social reasons behind wearing clothes?
4. How does clothing communicate?
5. Define modesty theory.
6. What is anti- fashion?
7. What is a consumer profile?
8. Name 2 ways of data collection.
9. Define classic.
10. What is fashion forecasting?
11. What is obsolescence?

12. Define consumerism.

(10x2=20)

Part B

(Brief Answer Questions)

Answer any 6. Each question carries 5 marks.

13. Write a note on recurring cycle.
14. Write a note on trickledown theory.
15. Explain cycle within cycle and interrupted cycle.
16. Explain Adornment Theory.
17. What is conspicuous consumption?
18. Is fashion a mechanism for conservation and innovation?
19. "Fashion is the mirror of the society". Do you agree?
20. What is fashion semiotics?
21. Explain different ways of analyzing data collection.

(6x5=30)

Part C

(Brief Answer Questions)

Answer any 2. Each question carries 15 marks.

22. Draw and explain fashion lifecycle, classic and FAD.
23. How does clothing communicate?
24. Explain the evolution of costumes from medieval to modern period.
25. What is market research?

(2x15=30)

**SEMESTER-I
CORE COURSE- APPAREL AND FASHION DESIGN
FD1BP01B18- FOUNDATION ART**

Credits- 3

Total Lecture Hours - 72

Aim:-

To introduce students to basic sketching techniques

To improve students drawing skills

To draw fashion croqui and various poses

To explore the basic mediums of art

Course Overview and Context:-

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

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:

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

Competencies of the course:

- Understand the basics of sketching techniques
- Learn the different perspectives of an object and its application in designing process
- Improves Imagination and Visualization skills.
- Understand the basics of fashion figure sketching
- Acquire knowledge to manipulate the design creation based on figure proportions.
- Improved the creativity
- Understand the basic properties of all mediums used for sketching.
- Improves the Colour combination
- Enabled to understand how a medium affects the beauty of a design

SEMESTER-I

CORE COURSE- APPAREL AND FASHION DESIGN

FD1BP02B18 - BASIC SEWING TECHNIQUES

Credits- 3

Total Lecture Hours - 72

Aim:-

To introduce students to various industrial machines

To acquire basic skills of operating industrial sewing machines

To understand basic sewing techniques

Course Overview and Content:-

The course aims to provide basic sewing skills and finishing techniques for a garment

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, Slip stitch, 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: Super Imposed, Lapped, Bound, Self enclosed French, Mock French, Flat felled, self-bound, Decorative seam

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

Module-IV (26 Hrs)

Hem Finishes:

Hand Hemming- Visible, Invisible

Decorative Hem- Piping, facing, ruffles

Fullness:

Tucks- Blind, Spaced, Pin

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:

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

Competencies of the course:

- Understand the basic sewing machine and parts
- Attain an insight on the application seam and seam finishes
- Knowing to apply the basic finishing techniques

SEMESTER-I

CORE COURSE- APPAREL AND FASHION DESIGN

FD1BP03B18- SURFACE ADORNMENT

Credits – 3

Total Lecture Hours – 72 hours

Aim:-

To teach the students techniques of hand embroidery stitches.

To make students aware of the basic fabric ornamentation techniques like tie and dye, fabric painting and block printing.

To introduce the students to various traditional embroideries of India

Course Overview and Content:-

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

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.

Reference:-

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

Competencies of the course:

- Study the basic stitches and traditional embroideries
- Unfold the various embellishment techniques
- To perceive knowledge on the application of various surface ornamentations in various products

SEMESTER – II

CORE COURSE -APPAREL AND FASHION DESIGN

FD2BP04B18- FASHION INTERPRETATION AND ILLUSTRATION

Credits- 3

Total Lecture Hours – 72 hours

Aim:

To strengthen the croquis & drawing skills

To familiarize students with various fashion poses required for fashion illustration.

Give inputs in cloths details & terminology as a universal vocabulary for communication about garments

Course Overview and Content:-

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

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 corquie.

Module III

(10 Hours)

Silhouette drawing –Skirts – A-line, circular, gored and flared, gore with godets, puff ball, wrap over, hobble/pencil, hand kerchief, 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:-

- Riegelman.N(2009)-*Face Fashion* – Nine Heads Media- Los Angeles,USA PO Box-27457.
- John Ireland.P(1992)- *Introduction to Fashion Design* – Unicorn B.T Batsford Ltd-London.
- Barnes.C (1988)- *Fashion Illustration* – Little,Brown and Company- Boston New York,Toronto,London.
- McKelvey.C(2009)- *Fashion Source Book*- Blackwell Science/wiley India Pvt Ltd – London.

Competencies of the course:

- Acquire knowledge to create different postures with the help of photographs.
- Improves fashion photography skills.
- Creates a clear idea for the student about how the fashion figure postures affects the designs created.
- Equip to sketch the portraits of persons in different ages and in different places.
- Understand the facial features and how its affect the attitude of a fashion model.
- Enabled to stylize the facial features and to design new hairstyles and make-ups for different themes.
- Improves the level of visualization about the different postures of fashion figures and how of affects the designs.
- Enabled them to learn the different figure shapes and how to design garments for the same.
- Understand better what all are the basic shapes and silhouettes included in fashion
- Improves their skill of designing different silhouettes creatively from the basics
- Enabled them to think wide on garment designs and its practical possibilities.

SEMESTER – II

CORE COURSE -APPAREL AND FASHION DESIGN

FD2BP05B18- FLAT PATTERN MAKING

Credits – 3

Total Lecture Hours – 72 hours

Aim:-

To analyze the designs and selection of pattern making principles

To make the variations of basic pattern sets using pattern making techniques

Course Overview and Context:-

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

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 pattern 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 dart, French dart, mid armhole dart and bust dart.

Double dart series:

Slash and Spread Method- Waist & Side Dart, Mid Shoulder& Waist Dart, Mid

Armhole& Waist Dart

Pivotal Method- Shoulder Tip& Waist, 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 to dart leg or gathers on style dart)

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).

Reference:-

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

Competencies of the course:

- Learn to take body measurements
- Learn to draft basic pattern set (Basic bodice front and back, Basic skirt front and back and a Basic sleeve)
- Expertise in developing the patterns for bodice and sleeve variations using Slash/spread technique and Pivotal transfer technique

SEMESTER – II

CORE COURSE – APPAREL AND FASHION DESIGN

FD2BP06B18- SEWING OF DESIGN DETAILS

Credits – 3

Total Lecture Hours – 72 hours

Aim:-

To teach the students various techniques and application of necklines, collars and Pockets

Course Overview and Context:-

The course provide basic introduction to the stitching of various design details and its finishing methods

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 Sccop 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.

Reference:-

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

Competencies of the course:

- Study the methods of stitching necklines and its applications on various garments
- Gain knowledge on the Application of pockets and sleeves
- Knowing the assembling of basic bodice and basic skirt

SEMESTER II

CORE COURSE – APPAREL AND FASHION DESIGN

FD2B02B18- FASHION DESIGNING CONCEPTS

Credits – 4

Total Lecture Hours – 72 hours

Aim :-

To inculcate knowledge on the basic elements and principles of designing

To induce an organized methodology in developing a successful collection of garments

Course Overview and Context:-

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

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

Reference:-

- Ellinwood. J G (2011)-*Fashion By Design*- Fairchild Books – New York
- Bevin.M E(1985)- *Design Through Discovery* – Wadsworth Publishing, Susan Katz.
- Lauer D.A (2001)- *Design Basics* – Clark Baxter – Boston USA
- Dr.Kaur.N- *Comdex Fashion design* – Kogent learning solutions – New delhi

Competencies of the course:

- Study the concept of color theory and color wheel
- Understand the elements of design
- Learn the designing principles
- Grasp the sense of fashion aesthetics and designing

BLUE PRINT

B.Sc. II Semester – Core Course – (Apparel and Fashion Design)

CODE: FD2B02B18

COURSE TITLE: FASHION DESIGNING CONCEPTS

MODULES	HOURS	PART A (short answer) 2 marks 10/12	PART B (short essay) 5 marks 6/9	PART C (essay/problem) 15 marks 2/4	Total
I	4	1	1	-	7
II	20	3	2	1	31
III	18	4	3	1	38

IV	8	1	1	1	22
V	22	3	2	1	31

SEMESTER III

CORE COURSE – APPAREL AND FASHION DESIGN

FD3BP07B18- FASHION ILLUSTRATION AND STYLIZATION

Credits – 3

Total Lecture Hours – 72 hours

Aim:-

Introduction to Various medium for stylization of croqui

To make the students capable to create their own style of illustrating croquis To train students in colour rendering in different media keeping fabric qualities.

Course Overview and Context:-

The course provide a detailed knowledge about the stylization of croquie and introduction to colour rendering

Module I (18 Hrs)

Stylization of croqui 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

ModuleV (16 Hrs)

Stylization of croquis using different kinds of paper

Related Experience:

Students have to maintain a record of all the work.

Reference:-

- Nunnally C.A-(2009) – *Fashion Illustration School*- Thames & Hudson- -UK
- John Ireland.P-(1992) – *Introduction to Fashion Design* - B.T.Batsford Ltd- London
- Drake. N-(1994) – *Fashion Illustration Today*- Thames & Hudson- UK
- Seaman.J –(1996) - *Fashion Illustration Basic Techniques*- B T Batsford Ltd- London Massachusetts.B –(2008)- *Essential Fashion Illustration Colour and Medium*- Rockport,-USA

Competencies of the course:

- Equip to create their own style of illustrating fashion figures.
- Improved the imagination and creativity skills through the usage of different mediums and materials.
- Improved colour combination skills
- Learn to create and sketch different styles of footwear and hairstyles based on themes.
- Attained creative skills in designing footwear.
- Understand about Flat sketches or Specification Drawing
- Importance of Specification sheets drawing in Fashion Industry.
- Understand the difference between a tech pack and a specification sheet, and how it has to be created in a proper way.
- Acquire knowledge to create detailed specification sheets of International Standards
- Understand the basic proportions of men's croquis.
- Understand kids croquis in different age groups and their various poses.
- Enabled to create their own way of illustrating mens and kid's croquie

SEMESTER III

CORE COURSE-APPAREL AND FASHION DESIGN

FD3BP08B18- ADVANCED SEWING DESIGNS

Credits- 3

Total Lecture Hours – 72 hours

Aim:-

To teach the students various techniques and application of sleeves, sleeve finishes, cuffs and fasteners.

Course Overview and Context:-

The course provide a detailed knowledge about the sleeve variations and its application

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 fastners) in the mentioned sizes.

References:-

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

Competencies

- Learn the methods of attaching sleeves and sleeve finishes
- Gain knowledge on the Application of cuff
- Study the application of fasteners and zippers

SEMESTER - III

CORE COURSE – APPAREL AND FASHION DESIGN

FD3B04B18- HISTORY OF ART

Credits – 4

Total Lecture Hours – 90 hours

Aim:-

To give an awareness to the students of Indian and Western Art

Course Overview and Content:-

The course provides an eye for appreciation of art

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:

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

Competencies of the course:

- Study on the historical paintings of India
- Conceive the knowledge of Indian culture through traditional paintings
- Gain insight into the classical , medieval, renaissance paintings
- Unfold the evolution classical to modern painting
- Understand the post modern and contemporary paintings
- Learn Correlation between art and fashion

BLUE PRINT

B.Sc. III Semester – Core Course – (Apparel and Fashion Design)

CODE: FD3B04B18

COURSE TITLE: HISTORY OF ART

MODULES	HOURS	PART A (short answer) 2 marks 10/12	PART B (short essay) 5 marks 6/9	PART C (essay/problem) 15 marks 2/4	Total
I	15	-	1	-	5
II	20	4	3	1	38
III	15	2	1	1	24
IV	20	2	1	1	24
V	20	4	3	1	38

SEMESTER – IV

CORE COURSE – APPAREL AND FASHION DESIGN

FD4B04B18- HISTORY OF WESTERN COSTUME

Credits – 4

Total Lecture Hours – 72 hours

Aim:-

To help the students to trace the evolution of clothing from Paleolithic age to the modern age

Course Overview and Context:-

The course gives an overview on early century western costumes

Module I (7Hrs)

Beginning of costume: Body decoration, Body ornamentation
Costumes, Head Dress & Hairstyle, Footwear and Accessories of:
Early Costumes – Pre Historic

Module II (10 Hrs)

Mesopotamian – Sumerian, Assyrian, Babylonian and Persian Ancient Egypt

Module III (20Hrs)

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

Module IV (20Hrs)

Costumes, Head Dress & Hairstyle, Footwear and Accessories of:
Asiatic Empires – China, Japan
Europe in Middle Ages – 11th-15thCentury

Renaissance

Module V (15Hrs)

Twentieth Century (1901-1940), (1940-1960),(1960 – till present)

References:-

- Yarwood.D –(1992)- *Fashion in the western world*- Trafalgar Square

- Bradely C.G – (2013)- *Western World Costume – an outline history*- Dover Publications
- Tierney .T-(2003)- *Historic Costume – From ancient times to renaissance –* Dover Publications
- W. Bruhn and Tilke. M- (1991)- *A Pictorial History of costume –* Pepin Press

Competencies of the course:

- Learn the costumes, head dress and accessories of various civilization
- To understand the evolution of costumes from early to modern period
- Implement the knowledge of the historical costumes into the contemporary fashion.

BLUE PRINT

B.Sc. III Semester – Core Course – (Apparel and Fashion Design)

CODE: FD3B03B18

COURSE TITLE: HISTORY OF WESTERN COSTUME

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
I	7	2	1		9
II	10	2	2	1	29
III	20	4	2	1	33
IV	20	2	2	1	29
V	15	2	2	1	29

SEMESTER – IV

CORE COURSE – APPAREL AND FASHION DESIGN

FD4BP09B18- FASHION ILLUSTRATION AND RENDERING TECHNIQUES

Credits – 3

Total Lecture Hours –72 Hours

Aim:

To make the students understand the draping techniques of the garments on croqui.

To teach basic proportions of men's croquis and kid's croquis

Course Overview and Context:-

The course provide knowledge on children's croquie and Men's croquie

Module I (17Hrs)

Draping of garments on croqui

Module II (15Hrs)

Basic children's croquis- New born, 1 year, 2 years, 4 years,6 years, 8 years, 10 years, 12 years, 16 years

Kids play wear, uniforms and Party wear

Module III (15Hrs)

Basic men's croquis and their various poses

Men's casual, formal and Party wear

Module IV (10Hrs)

Women's wear designs- Formal, casual and Ethnic with special emphasis.

ModuleV (15Hrs)

Conceptualize and design a thematic collection of 6 garments.

Related Experience

Students should submit the record of all the work.

References:-

- Garthe.M –(1996)- *Fashion and Color*- Rockport publishers
- Massachusetts Massachusetts .B –(2008)- *Essential Fashion Illustration Colour + Medium*,Rockport Publishers, Gloucester, MA
- Drake.N –(1994) *Fashion Illustration Today* -Thames & Hudson London

- Nunnely C.A – (2009) -*Fashion Illustration School* - Thames & Hudson- London

Competencies of the course:

- Improved the students skill of draping materials on fashion figures.
- Understand about the techniques of draping.
- Attain knowledge about the technicality of a designed drapes on human body
- Acquire creative knowledge about colour combinations and how to create visual effects.
- Understanding about the techniques of Colour rendering and Materials Rendering
- Enabled the student's to make use of innovative mediums and methods for Rendering materials.
- Awareness on the textiles ,its texture, pattern and hand of all types of natural and manmade textiles
- Acquire knowledge about the collection designing through effective creative research and design thinking.
- Understand how to design a garment for the customers and how age, profession, status influence the design.
- Make successful designer with creativity and practical knowledge

SEMESTER – IV

CORE COURSE – APPAREL AND FASHION DESIGN

FD4BP10B18 - INDIAN CLOTHING CONSTRUCTION

Credits – 4

Total Lecture Hours – 90 Hrs

Aim:-

To enable students to learn the aspects of Indian garment construction and to know the concept of garment making

Course Overview and Context

The course gives a thorough knowledge about the construction and its finishing of Indian garments

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.

Reference:-

- Sodhia.M (2007)- *Garment Construction* – Kalyani Publisher Ludhiana Punjab
- Singh B- *Clothing Textiles And Garment Production*
VastraVigyanEvamParidhan
- Zarakkar.K.R(2008)-*Zarakkar system of cutting*- Navaneeth Publishing-
Mumbai,India

Competencies of the course:

- Learn to lay the draft according to the design of the garment.
- Learn the techniques of marker planning
- Learned to do the proper layout of paper drafts on the fabric and to make maximum usage of fabric with minimum wastage.
- Practicing the methods of construction and finishing

SEMESTER – IV

CORE COURSE – APPAREL AND FASHION DESIGN

FD4BP11B18- FUNDAMENTALS OF DESIGN THINKING

Credits – 3

Total Lecture Hours – 72 hours

Aim:-

To introduce the students to the process of design thinking

To apply the knowledge of solution based thinking to various activities

Course Overview and Context:-

The course enables the students to develop

a solution through design thinking process

(25Hrs)

Module I

Stages of Thinking – Define, Research, Ideate, Prototype, Select, Implement,

Learn Research – Identifying Drivers, Information Gathering, Target groups,

Sample and Feedbacks

Module II

(12Hrs)

Idea Generation- Basic Design Directions, Themes for Thinking, Inspiration &

Reference, Brainstorming, Value, Inclusion, Sketching, Presenting Ideas

Module III

(12Hrs)

Refinement - Thinking in Images, signs, shapes, proportion, color Appropriations,

Humour, Personification, Visual Metaphors, Modification, Thinking in Words ,

Words and Language, Types, Faces

Module IV

(10Hrs)

Prototyping – Developing Design, Types of Prototype, Vocabulary

Module V

(13Hrs)

Implementation – Format, Materials, Finishing, Media, Scale , Series / Continuity

Reference:-

- Lockwood.T(2009)- *Design Thinking Integrating Innovation Customer Experience & Brand Value*- Allworth Press Newyork.
- Ambrose.G , Harris.P(2009)- *Design Thinking* – AVA Bloomsbery Publishing Pvt Ltd-Switzerland.

Competencies of the course:

- Innovative ideas generated through brain storming sessions
- Innovative ideas can be presented in different perspectives to overcome the problems
- Feed back is obtained on completion of the product.

SEMESTER V

CORE COURSE- APPAREL AND FASHION DESIGN

FD5B05B18 - ENVIRONMENTAL STUDIES & HUMAN RIGHTS

Credits- 4

Total Lecture Hours – 72 hours

Aim:-

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

Environmental Education helps students to understand how their decisions and actions affect the environment, builds knowledge and skills necessary to address complex environmental issues, as well as ways we can take action to keep our environment healthy and sustainable for the future. It encourages character building, and develops positive attitudes and values.

To develop the sense of awareness among the students about the environment and its various problems and to help the students in realizing the inter-relationship between man and environment and helps to protect the nature and natural resources.

To help the students in acquiring the basic knowledge about environment and the social norms that provides unity with environmental characteristics and create positive attitude about the environment.

Course Overview and Context:-

The course aims to give awareness about the environmental issues and create a positive attitude about the environment

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 individual in conservation of natural resources. Equitable use of resources for sustainable life styles.

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, Kasthuriengan 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)

References:-

- Bharucha Erach, Text Book of Environmental Studies for undergraduate Courses. University Press, IInd Edition 2013 (TB)
- Clark.R.S., Marine Pollution, Clanderson Press Oxford (Ref)
- Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T.2001 Environmental Encyclopedia, Jaico Publ. House. Mumbai. 1196p .(Ref)
- Dc A.K.Environmental Chemistry, Wiley Eastern Ltd.(Ref)
- Down to Earth, Centre for Science and Environment (Ref)
- Heywood, V.H & Watson, R.T. 1995. Global Biodiversity Assessment, Cambridge University Press 1140pb (Ref)
- Jadhav.H & Bhosale.V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284p (Ref)
- Mekinney, M.L & Schock.R.M. 1996 Environmental Science Systems & Solutions. Web enhanced edition 639p (Ref)
- Miller T.G. Jr., Environmental Science, Wadsworth Publishing Co. (TB)
- Odum.E.P 1971. Fundamentals of Ecology. W.B. Saunders Co. USA 574p (Ref)
- Rao.M.N & Datta.A.K. 1987 Waste Water treatment Oxford & IBII Publication Co.Pvt.Ltd.345p (Ref)
- Rajagopalan. R, Environmental Studies from crisis and cure, Oxford University Press, Published: 2016 (TB)
- Sharma B.K., 2001. Environmental Chemistry. Geol Publ. House, Meerut (Ref)
 - Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell Science (Ref)
- Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Stadards, Vol I and II, Enviro Media (Ref)
- Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (Ref)
- Wanger K.D., 1998 Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p (Ref)
- (M) Magazine (R) Reference (TB) Textbook

Environment And Fashion

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

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

Competencies of the course:

- Utilization of waste of textile industry
- Importance of trashion in the contemporary fashion
- Knowing of occupational hazards in clothing industry due to the processing techniques
- Create a responsible designer who will serve the country and society

BLUE PRINT

BSc V Semester - Core Course (Apparel and Fashion Design)

CODE: FD5B05B18

COURSE TITLE: ENVIRONMENTAL STUDIES & HUMAN RIGHTS

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
I	18	2	1	1	24
II	26	5	4	2	60
III	20	3	3	1	36
IV	10	1	1	-	7
V	8	1	-	-	2

**B Sc PROGRAMME-APPAREL AND FASHION DESIGN
SEMESTER V - CORE COURSE (APPAREL AND FASHION DESIGN)
FD5B05B18 - ENVIRONMENTAL STUDIES & HUMAN RIGHTS
MODEL QUESTION PAPER**

Time : 3 Hrs

Total Marks : 80

PART A

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

1. What is eco system?
2. What is global warming?
3. What do you mean by rehabilitation?
4. What is eco – fashion?
5. Define traction.
6. What is ethical fashion?
7. What is UNICEF?
8. What do you mean by Fair trade?
9. What is Air protection Act?
10. What is Rain water harvesting?

11. What is green house effect?
12. What are the consequences of ozone layer depletion?

(10 x 2=20 marks)

PART B

(Answer any 6 questions. Each question carries 5 marks)

13. Write on Wildlife protection act and forest conservation act.
14. Briefly describe the benefits and problems caused by dams.
15. Explain the energy flow in an ecosystem. What is an energy cycle?
16. Write a note on sustainable fashion.
17. Discuss Joanne Frankelstein's Theory of "response to Environment".
18. Explain waste couture.
19. What are recycled fibers?
20. What is noise pollution? How can it be controlled?
21. Briefly explain the Environment Protection Act of 1986.

(6x 5 = 30 marks)

PART C

(Answer any 2 questions. Each question carries 15 marks)

22. a) Explain the role of individuals in conservation of natural resources.
b) Explain a forest ecosystem focusing on the different types, its importance and characteristics.
23. a) What is Resettlement and Rehabilitation? Discuss the reasons and problems related to resettlement and rehabilitation policies in India.
b) Explain the difficulties faced by women and children in developing economies?
24. Write explanatory notes on a) acid rain b) nuclear pollution c) BOD & COD
25. Discuss fair trade, working conditions and exploitation related to it.

(2 x 15 = 30 marks)

SEMESTER -V
CORE COURSE – APPAREL AND FASHION DESIGN
FD5BP12B18 - WESTERN CLOTHING CONSTRUCTION

Credits – 3

Total Lecture Hours – 108 hours

Aim:-

To enable students to learn the aspects of Western garment construction and to understand the concept of garment making

Course Overview and Context:-

The course aims to provide knowledge about the construction and finishing of western garments.

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 Shirt with shirt collar and half sleeve

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:-

- *Complete guide to Sewing* (2010)- Readers Digest Association, Pleasant ville – Newyork.
- Armstrong H.J(2006)- *Pattern Making for Fashion Design*, Fairchild Books –London
- Callahan.E, Edna and Barry.E(2008)- *Garment Construction* , Wild press-USA
- Evelyn M.A(1974)-*Clothing Construction* – Houghton Mifflin, Harcourt – Boston M.A

Competencies of the course:

- Learn to assemble basic trouser
- Acquire knowledge in constructing bodice variation and dress variation

SEMESTER - V

CORE COURSE – APPAREL AND FASHION DESIGN

FD5BP13B18- COMPUTER AIDED FASHION DESIGN

Credits – 3

Total Lecture Hours – 90 hours

Aim:-

To teach the students software essential for their design needs.

Course Overview and Context:-

The course provide knowledge about designing and layout using softwares

Module I (10Hrs)

MS Office and Internet knowledge

Module II (20Hrs)

Adobe Illustrator

Module III (25Hrs)

Adobe Photoshop

Module IV (25Hrs)

Corel Draw, Creating mood board, and colour board , Spec drawing, Draping garments on croquis, Color rendering of garments, Textile designing, Accessory designing

Module V (10Hrs)

Layout planning for portfolio

References:-

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

Competencies of the course:

- Understand how essential the softwares are for their design needs.
- Understand the software which lead to a good Fashion illustrator in Industry.
- Utilize the software for communicating with the customers
- Improved Illustration skills.
- Enabled to create the Spec Sheets of International Standards.
- Acquire knowledge for editing the fashion photographs
- Understand how to save time in photo shoots with the proper usage of this software.
- Understand the techniques of visual effects in magazine editing
- Know how to create a Creative Designers portfolio with the software.
- Attain knowledge in creating theme board, colour board etc.
- Learn to arrange the Textile prints
- Understand the layout planning while create portfolio.

SEMESTER - V

CORE COURSE – APPAREL AND FASHION DESIGN

FD5BP14B18- CHILDREN'S CLOTHING

Credits – 3

Total Lecture Hours – 108 hours

Aim:-

To teach the students methods of taking body and form measurements

To teach the construction methods for kid's wear

Course Overview and Context:-

The course provide a knowledge about the drafting and construction of children's basic garments and variations of basics pattern set

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 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 Circular 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:-

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

Competencies of the course:

- Learn to take measurements for different age groups.
- Learn to make patterns based on different designs
- Know to select fabric according to the designs
- Expertise in finishing process while construction

SEMESTER - VI

CORE COURSE – APPAREL AND FASHION DESIGN

FD6BP15B18 - THEMATIC LINE DEVELOPMENT

Credits – 5

Total Lecture Hours –198 hours

Aim:-

To help the students to independently develop a thematic line using the knowledge gained and their creativity.

Course Overview and Context:-

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

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

Competencies of the course:

- Expertise in taking inspiration
- Develop mood and story board
- Develop designs
- Deeside the colour and colour combinations
- Explore and source the fabric suitable for the theme
- Developing patterns for the designs
- Construct and accessories the garments according to the design
- Equip to present the collection

SEMESTER - VI
CORE COURSE – APPAREL AND FASHION DESIGN
FD6BP16B18 - JEWELRY DESIGNING

Credits – 3

Total Lecture hours – 72 hours

Aim:-

To learn the skills needed to generate and exemplify for a range of jewellery.

Course Overview and Context:-

The course helps to learn about the designing and making of jewellery

Module I (10Hrs)

Introduction to gold and metallurgy

Module II (20Hrs)

History of Indian jewellery – Designing of jewellery on the basis of Rajasthan,
Mughal,
South Indian, Tribal, Ancient, Bengali

Module III (12Hrs)

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

Module IV (20Hrs)

Design jewellery based on ancient influences

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:-

- Balakrishnan R U and Sushilkumar M- 2006-*Indian Jewellery Dance of Peacock*-India Book House Ltd-Mumbai
- Clarke D -1998-*African Hats And Jewellery*-Chartwell Books INC-New jersey
- Sehman W-2000-*Gemstones Of The World*-Sterling Publications-New York

Competencies of the course:

- Understand the different physical and chemical behaviour of metallic elements.
- Able to identify the types of historical and modern jewelry.
- Identify and differentiate among the Traditional jewelleries of India.
- Understand the features of the jewellery through which they get a wider perspective of the culture.
- Understand the various techniques of gold manufacturing.
- Equip them with good knowledge about each technique.
- Equips the students to create competitive designs in the industry.
- Confident to create designs from any object.
- Equip them to understand the different cuts and shapes of the stones.
- Trained as gemologists to identify and evaluate gems.

SEMESTER - VI

CORE COURSE – APPAREL AND FASHION DESIGN

FD6BP17B18- PORTFOLIO PRESENTATION

Credits – 3

Total Lecture Hours – 108 hours

Aim:-

To help students to prepare a competitive portfolio which include best of their skills and talents

Course Overview and Context:-

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 students are required to submit the portfolio as the record during the external evaluation.

References:-

- Tain.L(2004)-*Portfolio Presentation for Fashion Designers*-Fairchild Books – NewYork

SYLLABUS FOR CHOICE BASED COURSES

SEMESTER - VI

CHOICE BASED COURSE: I

FD6BP18aB18- Thematic Furnishing

Credits – 3

Total Lecture Hours –72hours

Aim:-

To make the students understand the importance of home furnishing in making the appeal of a décor.

Course Overview and Context:-

The students have to do thematic collection of furnishings wherein they have to design and construct the most appropriate furnishings based on a theme.

The students are required to present this thematic collection along with a report for the external evaluation.

Competencies of the course:

- Expertise in taking inspiration
- Develop designs
- Deeside the colour and colour combinations
- Explore and source the fabric suitable for the theme
- Developing patterns for the designs
- Construct according to the design
- Equip to present the collection

**CHOICE BASED COURSE: 2
FD6BP18bB18- DRAPING**

Credits – 3

Total Lecture Hours –72 hours

Aim:-

To teach the basic principles of draping

Course Overview and Context:-

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

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 two.

Basic Front and Back Cowl

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

Related Experience:-

Students should maintain a record of all the work.

References:-

- Amaden.C, Crawford-1989, 1996, 2005-*The Art of Fashion Draping*-Fairchild Publications -Newyork
- Joseph H-2013-*Draping For Apparel Design*- Fairchild Publications –Newyork

Competencies of the course:

- Draping of basic patterns on the dress forms
- Develop intricate designs on models and dress forms
- Accurate calculation of the materials required through draping

CHOICE BASESD COURSE: 3

**FD6BP18cB18- COMPUTER AIDED PATTERN MAKING AND
GRADING**

Credits – 3

Total Lecture Hours – 72 hours

Aim:-

To teach the students basics of computerized pattern making and grading which is useful in industrial garment production

Course Overview and Context:-

The course helps to learn about the computer aided pattern making and grading using software

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)

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:-

- Bond. T & Beazley. A (2003) – *Computer aided pattern design and product development*
- Blackwell Publishing.Ltd – Manchester, UK
- 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*
- Goymar – *Computed aided pattern making – Gerber Technology - Spain*
- *Reach CAD software*
- TULKCAD – *Pattern making software for fashion design*

Competencies of the course:

- Equip with CAD soft wares
- Understanding the importance of pattern grading for various sizes

SYLLABUS FOR OPEN COURSES

SEMESTER - V

**OPEN COURSE 1 – APPAREL AND FASHION DESIGN
FD5D01aB18- ELEMENTS AND PRINCIPLES OF DESIGN**

Credits – 3

Total Lecture Hours – 72 hours

Aim:-

To inculcate knowledge on the basic elements and principles of designing

To help the students to implement the knowledge gained in day to day life.

Course Overview and Context:-

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

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)

Colour theory:-

Primary, secondary, tertiary colours Colour wheel-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

(10 Hrs)

Application of colour in clothing

Seasonal colours

Module V

(10 Hrs)

Designing principles:-

Balance, Emphasis, proportion, Rhythm, Unity

References:-

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

Competencies of the course:

- Study the concept of color theory and color wheel
- Understand the elements of design
- Learn the designing principles
- Grasp the sense of fashion aesthetics and designing

BLUE PRINT

BSc V Semester - Open Course (Apparel and Fashion Design)

CODE - FD5D01aB18

COURSE TITLE: ELEMENTS AND PRINCIPLES OF DESIGN

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
I	14	3	2	1	31
II	16	3	1	-	11
III	18	4	3	2	53
IV	10	1	1	-	7
V	10	1	2	1	27

**B.Sc. APPAREL AND FASHION DESIGN
Semester V - Open Course (Apparel and Fashion Design)**

FD5D01aB18 - ELEMENTS AND PRINCIPLES OF DESIGN

Time: 3 Hours

Total marks: 80

PART A

Answer any 10 questions (short answer questions)

1. What is space? Explain.
2. What is a texture? Name the components that determines texture
3. What is the importance of diagonal lines?
4. Differentiate between vertical and horizontal lines.
5. Explain kinetic lines with examples
6. Explain curved lines. Draw an example to show curved lines
7. List out the contrasting color schemes. Give an example each.
8. Give any two meaning for the following colors
Red, yellow
9. Explain the tints and shades of a color with an example each.
10. What are neutral colors? Name them.
11. Define the color palette of summer and winter
12. Define Unity and Harmony

(10X2=20marks)

PART B

Answer any 6 questions (short essay Questions)

13. Explain the following
 - Soft and clingy fabrics
 - Stiff and bulky fabrics
 - Shiny and dull fabrics
14. List down and explain the basic elements of art.
15. Explain the use of lines in clothing according to body shape
16. Differentiate between complementary and split complementary color schemes with examples.
17. Explain briefly about primary, secondary and tertiary colors. Give examples
18. Differentiate between warm and cool colors. Give examples and represent them in a color wheel.
19. Explain the various seasonal colors
20. Differentiate between formal balance and informal balance.
21. What are the basic laws of proportion? Also represent the Fibonacci series graph.

(5X6=30 marks)

PART C

Answer any 2 questions (Essay questions)

22. What are lines? List down and explain the different types of lines with illustrated examples
23. What is color scheme? Explain different types of color schemes with examples. Also explain about color dimensions using appropriate examples.
24. Draw a color wheel and mark colors on it. Also explain about the following.
 1. Primary colors
 2. Secondary colors
 3. Tertiary colors
 4. Warm colors
 5. Cool colors
25. What is a Balance? Explain about the different forms of balance.

(15X2=30 marks)

**OPEN COURSE 2 – APPAREL AND FASHION DESIGN
FD5D01bB18- FUNDAMENTALS OF VISUAL MERCHANDISING**

Credits – 3

Total Lecture Hours – 72 hours

Aim:-

To give the knowledge and importance of visual merchandising

Course Overview and Context:-

The course provide a knowledge about the visual merchandising and gives an idea to set up a design studio

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:-

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

Competencies of the course:

- Conceive the importance of visual merchandising
- Learn the terminologies of visual merchandising
- Analyze the importance of lights and displays in fashion stores
- Perceive the significance and usage of mannequins, props and fixtures
- Identify, analyze and overcome the problems faced in the visual merchandising

BLUE PRINT
BSc V Semester - Open Course (Apparel and Fashion Design)
CODE - FD5D01bB18
COURSE TITLE: FUNDAMENTALS OF VISUAL MERCHANDISING

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
I	15	2	2	1	29
II	18	3	2	1	31
III	18	3	2	1	31
IV	12	2	1	-	9
V	16	2	2	1	29

**OPEN COURSE 3 – APPAREL AND FASHION DESIGN
FD5D01cB18- SOCIO-PSYCHO ASPECTS OF CLOTHING**

Credits – 3

Total Lecture Hours – 72 hours

Aim:-

To understand the effect of various social and psychological factors on clothing

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

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:-

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:-

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

Competencies of the course:

- Explore the clothing behavior and its importance
- Gain an idea on consumer segmentation and customer profile
- Identify the personality, attitude and lifestyle of people in relation to clothing

BLUE PRINT

BSc V Semester - Open Course (Apparel and Fashion Design)

CODE: FD5D01cB18

COURSE TITLE: SOCIO-PSYCHO ASPECTS OF CLOTHING

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
I	18	3	3	1	36
II	8	2	1	-	9
III	18	3	2	1	31
IV	13	2	1	1	24
V	15	2	2	1	29

SYLLABUS FOR COMPLEMENTARY COURSES

SEMESTER-I

COMPLEMENTARY COURSE: I - CONCEPT IN APPARELS

FD1C01B18- FABRIC SCIENCE

Credits—4

Total Lecture Hours - 72

Aim:-

To give students a complete understanding of the characteristics, uses and importance of Natural and Manmade fibers

To give an understanding of the process involved in the production of fibers, yarns and fabrics along with the dyeing and printing.

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

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

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.
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 (schreinerling, moireing, embossing, cire, napping, beetling, sueding, flocking), Functional finishes(Abrasion resistant, crease resistant, durable press, shrinkage, water repellent, flame resistance, Antimicrobial, Antirot, Soil release)

Module V

(12Hrs)

Dyeing and Printing –An Introduction

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:-

- Kadolph S.J, Langford.A.L-2006- *Textiles*-Prentice Hall- New Jersey, USA
- Porter,Corbmon -1983-*Fiber To Fabric*-Mc Graw Hill Book Company-Newyork
- Joseph L.M -*Essentials Of Textiles*-Holt Rinehart&Winston -Auslin,Texas,USA

Competencies of the course:

- Identify the various textile fibers and its manufacturing process
- Attain knowledge on various fabrication methods
- Learn and explore modern fibers and fabrics
- Extrapolate on the various dyeing and printing methods

BLUE PRINT
B.Sc. I Semester – Complementary Course I (Concepts in Apparels)
CODE: FD1C01B18
COURSE TITLE: FABRIC SCIENCE

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
I	20	4	2	1	33
II	10	2	1	-	9
III	18	2	2	1	29
IV	12	2	1	1	24
V	12	2	2	1	29

B.Sc. PROGRAMME- APPAREL AND FASHION DESIGN
SEMESTER I – COMPLEMENTARY COURSE I (CONCEPTS IN APPARELS)
FD1C01B18 - FABRIC SCIENCE
MODEL QUESTION PAPER

Time: 3 Hours

Maximum Marks: 80

Part A
(Short Answer Questions)

Answer any 10. Each question carries 2 mark.

1. What are staple fibers? Give example.
2. What is called retting?
3. Differentiate woolens and worsteds?
4. Give any two uses of jute fiber?
5. What is an effect yarn?
6. What is called as yarn count?
7. Define weaving? Give an example for twill fabric?
8. What are nonwovens? Give two examples
9. What is called calendering?
10. What is called flocking?
11. Define printing? Name a resist method of printing?

12. Give two examples for animal dye?

(10x2=20)

Part B

(Brief Answer Questions)

Answer any 6. Each question carries 5 marks.

13. Write on the classification of textile fibers?
14. Discuss on the properties of linen fiber?
15. Describe modern methods of spinning?
16. Explain the different types of fancy yarns?
17. Describe the parts of a basic loom and its major functions?
18. What is a twill weave? Plot a 2/1 right hand twill weave?
19. Write briefly on the basic finishes given to a fabric?
20. Explain the different methods of dyeing?
21. Write on discharge printing?

(6x5=30)

Part C

(Brief Answer Questions)

Answer any 2. Each question carries 15 marks.

22. Write in detail about the production and properties of cotton fiber?
23. What is knitting? Describe in detail about warp and weft knitting?
24. Explain in detail the different types of functional finishes?
25. Give an account on the classification of natural and synthetic dyes?

(2x15=30)

SEMESTER – II

COMPLEMENTARY COURSE: II- APPAREL BUSINESS

FD2C02B18- FASHION MARKETING AND MERCHANDISING

Credits – 4

Total Lecture Hours – 72 hours

Aim:-

To give awareness regarding the importance of Fashion

Marketing

To know about the changing customer demands

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

Module I (16Hrs)

Marketing – Introduction to Marketing, Definition, Fashion Marketing Concepts

Marketing Mix – Product, Price, Place, and Promotion

Marketing research and planning – Qualitative, Quantitative, Primary research,

Secondary research, Marketing research methods, SWOT analysis

Module II (8Hrs)

Customer Segmentation – Demographic segmentation, Psychographic segmentation,

Consumer buying behavior

Module III (14Hrs)

Brand and Fashion retailing – Brand definition, Brand Name, Brand Licensing, 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, Window display, Visual Merchandising. Fashion Advertising, Sales Promotion, and Fashion 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:-

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

Competencies of the course:

- Understand the role of buyer and merchandiser
- Learn the terminologies of fashion merchandising
- Acquire knowledge on fashion marketing mix and fashion research methods
- Gain insight on customer segmentation
- Apprehend on brands and branding methods
- Perceive the concept of fashion promotion

BLUE PRINT

B.Sc. IV Semester – Complementary Course: II- Apparel Business

CODE: FD4C01B18

**COURSE TITLE: FASHION MARKETING AND MERCHANDISING
SEMESTER- II**

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
I	16	2	2	1	29
II	8	2	1	-	9
III	14	3	2	1	31
IV	14	2	1	1	24
V	20	3	3	1	36

SEMESTER – III

COMPLEMENTARY COURSE: I CONCEPT IN APPARELS

FD3CP01B18- TEXTILE DESIGN

Credits – 3

Total Lecture Hours – 72 hours

Aim:-

To make the students to know about the various prints and their terminologies

To help the students develop their own designs

Course Overview and Context:-

The course provide an indepth knowledge about the different categories of textile prints and its applications

Module I (4 Hrs)

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 III (10Hrs)

Colour chart preparation

Colour theory and colour harmonies

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:

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

Competencies of the course:

- Explore the traditional and contemporary prints
- Identify and analyze the textile prints in the market
- Execute the application of different print on various products

SEMESTER – III

**COMPLEMENTARY COURSE: I- CONCEPT IN APPARELS
FD3C01B18- APPAREL PRODUCTION AND QUALITY CONTROL**

Credits – 4

Total Lecture Hours – 72 hours

Aim:-

To give the student an awareness regarding the equipment's, their need and use in the garment industry

To provide an insight into the aspects of quality control in the Industry

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

Module I (20Hrs)

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. Quality Parameters of Yarn / Fabric / Garment / Accessories,

Testing – Testing laboratories, Various Tests – Yarn / Fiber, Testing Agencies

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:-

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

Competencies of the course:

- Identify the various machines in the garment production industry
- Understand the applications of stitch types and seam
- Attain knowledge on various garment finishing operations and importance of care labeling
- Focus on quality control and quality parameters
- Learn the importance of certification in apparel industry

BLUE PRINT

B.Sc. IV Semester – COMPLEMENTARY COURSE: I- CONCEPT IN APPARELS

CODE: FD4C02B18

COURSE TITLE: APPAREL PRODUCTION AND QUALITY CONTROL

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
I	20	3	2	1	31
II	22	3	3	1	36
III	15	3	2	1	31
IV	5	1	1	-	7
V	10	2	1	1	24

SEMESTER – III

COMPLEMENTARY COURSE: II – APPAREL BUSINESS

FD3C01B18- FASHION THEORY

Credits – 4 (Theory 4)

Total Lecture Hours – 72 hours

Aim:-

To introduce the students to the various terminologies and aspects of fashion

To give awareness about how fashion business operates and to help them to understand the changes occurring in the fashion industry

Course Overview and Context:-

The course helps to learn about the fashion terminologies and gives an understanding of about the fashion business world

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&EnvironmentofFashion–MeaninganditsTerms,,Buyingselling cycle, Test Marketing, Fashion Consumer Behaviour, Fashion Movement and Consumer Acceptance, Fashionlifecycle, ConsumerIdentificationwithlifecycle– Fashionleaders/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, SampleDevelopment, Line Development.

Module V

(16 Hrs)

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

References:-

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

Competencies of the course:

- Gain knowledge on fashion terminologies
- Attain awareness on the concept of fashion cycle and identification with fashion life cycle
- Understand the relationship between consumerism and fashion
- Learning the various international and Indian fashion centre and Fashion designers
- Know about the various clothing sizes
- Acquire knowledge on product sample and design development
- Imbibe the information on Fashion forecasting and sources of fashion forecasting

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B.Sc. II Semester – Core Course – (Apparel and Fashion Design)

CODE: FD3C01B18

COURSE TITLE: FASHION THEORY

MODULES	HOURS	PART A (short answer) 2 marks 10/12	PART B (short essay) 5 marks 6/9	PART C (essay/proble m) 15 marks 2/4	Total
I	13	5	1	-	15
II	12	3	3	1	36
III	15	2	3	1	34
IV	16	1	1	1	22
V	16	1	1	1	22

SEMESTER – IV

COMPLEMENTARY COURSE: I - CONCEPT IN APPARELS

**FD4C01B18- TRADITIONAL INDIAN TEXTILES AND HISTORY OF INDIAN
COSTUME**

Credits – 4

Total Lecture Hours - 72

Aim:-

To introduce students to the various traditional textiles of India and to give an understanding of their contemporary status

To provide the students an overview of historical costumes

Course overview and Context:-

The subjects gives an overview about the various traditional textiles all over India and provides knowledge on history of Indian costume

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 pipli work, Assam and the hill states of the North-East – Handloom weaving

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:-

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

Competencies of the course:

- Acquire knowledge on the various textiles of India
- Identify the traditional woven and embroidered textiles of northern ,southern, eastern and western India
- Study the historical costumes of India

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B.Sc. II Semester – Complementary Course I (Concepts in Apparels)

CODE: FD2C01B18

**COURSE TITLE: TRADITIONAL INDIAN TEXTILES AND HISTORY OF INDIAN
COSTUME**

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
1	8	2	1	1	15
2	22	4	3	1	36
3	12	3	2	1	34
4	20	3	3	1	22
5	10	-	-	-	22

**COMPLEMENTARY COURSE: II- APPAREL BUSINESS
FD4C02B18- ESSENTIALS OF ENTREPRENEURSHIP**

Credits – 4

Total Lecture Hours – 72 hours

Aim:-

To understand entrepreneurship, it's role and contribution to personal and community life.

To understand entrepreneurial culture and benefits of being an entrepreneur

To assess opportunities in the community and to develop those opportunities by applying personal experience, knowledge and expertise

Course Overview and Context:-

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

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)

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:-

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

Competencies of the course:

- Know the influence of entrepreneur in the economic development of the country
- Learn the various entrepreneurial development schemes
- Aware of the entrepreneurial institutions providing assistance to a beginner
- Acquire knowledge on the rules and regulations to start as independent entrepreneurs

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B.Sc. IV Semester – COMPLEMENTARY COURSE: I- CONCEPT IN APPARELS

CODE: FD4C03B18

COURSE TITLE: ESSENTIALS OF ENTREPRENEURSHIP

Modules	Hours	PART A- (short answer) 2 marks 10/12	PART B- (short essay) 5 marks 6/9	PART C- (essay/problem) 15marks 2/4	Total
I	10	1	1	-	7
II	15	3	2	1	28
III	15	3	2	1	31
IV	20	3	3	1	36
V	12	2	1	1	24