

B. VOCATIONAL PROGRAMME IN

FASHION TECHNOLOGY

Under

COURSE - CREDIT - SEMESTER SYSTEM AND GRADING

CURRICULUM OF PROGRAMME

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AIMS AND OBJECTIVES

AIM

The Bachelor of Vocation (**B.Voc.**) Degree programme in **Fashion Technology** is introduced under the University Grants Commission (UGC)'s new scheme of skills development based higher education. The aim of B. Voc. programme is to integrate Government of India's National Skills Qualifications Framework (NSQF) within the undergraduate level of higher education, in order to enhance employability of the graduates and meet industry requirements.

The curriculum of B. Voc. programme in Fashion Technology incorporates the requirements of various industries, in an innovative and flexible manner while developing a holistic and well-groomed graduate. This programme equips students to pursue a wide range of career prospects as designers in apparel manufacturing and merchandising. The syllabus of the course is designed in such a way that it provides the skill development required to be a successful fashion designer. The course also tunes student's entrepreneurial skills to set up their own manufacturing units.

OBJECTIVES

- To develop an understanding of the elements and principles of design
- To acquaint students with advanced techniques of designing and pattern making for different styles of clothing
- To familiarize students with various techniques of apparel making.
- To acquaint students with the skill of handling different materials and patterns.
- To enhance the creative skills of drawing, sketching and rendering colours for designing garments and accessories based on themes.
- To teach the techniques of testing textile materials for their properties
- To understand the different types of textile and surface ornamentation designs and techniques and to use them effectively in designing the garments.
- To impart knowledge of marketing and merchandising
- To gain knowledge of dyes used on different textile fibers and to get acquainted with different methods of Tie and Dye
- To create an awareness of the types of garments machinery available in the industry and to develop an understanding about the selection of the right machinery for production of the required garment
- To understand the relevance of forecasting as a tool of business generation in the fashion business
- To ensure that the students have adequate knowledge and skills, so that they are work ready at the exit point of the programme.

ELIGIBILITY

A pass in plus two or equivalent examinations recognized by the University, irrespective of the streams/subjects

DURATION OF THE COURSE

B. Voc. Fashion Technology shall be a six semester **full time programme** extending to three academic years consisting of 90 working days of instruction in each semester including examination.

PROGRAMME

B. Voc. Fashion Technology programme is grouped under the Model III - New Generation Courses.

COURSE STRUCTURE

The curriculum in each of the years of the programme is a suitable mix of **General Education** and **Skill Development** components. The General Education components emphasise and offer courses which provide holistic development. The focus of Skill Development components is to equip students with appropriate knowledge, practice and attitude, so as to become work ready. While designing the curriculum of Skill Development components, adequate attention has been given to practical work, industrial visit, internship, development of student portfolios and project work.

COURSE

The programme gives ample weightage to English as a communication medium. Students must develop the basic skills in English through General Education component courses in the first and second semester. Basic Computer Knowledge is also included in the General Education component. Other courses in the General Education components (total 13 courses) are complementing the core trade. Skill Development components includes 17 core courses, which provides all the practical skills and necessary knowledge required to become a fashion designer. The programme lays greater emphasis on interaction with the relevant industry in the form of internships.

COURSE SUMMARY

General Education components

- | | |
|------------|---|
| 1. ENGP01 | Communication Skills |
| 2. ENGP02 | Academic writing & Presentation Skills |
| 3. FTH1G1 | Information Technology and IT Tools (T+P) |
| 4. FTH2G1 | Fashion Theory |
| 5. FTH3G1 | Fundamentals of Apparel Production |
| 6. FTH3G2 | Machinery and Equipment |
| 7. FTH4G1 | Fundamentals of fashion marketing and merchandising |
| 8. FTH4G2 | Computer Aided Pattern Making (P) |
| 9. FTH5G1 | History of Western Costume |
| 10. FTH5G2 | Fashion Forecasting |
| 11. FTH6G1 | Textile & Garment Quality Analysis Assurance |
| 12. FTH6G2 | Advanced Fashion Illustration (P) |
| 13. FTH6G3 | Accessory Design (P) |

Skill Development components

1. FTH1S1	Elements of Design and Fashion (P)
2. FTH1S2	Textile Science
3. FTH1S3	Basic Pattern Making and Sewing Techniques (P)
4. FTH2S1	Foundation of Art and Design (P)
5. FTH2S2	Fashion Model Drawing (P)
6. FTH2S3	Surface Ornamentation (P)
7. FTH3S1	Pattern Drafting (P)
8. FTH3S2	Construction Techniques (P)
9. FTH3S3	Home Textiles (P)
10. FTH3S4	Draping (P)
11. FTH4S1	Garment Construction (P)
12. FTH4S2	Theatre Costume Designing (P)
13. FTH4S3	Chemical Processing of Fabric and Apparel
14. FTH5S1	Pattern Making And Grading (P)
15. FTH5S2	Construction of Soft Furnishing (P)
16. FTH5S3	Textile Design (P)
17. FTH5S4	Clothing Care

SCHEME OF COURSES

Courses with credits:

The B. Voc. Fashion Technology programme consists of General Education component courses with 70 credits and the Skill Development components with 110 credits. A Mini Project is included in Semester IV. Semester VI includes preparation for the Thematic Line Development, Portfolio Presentation and the Project work.

(One Credit mean equivalent of 15 periods of 60 minutes each, for theory,workshops/labs and tutorials. For internship/field work, the credit weightage for equivalent hours shall be 50% of that for lectures/workshops. Suggested Credits for General Education components – 12 per semester and for Skill Development components – 18 per semester.)

Course Code:

Every course in the programme should be coded according to the following criteria. The first three letters of the code indicate the programme i.e. FTH for Fashion Technology, One digit to indicate the semester, i.e. FTH1 (Fashion Technology, 1st semester). One letter from the type of courses such as, G for General Education component, S for Skill Development component. The last digit indicates course number of the semester. i.e. FTH1S1 (Fashion Technology, 1st semester, Skill Development course, Course number 1).

B. Voc. Fashion Technology
SCHEME & SYLLABUS WITH COURSE CODE, HOURS PER WEEK
AND DISTRIBUTION OF CREDIT

Sem	Course code	Title of course	Hours per week	Credit	Total hrs.	Uty exam dur. (hrs)	Weight Ratio	
							Internal evaul	External evaul.
I	ENGPO1	English I - Communication Skills	5	6	90	3	1	4
	FTH1G1	Information Technology and IT Tools (T+P)	5	3 3	90	3 3	1 1	4 4
	FTH1S1	Elements of Design and Fashion (P)	6	7	108	3	1	4
	FTH1S2	Textile Science	5	6	90	3	1	4
	FTH1S3	Basic Pattern Making and Sewing Techniques (P)	4	4	72	3	1	4
			Total	25	29	450		

Sem	Course code	Title of course	Hours per week	Credit	Total hrs.	Uty exam dur. (hrs)	Weight Ratio		
							Internal evaul	External evaul.	
II	ENGPO2	English II - Academic writing & Presentation Skills	5	6	90	3	1	4	
	FTH2G1	Fashion Theory	5	6	90	3	1	4	
	FTH2S1	Foundation of Art & Design (P)	5	6	90	3	1	4	
	FTH2S2	Fashion Model Drawing (P)	5	6	90	3	1	4	
	FTH2S3	Surface Ornamentation (P)	4	4	72	- 3	1	4	
			Industry Visit and Report		2	30			
			Total	24	30	462			

Sem	Course code	Title of course	Hours per week	Credit	Total hrs.	Uty exam dur. (hrs)	Weight Ratio	
							Internal evaul	External evaul.
III	FTH3G1	Fundamentals of Apparel Production	5	6	90	3	1	4
	FTH3G2	Machinery and Equipment	5	6	90	3	1	4
	FTH3S1	Pattern Drafting(P)	5	6	90	3	1	4
	FTH3S2	Construction Techniques (P)	5	6	90	3	1	4
	FTH3S3	Home Textiles (P)	4	4	72	3	1	4
	FTH3S4	Draping (P)	2	2	36	3	1	4
		Total		26	30	468		

Sem	Course code	Title of course	Hours per week	Credit	Total hrs.	Uty exam dur. (hrs)	Weight Ratio	
							Internal evaul	External evaul.
IV	FTH4G1	Fundamentals of fashion marketing and merchandising	5	6	90	3	1	4
	FTH4G2	Computer Aided Pattern Making (P)	5	6	90	3	1	4
	FTH4S1	Garment Construction (P)	5	6	90	3	1	4
	FTH4S2	Theatre Costume Designing (P)	4	4	72	3	1	4
	FTH4S3	Chemical Processing of Fabric and Apparel	4	4	72	3	1	4
		Internship I		2	60			
		Mini Project		2				
		Total		23	30	474		

Sem	Course code	Title of course	Hours per week	Credit	Total hrs.	Uty exam dur. (hrs)	Weight Ratio	
							Internal evaul	External evaul.
V	FTH5G1	History of Western Costume	4	4	72	3	1	4
	FTH5G2	Fashion Forecasting	5	6	90	3	1	4
	FTH5S1	Pattern Making And Grading (P)	4	4	72	3	1	4
	FTH5S2	Construction of Soft Furnishing (P)	5	6	90	3	1	4
	FTH5S3	Textile Design (P)	5	6	90	3	1	4
	FTH5S4	Clothing Care	4	4	72	3	1	4
		Total		27	30	486		

Sem	Course code	Title of course	Hours per week	Credit	Total hrs.	Uty exam dur. (hrs)	Weight Ratio	
							Internal evaul	External evaul.
VI	FTH6G1	Textile & Garment Quality Analysis Assurance	5	6	90	3	1	4
	FTH6G2	Advanced Fashion Illustration (P)	5	6	90	3	1	4
	FTH6G3	Accessory Design (P)	2	2	36	3	1	4
		Internship II		8	240			
		Project		4		Viva Voce	1	4
		Thematic Line Development		2		Viva Voce	1	4
		Portfolio Presentation		3		Viva Voce	1	4
		Total		12	31	456		

TOTAL CREDIT DISTRIBUTION

Semester	Total credits
I	29
II	30
III	30
IV	30
V	30
VI	31
Grand Total	180

COURSE DETAILS

Mini Project

Submission of Patterns of Basic Bodice, Sleeves & Collars and Yokes & Skirts

Project Work

Analysis and Development of women's wear - The project work should include Market survey to understand the present trends, Conceptualization to analyze the concept and to develop concept through mood board and story board, Design Development to develop various designs reflecting the concept, Product Development and Product Presentation.

Thematic Line Development

Each student will conceptualize and develop a collection of at least five garments by the end of 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.

Portfolio Presentation

To enable students develop a comprehensive portfolio showcasing their professional competencies and skills. 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 students to anyone who seeks their skills and talent. A viva based on their presentation will be conducted at the end of the VI semester by an external examiner.

EXAMINATIONS

The evaluation of each course shall contain two parts such as internal or In-Semester Assessment (ISA) and External or End-Semester Assessment (ESA). The external examination of all semesters shall be conducted by the University at the end of each semester. Internal evaluation is to be done by continuous assessment. The ratio between internal and external examinations shall be 1:4. There shall be a maximum of 80 marks for external evaluation and maximum of **20** marks for internal evaluation. For all courses (theory &

practical), grades are given on a 07-point scale based on the total percentage of marks. (ISA+ESA) as given below

Percentage of Marks	Grade	Grade Point
90 and above	A+ - Outstanding	10
80-89	A - Excellent	9
70-79	B - Very Good	8
60-69	C - Good	7
50-59	D - Satisfactory	6
40-49	E - Adequate	5
Below 40	F - Failure	4

Note: Decimal are to be rounded to the next whole number

Marks distribution for external and internal assessments and the components for internal evaluation with their marks are shown below:

For all theory courses

- a) Marks of external Examination : 80
- b) Marks of internal evaluation : 20

Components of Internal Evaluation	MARKS
Attendance	5
Assignment /Seminar/Viva	5
Test paper(s) (1 or 2) (1x10=10; 2x5=10)	10
Total	20

For all courses with practical

- a) Marks of theory –External Examination : 60
- b) Marks of theory –Internal Evaluation : 10

Components of Theory – Internal Evaluation	Marks
Attendance	3
Assignment	2
Test paper(s) (1 or 2) (1x5=5; 2x2.5=5)	5
Total	10

For all courses of Practical only

- a) Marks of Practical –External Examination : 40
- b) Marks of Practical- Internal Evaluation : 20
- c) Marks of Practical Record or Presentation : 40

Components of Practical- Internal evaluation	Marks
Attendance	4
Record	10
Lab involvement	6
Total	20

Attendance Evaluation**1) For all courses without practical**

% of attendance	Marks
90 and above	5
85 – 89	4
80-84	3
76-79	2
75	1

2) For all courses with practical

% of Attendance	Marks for theory
90 and above	3
80—89	2
75—79	1

% of Attendance	Marks for practical
90 and above	4
85--89	3
80--84	2
75--79	1

Assignments

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

Project Evaluation: (Max. marks100)

Components of Project-Evaluation	Marks
Internal Evaluation	20
Dissertation (External)	50
Viva-Voce (External)	30
Total	100

Credit point and Credit point average

Grades for the different Semesters and overall Programme are given based on the corresponding CPA, as shown in below

Credit point (CP) of a Course is calculated using the formula

$$CP = C \times GP, \text{ where } C = \text{Credit}; GP = \text{Grade Point}$$

Credit Point Average (CPA) of a Semester or Programme etc. is calculated using the formula

$$CPA = \frac{TCP}{TC}, \text{ where } TCP = \text{Total Credit Point};$$

TC = Total Credit

CPA	Grade
above 9	A+ - Outstanding
above 8 but ≤ 9	A - Excellent
above 7 but ≤ 8	B - Very Good
above 6 but ≤ 7	C - Good
above 5 but ≤ 6	D - Satisfactory
above 4 but ≤ 5	E - Adequate
≤ 4	F - Failure

B. Voc Programme in Fashion Technology Detailed Syllabus of the Programme

SEMESTER I

**Course code – ENGP01
English –I Communication Skills**

Credits: 6

Contact hours: 5

Total Hours: 90

Module 1

Making short conversations - initiating - responding - sustaining - follow up - closing.
Participating in conversations - Interaction pattern and transaction pattern - seeking clarifications – apology - giving opinion - greetings - requests - permission.

Module II

Making short formal speech - welcome speech - vote of thanks - farewell speech.
Planning - Writing - Delivery.
Group discussion - definition - Skills - communication - interpersonal. Leadership - problem solving. Types - topic based - case based. Roles and functions - Discussion etiquette.

Module III

Telephone communication- Types of calls- formal- semi formal- informal. Making appointments- Agreeing and disagreeing- Cancelling and rescheduling appointments.

Module IV

Reading Skills- Strategies- Reading with purpose- Making Predictions- Understanding text structure- Locating main points- Making inferences- Critical reading- Reading for research.

Module V

Listening Skills- Barriers to Listening- Difference between listening and hearing- Active Listening- Academic listening- note taking- Listening to announcements- Listening to radio and television news- Listening for overall information.

References

1. Sasikumar V, P Kiranmai Dutt, Geetha Rajeevan., *Communication Skills in English*, MG University Kottayam, 2009.

**Course code- FTH1G1
Information Technology and IT Tools (T+P)**

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

Introduction to Computers – peripheral devices, Hardware, Soft ware – System software, Application Software. Memories – semiconducting, magnetic and optical memory devices.

Operating systems – DOS, Windows, UNIX and Linux.

Module II

Microsoft Word- Basics of Word Processing, Opening, Creating, Editing, Formatting, Saving,

Printing and Quitting Documents, Merging Document, Using Mail Merge feature for Labels and Envelopes. Microsoft Power Point-Creating a presentation using Auto content wizard, Creating presentation using Design Template, Adding animation in slides. Microsoft Excel - Worksheets Basics, Data Entry in cells, Editing, Saving, Formatting and calculations, Working with Charts and Graphics, Database Management, Functions and Macros

Module III

Introduction to Linux :Shell – Executing commands and command options.

File Utilities (cp, mv, rm, etc.).

Module IV

Learning the Internet-Internet & its scope, Connecting to internet, Opening an Email account, sending & receiving Emails, Browsing the WWW

Module V

Page maker Wok Space- Basic tools and applications-Rulers and Guides- Creating, saving and printing new document-Working with text-pointer tools- control palette -importing text, working with layers.

Practical training

References:

1. Fundamentals of Computers, V Rajaraman, Prentice-Hall of India, New Delhi.
2. Computer and Commonsense, Roger Hunt & John Shelley, PHI
3. PageMaker for macintosh and windows, David D Busch, BPB Publications.

Course code - FTH1S1 Elements of Design and Fashion (P)

Credits: 7

Contact hours: 6

Total Hours: 108

Module I

Importance of Elements of Design and Fashion. Design develop with three elements (Line, Shape, Texture).

Line - i) Directing ii) Dividing iii) Psychological effects of line iv) Optical Illusion

Module II

Shape –i) Geometric ii) Natural iii) Non-objective iv) Silhouettes

Module III

Texture –i) Visual ii) Tactile iii) Audible

Module IV

Value & Colour - Colour theory- Prang colour system & Munsell. Colour wheel- primary, secondary and tertiary. Colour Dimensions-Hue, Value and Chroma. Colour harmony- Related & contrasting colour harmonies & its sub divisions. Application of colour in clothing. Seasonal colours.

Module V

Principles of Design : Rhythm, Balance, Emphasis, Harmony, Scale, Proportion, Variety, Informal and radial

Module VI

Elements of Fashion –i) Skirts ii) Dresses iii) Trousers iv) Tops v) Jackets vi) Coats vii) Necklines viii)Collars ix) Sleeves x) Cuffs xi) Pockets xii) Yokes

Elements of Design and Fashion (Record)

Design develop with three elements (Line, Shape, Texture).

Line –6 Type

Optical Illusion

Shape –i) Geometric ii) Natural iii) Non-objective iv) Silhouettes

Texture –10 type

Colour wheel- primary, secondary and tertiary.

Colour Dimensions-Hue, Value and Chroma.

Colour harmony- Related & contrasting colour harmonies & its sub divisions.

Principles of Design : Rhythm, Balance, Emphasis, Harmony, Scale, Proportion, Variety

Flat Sketch – i) Skirts, ii) Dresses iii) Trousers iv) Tops v) Jackets vi) Necklines

vii)Collars viii) Sleeves xi) Pockets xii) Yokes.

References:

1. Elements of Design – Space & Form; Elements of Design –Line, Albert W. Porter
2. Basic Principles of Design (Vol. 1-4) Manfred Maier
3. Basic Design: The Dynamics of visual form Sansmarg
4. Principles of Color Birren & Fabersvan
5. Clothing Technology Hannelore Eberle, Hermann Hermeling, Marianne Horaberger, Dieter Menzer, Warner Ribng

Course code - FTH1S2 Textile Science

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

The Textile Industry, Identification of fabric sample, Fibers: Classification, Composition, Origin/ manufacture of natural and manmade fibers. – Performance criteria of fibers,

Properties and characteristics of natural and manmade fibers. Cotton, Flex, Jute, Coir, Wool, Silk :- Properties, Finish, Clothing comfort.

Module II

Yarns : Spinning of natural and manmade fiber. Types of yarn, Yarns properties

Module III

Fabric Construction: Weaving- different weaving method, weaving preparation, Principle of cloth construction.

Knitting – Classification, Weft knitting, Warp knitting. Lacing, Netting, Felting

Module IV

Finishes: Finishes- definition, importance to the consumer, classification according to durability and function calendaring, brushing, carbonizing, crabbing, fulling, heat setting, shearing, weighting, tentering, napping and emerizing. Special Finishes and Treatments- water repellent and water proof finishes, antistatic finish, anti-slip finish, flame retardant finishes, crease resistant finishes, durable press and shrink resistant finishes.

References:

1. Textile from fibre to fabric, Berard Cobman
2. Understanding Textiles, Phyllis Toratora
3. J.J. Pizzuto's Fabric Science, Arthur Price
4. Clothing Technology, Europa Lehrmittal
5. Textiles Wayne, A, Macmillan, London

Course code - FTH1S3 Basic Pattern Making and Sewing Techniques (P)

Credits: 4

Contact hours : 4 Total hours : 72

Module – I

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

Introduction of sewing machine : Parts of sewing machine.

Hand seams & fastenings : Even tacking, Uneven tacking, Visible/invisible, Hemming, Back Stitch, Stay Stitch, Hook & eye, Press buttons, Button & buttonhole

Machine Seams : Plain, Flat open, Top Stitch, Double Top stitch, Edge stitch, Cord, Fagotted, Flat felt, Lapped. Seam finishes- pinked seam, hand overcast, over locked, bias bound, edge stitch etc.

Hem Finishes: Hand hemming- visible and invisible hemming, decorative hem-piped, faced hem and ruffled hem.

Plackets : Slit, Blouse, Continuous, Kurta, Kameez. Inseam placket, Hemmed placket, Continuous placket, Bound placket, Face placket, Kurtha placket, Zipper placket

Module III

Pocket making and application of out side pockets : Patch pocket –Unlined patch pocket, Curved patch pocket, Lined patch pocket, Patch pocket with separate flap, Patch pocket with self flap, Patch pocket with pleats, Pouched patch pocket.

Pocket making and application of inside pockets: Inseam pocket-Hip pocket, Slashed pockets, Welt pocket, Welt pocket with separate flap, Welt pocket with flap, Bound pocket, Bound pocket with flap.

Module IV

Tucks, Pleats - knife, box, inverted, pleat with separate underlay, gathering, shirring, Ruffles –straight and circular ruffle, Gathers.

Basic Pattern Making and Sewing Techniques (Record)

Drafting bodice block
Drafting sleeve pattern
Drafting skirt front and back
Drafting trouser pattern
Parts of sewing machine
Hand seam
Seam
Seam finish
Placket
Pocket, fasteners tuck

Related experience:-

The students should maintain a record of all the samples at the time of external evaluation. Students should conduct a survey on threads, needles and fasteners and submit the report along with the record.

Suggested readings:

Pattern Making for Fashion Design – Helen Joseph Armstrong – Prentice Hall, New Jersey
Dress fitting – Bray Natalie – OM Books Service
Complete Guide to Sewing – The Reader’s Digest Association, Inc., Pleasantville, New York / Montreal, Canada.
Garment Designing for Fashion Designers – Gerry Cooklin – Book link, USA

SEMESTER II

Course code - ENGP02

English II - Academic writing & Presentation Skills

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

Academic Writing Strategy- Research- Data Collection- Selecting key points- Note Making
Paraphrasing- Summery- Direct quote- Documentation- Plagiarism.

Module II

Writing process- Title- Theses- Developing the essay- Introduction- Body paragraph- Conclusion- Revising- Polishing- Proof reading.

Module III

Accuracy in academic writing- Articles- Nouns and prepositions- Subject-verb agreement- Phrasal verbs- Modals- Tenses- Conditionals- Prefixes and suffixes- Prepositions- Adverbs- Relative Pronouns- Passives- Conjunctions- Embedded questions- Abbreviations.

Module IV

Letters- Letter to the editor- Resume and covering letter- E-mails- Seminar papers- Project reports- Notices- Filling Application Forms- Minutes and Agenda- Essays

Module V

Soft Skills for academic Presentations- Effective Communication Skills- Structuring the presentation- Choosing appropriate medium- Clarity and brevity- Interaction and Persuasion- Interview skills- Group Discussions

References

1. Anderson, Marilyn. Pramod K Nayar., Madhucchanda Sen *Critical Thinking, academic Writing and Presentation skills*, MG University Kottayam, 2008.

Course code- FTH2G1 Fashion Theory

Credits: 4

Contact hours: 4

Total Hours: 72

Module I

Fashion terminologies – accessories, alta moda, 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,

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

Module II

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 III

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

Module IV

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

Suggested Reading:-

A Century of fashion – Frankcois – Baudot – Thames & Hudson, UK
Fashion from concept to consumer – Gini Stephens Frings – Prentice Hall
Inside the fashion business – Jeannette A Jarrow
Fashion Buying – Helen Goworek
Fashion Kaleidoscope – Meher Castellino

Course code- FTH2S1 Foundation of Art and Design (P)

Credits:6

Contact hours: 5

Total Hours: 90

Module I

Introduction - Introduction to art and design, Concept of good taste, objectives of art - Beauty, Expressiveness and Functionarism. Application of lines in architecture, interior design & apparel design.

Module II

Form – Definition, Classification of form, positive space and negative space . Essentials of good form. Relationship of texture to light, colour, pattern and Space. Application of texture in interiors & apparel design.

Module III

Pattern – Definition, Determinants of beauty in surface pattern, Pattern agreement, Application of pattern
Light - Application of light, Shadow and its meaning, Types of shadow, Application of Shadow, Relation of light to other elements of art
Space - Classification of space, Emotional significance of space, Relation of space to other elements of art

Module IV

Design - Definition and meaning, Types of design, Requirements of a good structural design, Requirements of a good decorative design

Foundation of Art and Design (Record)

Elements and principles of design to achieve objectives of beauty, expressiveness and functionalism.

Line - Types of lines - Vertical, horizontal, diagonal, curved, wavy, lines curved at one end, criss-cross creation of forms through the use of outline, dots, broken lines and continuous lines.

Creation of forms with hue, value, intensity and texture difference.

Gift Wrapping - Selection of wrappers, Wrapping various objects of different shapes, Tying bows, Types of bows . Creating decorative papers, envelopes etc.

Creating designs, Mandana - Symmetrical & asymmetrical, Stylised Designs

Floor Decoration - Different types of floor decorations such as rangoli, alpana, etc. , Making an accessory for home decoration

Lettering - Writing alphabets and numerals, Application of the law of margin in writing a sentence

Card making- any 4 type

References :

1. Bhatt. P. and Goenka. s. (2001). Foundation of Art and Design (2d rev. edi.). Bombay, Jagruti Printing Press.
2. Chauley.J. c. (2002). Aft & Aftichecture of Nalanda. New Delhi, sundeep.
3. Craig. H. and Rush. o. (1961). Homes with characfer. Delhi, Universal Book Stall.
4. Craven, Roy. C. (1977). Indian Aft : a consise history. London, Thomas & Hudson.
5. Goldstein H. and Goldstein V. (1961). Aft in everyday Life.'(4n"6d). New York, Macmillan Company.
6. Huntington, susan. L. & Huntington John. c. (1995). The Aft of Ancient India : Buddhist, Hindu, Jarn. New york, Weather Hill.
7. Kasu Ahmed. (1992). Introduction to Art, craft, Technique, science &i Profession of Interior Design. Bombay, lquara publications.
8. Mukerjee Ajit. (1996). 5000 Designs & Motifs from India. New york, Dover Pub. Inc.
9. Shibukawa | & Takashahi. (1990). Designers Guide fo 4. sanfrancisco.
10. Savill Julie (2001). 101 colour schemes that really work. London, BBC Worldwide Ltd.

Course code - FTH2S2
Fashion Model Drawing (P)

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

Perspective: Objective, Figurative. Head theory (8,10,12)

Human Anatomy: Kids, Female and Male. Studies of Human Body: Kids, Female and Male.
Different poses and attitudes. Front & Back poses.

Module II

Drawings:

a) Normal figure, fashion figure

b) Face drawing, nose figure drawing (3), leg figure (3), hand figure (3), hairstyles (3)

c) Accessories (footwear, bags, jewellery headgears).

Module III

Proportion of the Croquis -Kids, Male, Female. Stick croquis, Flesh out croquis, (front, back, side and 3/4th view)

Module IV

Draping of one garment on the kids, male, female figure.

Fashion Model Drawing (Record)

Perspective: Objective, Figurative. Head theory (8,10,12)

Human Anatomy: Kids, Female and Male. Studies of Human Body: Kids, Female and Male.
Different poses and attitudes. Front & Back poses.

Normal figure, fashion figure

Face drawing, nose figure drawing (3), leg figure (3), hand figure (3), hairstyles (3)

Accessories (footwear, bags, jewellery headgears).

Draping of one garment on the kids, male, female figure.

References:

1. Fashion Design Manual, Pamela Stekar
2. Fashion Sketch Book, Bina Abling
3. Fashion Design Illustration, John Turnpenny
4. Fashion Illustration Today, Nicholas Drake
5. 9 Heads, Nancy Riegelman
6. Fashion Illustration Techniques, Julian Seaman

Course code - FTH2S3
Surface Ornamentation (P)

Credits: 4

Contact hours: 4

Total Hours: 54

Module I

Embroidery-Embroidery tools and techniques, embroidery threads and their classification, selection of threads, needle and cloth, tracing techniques, ironing and finishing of embroidered articles.

Module II

Basic Hand Embroidery, their technique, variations and applications. Basic and two variations of running stitch, back stitch, stem stitch, chain stitch, lazy daisy stitch, buttonhole stitch, feather stitch, herringbone stitch, knot stitch, satin stitch and cross stitch.

Module III

Traditional Embroideries of India-Mirror work, Kundhan, Chicken work, Kanta Work, Kasuti work, Zhardhosi, kutch work, phulkari

Other embellishment Techniques- Sequence, Quilting, Appliqué, Smoking, Cut work, Patch work

Module IV

Hand painting techniques, Fabric painting – Dry, Wet, Spray

Surface Ornamentation (Record)

Basic Hand Embroidery – 10 sample

Mirror, Sequence, Quilting, Appliqué, Kundhan, Smoking, Chicken work, Kanta Work, Kasuti work, Cut work, Patch work, Zhardhosi ,kutch, phulkari

Hand painting techniques, Fabric painting – Dry, Wet, Spray

References:

1. Art of embroidery : History of style and technique, Lanto Synge, Woodridge
2. Encyclopedia of embroidery stitches including crewel, Marion Nicholas
3. Quilters work book, Pam Lonttot & Rosemary
4. Surface design for fabric, Richard M Proctor/Jennifer F Lew, University of Washington Press.
5. The Timeless Embroidery, Helen M, David & Charles

SEMESTER III

Course code - FTH3G1 Fundamentals of Apparel Production

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

The Clothing Industry - History, growth and structure of the clothing industry, Product categories, different sectors of the industry, Infrastructure and profile of a clothing factory.

Module II

Importance of design in production (economical & uneconomical), Process involved in making a design sheet and development of a collection for each season. Development of fabric - Analysis of desk-loom and strike off. Sample analysis and approvals – Counter samples

Module III

Production process - Fabric inspection and cutting room – inspection of fabric and its control, various methods of spreading fabric, use and importance of marker, understanding of pattern and methods of laying patterns, yardage control in cutting room, types of cutting machine.sewing operation,production techniques. Types of fusing, operation of fusing machine, quality aspects in fusing. Method of bundling and ticketing.

Module IV

Finishing room, Pressing equipment, Trimmings, packing, warehousing and shipping.

References:

1. Introduction to Clothing Manufacture – Gerry Cooklin, Blackwell Science.
2. Inside Fashion Design – Sharon Lee, Tate, Prentice Hall.
3. Apparel Manufacturing: Sewn product analysis, Ruth E Glock, Prentice hall.
4. Fashion Apparel and Accessories – Jay Diamond, Delmar Thomson Learning.
5. Stitch in Time: Learn Retailing & the Transformation of Manufacturing – Lessons. from the Apparel and Textile Industry, Frederich Albernathy, John T Dunlop, David Weil, Atticus Books.

Course code - FTH3G2 Machinery and Equipment (T + Industry Visit)

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

Tools & Equipments, Basic Machine study. Overview of the Garment mass production setup- Marker making, Spreading, Cutting, Ticketing, Bundling, Sewing, Finishing, Quality Checking.

Module II

Classification of cutting machines and their application : Straight Knife Cutting Machines, Band Knife Cutting Machines, Servo Assisted Cutting Machines, Computer Controlled Cutting Machines, Round Knife Cutting Machines, Hot notcher cutting machines.

Module III

Classification of Sewing Machines and their applications : Horizontal bed Machines, Vertical bed machines.

Classification of Finishing Equipments and their applications : The purpose of pressing, Categories of pressing, Pressing Equipments and methods, Stain removal, Packaging

Module IV

Stitch type analysis, classification and their applications : i. 100 Class, ii. 200 Class, iii. 300 Class, iv. 400 Class, v. 500 Class, vi. 600 Class

References :

1. Clothing Technology- Europa Lehrmittel
2. Technology of Clothing Manufacture - Harold Carr and Barbara Latham

Course code - FTH3S1
Pattern Drafting (P)

Credits: 6

Contact hours: 5 Total Hours: 90

Module I

Introduction to pattern drafting, Importance of pattern drafting in fashion industry, Tools & instruments used, Terminology & indications used, Standard body measurement charts : Front & Back, Basic Sleeve Pattern, Sleeve variations, Sleeve terminology, Sleeve Bodice combination

Module II

Children Bodice Block with size variations. Sleeves (Children) : Plain, Puff, Fancy puff, Leg-o-mutton.

Skirts (Children): Straight basic, A-line. Skirts (Adult) : Basic single & double dart, A line, Paneled, Gored, Flounce, Wrap

Module III

Collars (Children) : Peter pan, Cape, Bishop, Sailors. Nightwear (children) : Pajama, Top. Collars (Adult) : Convertible, Non convertible, Flat roll, Partial roll, Full roll, Collars with deep open necklines

Module IV

Dart Manipulation : Slash and spared technique, Pivot transfer technique, Single dart series, Double dart series. Dart Manipulation: Curved, Parallel, Graduating, Radiating, Dart Equivalents

Module V

Skirt : Introduction to fullness & skirt variations : Dirndl skirt, Gypsy skirt, Tiered skirt, Balloon Skirt. Introduction to Slash n spread technique & yoke with gathers.

Pattern Drafting (Record)

Children Bodice Block with size variations. Sleeves (Children) : Plain, Puff, Fancy puff, Leg-o-mutton.

Skirts (Children): Straight basic, A-line. Skirts (Adult) : Basic single & double dart, A line, Paneled, Gored, Collars (Children) : Peter pan, Cape, Bishop, Sailors. Nightwear (children) : Pajama, Top. Collars (Adult) : Convertible, Non convertible, Flat roll, Partial roll, Full roll, Collars with deep open necklines Dart Manipulation : Slash and spared technique, Pivot transfer technique, Single dart series, Double dart series. Dart Manipulation: Curved, Parallel, Graduating, Radiating, Dart Equivalents Skirt : Introduction to fullness & skirt variations : Dirndl skirt, Gypsy skirt, Tiered skirt, Balloon Skirt. Introduction to Slash n spread technique & yoke with gathers

References:

1. Metric Pattern Cutting for children's wear, Winifred Aldrich
2. Patternmaking for Fashion Designers, Lori A. Knowles
3. Flat Pattern Design, Nora M. MacDonald
4. Dress Pattern Designing, Natalie Bray
5. Patternmaking for Fashion Design, Helen Joseph Armstrong

Course code - FTH3S2 Construction Techniques (P)

Credits: 6

Contact hours: 5 Total Hours: 90

Module I

Neck lines:-round and jewel, scoop, square and glass, 'V' shaped, straight and curved, scalloped, sweet heart, key hole, boat neck and asymmetrical.

Neck line finishes:-shaped facing, corded or piped neck line, bias facing-single layer binding, double layer binding, banded neckline and placket bands.

Module II

Armhole Finishes : Facing (single/double), Fused facing, Bias binding. Waistband : Fused, Elasticized

Module II

Collars:-how to assemble a collar, Types of collars-flat collar, rolled collar, stand collar, tie collar, turtle neck collar, shirt collar, peter-pan collar, one piece convertible collar and shawl collar.

Module III

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 and kimono sleeve.

Sleeve finishes:-self hem, faced hem, double binding and casing. Sleeve Bodice combinations
Torso foundation : Semi fitted, Fitted. Low -waisted & High waisted skirts.

Module IV

Cuff application;-basic shirt cuff, French cuff and continuous cuff.

Construction Techniques (Record)

Neck lines

Neck line finishes

Collars

Sleeves

Cuff

References:

1. Complete Guide to Sewing - Readers Digest
2. Complete Book of Sewing -D K
3. Singer Sewing Book -Gladys Cunningham
4. Sewing for the apparel industry – Claire Shaeffer, Prentice hall.
5. Garment technology for fashion designers - Gerry Cooklin, Book Link, USA.
6. High fashion sewing secrets from the worls’s best designer’s –Claire. B. Shaeffer, Rodale.

Course code - FTH3S3

Home Textiles (P)

Credits: 6

Contact hours: 5 Total Hours: 90

Module I

Table linen - Different types of fabrics used for table linen and their selection with reference to weave, colour, texture. Different sizes of table linen, Use and care of table linen

Module II

Bath linen - Different types of toweling materials, Manufacturing of terry towels, Sizes of the towels, Use and care of bath linen.

Kitchen towels and napkins- Different types of kitchen towels, Sizes of towels and napkins, Use and care of kitchen towels

Module III

Bed linen - Articles used in bed linen, Different sizes of bed linen, Selection & care of bed linen

Floor coverings - Origin & classification of rugs, Rugs and carpets, Different types of rugs & carpets available in the market, Use and care of floor coverings

Module IV

Curtain & draperies- Use & care of curtain and draperies. Methods of hanging curtains, Different between curtains & draperies, Types of curtains and valences

Home Textiles (Record)

1. Useful embroidery stitches for home textile craft
2. Cushion cover (2) Pillow cover (2) Bolster cover, with any decorative technique with needle & thread
3. 2 Table mats, 2 Table napkins, 2 Coasters or doilies
4. Rug with any suitable technique:
5. Textile swatch data album

References :

1. Wingate. (1976). Textiles & their selection. Eglewood Cliffs Prentice Hall.
2. The complete Book of Sewing & Fabric for the Home. (1983). London, Cavendish House.
3. Euying & care of towels & sheefs. (1973). Cannon Home Marketing.
4. Kamaladevi Chattopadhyay. (1976). Carpets & Floor Coverings of India. Mumbai, D. Taraporwala.
5. Binduben Daftary. (1984). Floor Coverings. Bombay, S V T College of HSc.
6. Arther Urban Dilley. (1959). OrientalRugs & Carpets.
- 7, Anna Hong, Rutt. (1961), Home Fumlishing. New Delhl, Wiley Eastern,
8. Davidson Myra. (1993). Pillows Cuftains and morc. Chilton Book Co.
9. Heather Luke. (1994). Lets Home Decoraton Sofi Fumishing, Charles Letts & Co. Ltd.

Course code - FTH3S4 Draping (P)

Credits: 2

Contact hours: 2

Total Hours: 36

Module I

Introduction to Draping – Terminology, Tools and Equipments, Pressing Equipments.

Module II

Preparation of Dummy and Muslin for draping. Basic bodice Front & Back, Basic skirt pattern Front & Back, Basic Sleeve Pattern

Module III

Draping the – hatter, prince bodice, waist line variation, boned bodice, cowl neck & variation, flared skirt, peg skirt, Skirts with yokes, bodice yoke, convertible collar, petter pan collar.

Reference:

Draping for Apparel Design - Helen Joseph Armstrong

Draping (Record)

Introduction to Draping – Terminology, Tools and Equipments, Pressing Equipments.
Draping- Basic bodice Front & Back, Basic skirt pattern Front & Back, Basic Sleeve Pattern
Draping the – hatter, prince bodice, waist line variation, boned bodice, cowl neck & variation, flared skirt, peg skirt, Skirts with yokes, bodice yoke, convertible collar, petter pan collar.

Reference:

Draping for Apparel Design - Helen Joseph Armstrong

SEMESTER IV

Course code - FTH4G1

Fundamentals of fashion marketing and merchandising

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

Introduction, Marketing concept – Marketing and Selling. Fashion Buyer, Fashion Merchandiser, Fashion Designer, Role of fashion buyer, Fashion buying season.

Module II

4 P's of marketing – Developing Marketing Strategy and Tactics. Product strategy, Pricing strategy. Distribution Policy, Promotion policy

Module III

Merchandising terminology and concepts, 4 “R”s of merchandising. The buyer’s Responsibilities: a) Responsibilities of the buyer b) Working with Vendors. Visual Merchandising.

Module IV

Organizing buying / selling activity. Fabric sourcing Method, Garment sourcing, Problem faced when sourcing

References:

1. Principles of Marketing - Philip Kotler
2. Relevant business & trade journals, magazines, and Govt. Publications
3. Fashion Buying & Merchandising - Packard, S., Winters, A. & Axelrod
4. The Business of Fashion - Burns, David L
5. Fashion: From Concept To Consumer - Frings, Gini S

Course code – FTH4G2
Computer Aided Pattern Making (Practical)

Credits: 6

Contact hours: 5 Total Hours: 90

Module I

Adobe Photoshop: Getting started with Adobe Photoshop, working with Adobe Photoshop to create Mood & Trend Presentation Boards, Creating textile patterns with Photoshop, Creating women's wear, kids wear & men's wear illustrations using pen tool, Creating invitation card, visiting cards and greeting cards.

Module II

Introduction to computerized pattern making and grading.

Pattern Preparation – The Basic Pattern Set. Basic Front Bodice, Basic Back Bodice, Basic Sleeve, Basic Front Skirt, Basic Back Skirt

Module III

Corel Draw – Creating mood board and colour board, Spec drawing. Colour rendering of garments

Module IV

Pattern Preparation – Garments : Bib, A-Line Frock, T-Shirt

Computer Aided Pattern Making (Record)

Adobe Photoshop- Creating women's wear, kids wear & men's wear illustrations using pen tool, Creating invitation card, visiting cards and greeting cards.

Corel Draw – Creating mood board and colour board, Spec drawing. Colour rendering of garments Pattern creating Garments: Bib, A-Line Frock, T-Shirt

References:

1. Computer-aided Pattern Design and Product Development, Alison Beazley and Terry Bond, Blackwell publishing Ltd. www.blackwellpublishing.com
2. The comparison of the Manual and CAD systems for pattern making grading and marker making processes, Ziyet Ondogan, Celin Erdogan, 35100, Bomova-lznar, Turkey.
3. Fundamental Photoshop 5.5, Adele Droblas, Greenberg & Seth, McGraw Hill
4. Adobe Photoshop 5.5 and Adobe Illustrator 8.0: Advanced classroom in a Book, Adobe Creative Team, Adobe press
5. Photoshop 6 color, Randy Morgan/Jim Rich, New Riders Publishing.
6. GOYMAR/Computer aided pattern Making- Gerber Technology.
7. Telestia Creator Pattern Grading CAD software.
8. Fashion CAD-Accurate pattern making software for perfect fitting garments.
9. TUKCAD, pattern making software for Fashion design.
10. <http://www.optitex.com/en/Pattern-Design-Software>

Course code - FTH4S1
Garment Construction (P)

Credits: 6

Contact hours: 5 Total Hours: 90

Module I

Salwar & Churidar, Kameez. Term Garments - Construction of Salwar suit, Construction of One piece garment, Pant, Shirt, Saree Blouse

References:

1. Dress Pattern Designing - Natalie Bray
2. Patternmaking for Fashion Design - Helen Joseph Armstrong
3. Garment Technology for Fashion Designers - Gerry Cooklin, Book Link, USA.

Course code - FTH4S2
Theatre Costume Designing (P)

Credits: 4

Contact hours: 4 Total Hours: 72

Module I

Introduction to evolution of theater costume with examples of Greek Theatre costume.

Module II

Study of selected theatre costumes around the world- Greek, Roman, India, Egyptian, Elizabethan Theatre, Halian Theatre, Chinese Theatre, 19th Century Theatre

Module III

Sketch and colour: Costume, Mask, Footwear's, Accessories and Jewelry of the following theatres. Greek, Egypt, Roman, China and 19th century. (One Each)

Module IV

The difference in theater costume from that of everyday costume/ Fashion costume. Study and preparation of any one variety of theatre costume based on Movie or book.

Theatre Costume Designing (Record)

Draw Greek, Roman, India, Egyptian, Elizabethan Theatre, Halian Theatre, Chinese Theatre, 19th Century Theatre Sketch and colour: Costume, Mask, Footwear's, Accessories and Jewelry of the following theatres. Greek, Egypt, Roman, China and 19th century. (One Each) preparation of any one variety of theatre costume based on Movie or book.

References:

1. The complete History of costume and Fashion: from ancient Egypt to the present Day, Bronowyn cosgrave, Facts on file.
2. Fashion in Film, Regine Engel Meier, Peter.W Barbara Einzing, Prestel publishing.

3. Stage costume: Step – By Step: The complete guide to designing and making stage.
4. Costumes for all major drama periods and Geness from Cl, Mary.T.Kidd, F&W Publications.

Course code - FTH4S3
Chemical Processing of Fabric and Apparel

Credits: 4

Contact hours: 4

Total Hours: 72

Module I

Preparatory process – Singing, Desizing, Scouring, Bleaching, Mercerization

Module II

Introduction to Dyeing - Classification of dyes, Dyeing machine. Determining colour fastness, Identification of dyeing defects and remedies.

Module III

Different Methods of Dyeing - Yarn Dyeing, Piece Dyeing

Module IV

Tie and Dye, Batik – History, Different Methods

Module V

Introduction to Printing, Difference in Dyeing and Printing, Styles and methods of printing. Different types of Printing – block printing, discharge printing, stencil printing, spray printing, khadi printing, screen printing and preparation of screen. Table screen printing, Automatic flat bed screen printing. Printing defects and remedies.

References:

1. Fiber to Fabric – Cobman
2. J.J. Pizzuto's Fabric Science - Arthur Price
3. Technology of Textile Printing - R.S.Prayag
4. Textile Science - J.T.Marsh
5. Chemistry of dyes and principles of dyeing - V.A.Shenai
6. Understanding Textiles - Phyllis Toratora
7. Batik - Eloise Piper
8. Tie Dyeing And Batik - Fay Anderson

SEMESTER V

Course code – FTH5G1 History of Western Costume

Credits: 4

Contact hours: 4

Total Hours: 72

Module I

Costumes, Head Dress & Hairstyle, Footwear and Accessories of:
Early Costumes – Pre Historic
Mesopotamian – Sumerian, Assyrian, Babylonian and Persian
Ancient Egypt

Module II

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

Module III

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

Module IV

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

Suggested Reading:-

Fashion in the western world – Doreen Yarwod – Trafalgar Square
History of Fashion – Kenneth – Black and Garland
Western World Costume – an outline history – Carolyn G Bradely – Dover Publications
A History of Fashion – Douglas Gorsline
Historic Costume – From ancient times to renaissance – Dover Publications
A Pictorial History of costume – Pepin Press

Course code - FTH5G2 Fashion Forecasting

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

Introduction - Meaning of Fashion, Meaning of Forecasting, The role of a forecaster, The precision of the forecast, The fashion industry's components, The structure of the fashion industry, The fashion timetable, Information Network, The selling strategy

Module II

Study of Consumer Behavior Fashion Forecasting Process. Forecasting of Colour. Forecasting of Fabric, Forecasting of Trend

Module III

Research Process in Forecasting - Primary sources, Secondary sources, Tertiary sources, Tracking sales, Competition, Demographics, Value & life style, Publication, Forecasting services, Plethora influences, Observation posts, The new technology, Fashion of involvement, New uses of products.

Module IV

Processes of Reporting - Process of implementation, Promotion, Making the fashion happen

References:

1. Fashion Forecasting - Evelyn L. Brannon
2. Fashion Forecasting - Rita Perna
3. Beyond Design Sandra Keiser & Myrna B. Garner

Course code - FTH5S1 PATTERN MAKING AND GRADING (P)

Credits: 4

Contact hours: 4

Total Hours: 72

Module I

Basic Block Construction

- (a) Adult's Basic Block
- (b) Adults Basic Sleeve
- (c) Torso block

Displacements of darts, Concealments of darts

Module II

Drafting of yokes, gathers and pleats for upper and lower garments

Drafting of collars (Shirt, Reversible, Shawl, Danton, Chinese)

Dress categories: The three basic dress foundation, Princess-line foundation, A- line princess, Panel dress Foundation, Empire Foundation, Tent Foundation, Over sized Dress.

Jacket & coat foundation.

Module III

Drafting of sleeves (Dolman, Raglan, Kimono, Magyar)

Hoods & capes : A- line cape foundation, Flared cape foundation, contoured, Hood foundation, loose hood foundation, The classic Empire: Empire with shirred midriff, Surplice or warp design, off-shoulder designs, Halter.

Module IV

History of Grading, sizing survey of the market (Anthropometrical Research),

Body analysis, grading terminology. Principles of Grading, Introduction to Nested & Track grade, Grading Applications, Basic Bodice Grading-Back & Front.

PATTERN MAKING AND GRADING (Record)

Adult's Basic Block

Adults Basic Sleeve

Torso block

Displacements of darts, Concealments of darts

Drafting of yokes, gathers and pleats for upper and lower garments

Drafting of collars (Shirt, Reversible, Shawl, Danton, Chinese)

Drafting of sleeves (Dolman, Raglan, Kimono, Magyar)

Hoods & capes : A- line cape foundation, Flared cape foundation, contoured, Hood foundation, loose hood foundation, The classic Empire: Empire with shirred midriff, Surplice or warp design, off-shoulder designs, Halter.

Principles of Grading, Introduction to Nested & Track grade, Grading Applications, Basic Bodice Grading-Back & Front.

References:

1. Aldrich, W. (1996). Fabric Form and flat pattern cutting. Oxford: Blackwell Science.
2. Armstrong, H. J. (1986). Pattern making for fashion designing. New York: Harper and Row
3. Braddock, S. F. (1998). Techno-textiles: revolutionary fabrics for fashion and design. London: Thames and Hudson
4. Bray, N. (1970). Dress fitting: The basic principles of cut and fit. (5th Ed.) London: Crosby Lockwood and sons
5. Bray, N. (1970). Dress pattern designing: the basic principles of cut and fit. (5th Ed.) London: Crosby Lockwood and sons
6. Bray, N. (1995). More dress pattern designing. (4th Ed.). Great Britain: Blackwell Science.
7. Cooklin, G. (1995). More patterns and grading for women's outside. Great Britain: Blackwell Science
8. Cooklin, G. (1992). Pattern grading for women's clothes: the technology of sizing. Oxford: S.P. Professional Books.
9. Goulbourn, M. (1971). Introducing pattern cutting: Grading and modeling. London: B. T. Batsford.
10. Jan, M. (1967). Coordinated pattern fit. Burgess Publishing
11. Littman, C. (1977). Pattern making design: Skirts and pants. New York: Delmar
12. Toledo, R. (1996). Style dictionary. New York Abbeville Press.
13. Grading for the fashion Industry – Patrick.J.Taylor & Martin Shobhen, Neson Thomas

Course code - FTH5S2
Construction of Soft Furnishing (P)

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

Introduction
History of Furnishing
Fabric used for furnishing
Surface embellishment of furnishing

Module II

Stitching of Place mats
Stitching of pocketed wall panel
Stitching of Picnic tote or table cloth

Module III

Construction of Apron (reversible apron i.e finishing using self faced technique) with patch pocket
Construction of Shoulder Bag or beach bag (any one)
Construction of Pillow case (Knife edge form or Rectangular box edge form) (any one)
Construction of Curtain – Draw draperies or ruffled glass curtain (any one)
Construction of Quilt for baby coat or Slip Cover for sofa or Throw for single coat (any one)

Related Experience:-

Students should submit all the articles at the time of external evaluation.

Suggested Reading:-

Complete guide to sewing – Reader’s Digest Association, Pleasantville, New York.
Simplicity Home Decorating Book: Step - By –Step Sewing Techniques and Easy -To -Make Soft
Furnishing – Simplicity Publisher – Enova Books, London
A Compendium Of Home Sewing – How to Make All Manner of Furnishings – Various – Spalding
Press

Construction of Soft Furnishing (Record)

Mat
Pocketet wall panel
table cloth
Apron
shoulderbag
pillow case
curtain
baby coat

**Course code - FTH5S3
Textile Design (P)**

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

Introduction – Different types of printing.

Floral Print development :- All over non directional, All over one directional, All over packed, All over set, All over tossed, All over two directional, Bamboo, Box layout, Brush stroke look, Buds, Calico, Leaves, Tailing floral and vines.

Module II

Geometric Print development:- Abstract, Arabesque, Basket weave, Blocks and Cubes, Borders, Brush stroke look, Bull's eye, Check board, Chevron and Herringbone, Circles and Dots, Coffee beans , Screw tops, Comas, Confetti, Crescents, Eccentric, Fleur-De-Lis, Fret work, Hounds tooth, Optical

Module III

Plaids and checks, Stripes

Conversational Prints: - Animals and Animal skins, Bows and Ribbons, Butterflies, Camouflage

Module IV

Ethnic Print: - African, Egyptian, Paisley

Module V

Art Movements and period styles: - Art Deco, Art Nouveau, Graffiti, Psychedelic, Punk

Related Experience:-

Students should maintain a record of developed prints and also swatch collections.

Suggested Readings:-

Textile Designs – Susan Meller Joost Elffers – Thames & Hudson, UK

Textile Design The complete guide to printed textiles for apparel and home furnishings – Carol Joyce-Watson Guptill.

Textile Design (record)

Different type of prints

Floral

Geometrical

Checks, strip

Conversational print

Ethnic print

Art movement and period styles

Course code - FTH5S4
Clothing Care

Credits: 4

Contact hours: 4

Total Hours: 72

Module I

Clothing Care – Water : Types of soft and hard water, Purification of water
Soap : Types, Manufacturing, Properties. Detergent: Types and Properties.

Module II

Laundering – Objects, Methods, Laundering of white, coloured, cotton, silk, wool, synthetic fabrics, Lace materials, carpets.

Clothing storing – Mending, darning, seasonal care

Module III

Dry cleaning – Chemical used, Sequence method, Commercial dry cleaning.

Washing machines – Types, Working principles

Module IV

Ironing and pressing – Hot air, Steam, Permanent Pressing, Thumble drier hydro extractor.

Module V

Stain – Classification, removal of known and unknown stains, Rules in removing fresh and old stain. Stain removers- Greece Solvents, Absorbents, Washing soda, Borax.

Care labels – importance, Symbols, Use.

References :

1. Fabric Care – Noemia D'souza
2. Fundamental of Textiles and wear care- Susheela D
3. House hold textiles and laundry work – Durga D
4. Textile fibre to fabric – Bernard P, Corbman

SEMESTER VI

Course code - FTH6G1
Textile & Garment Quality Analysis Assurance

Credits: 6

Contact hours: 5

Total Hours: 90

Module I

Introduction -What is quality? Why quality is important?

Inspection - Raw material inspection, In process inspection, Final inspection, How much to inspect, Definitions of fabric defects, British standards of interest to garment manufacturers. ISO standards of interests to garment manufacturers.

Module II

Textile Testing & Product Evaluation

Module III

Precision & Accuracy of Test Methods -Atmospheric conditions for testing, Strength properties of apparel, Fabric stretch properties, Dimensional changes in apparel due to laundering, dry-cleaning, steaming & pressing. Needle cutting / yarn severance, Sew-ability of fabrics, Bow and skewness (Bias) in woven and knitted fabrics, Soil and stain release testing, Fabric thickness, Color fastness, Testing of fusible interlinings, -Testing of zippers, Elastic waistband testing.

Module IV

Care labeling of apparel and textiles, Objective evaluation of fabric hand, Quality cost

References:

1. Managing quality in the apparel industry - Pradip V Mehta, Satish K. Bharadwaj
2. Quality Assurance for textiles and apparel -Sara J.Kadolph

Course code - FTH6G2
Advanced Fashion Illustration (P)

Credits: 6

Contact hours: 5

Total Hours: 72

Module I

Introduction to male figure, men's casual /formal wear, both for the export as well as domestic market.

Module II

Development of kid's figure, kid's play wear/school uniforms. Introduction to flat sketches

Module III

Women's wear designs (Formal, Casual & Ethnic with special emphasis on innovative surface ornamentation techniques.

Module IV

Stylised figures- Baby Doll look, Hippy look, Leather look, Pleasant look, Flash Dance look, New look

Module V

Using an inspiration to conceptualize & design a collection. Collections (line garments)

Advanced Fashion Illustration (Record)

Draw male figure, men's casual /formal wear.

Development of kid's figure, kid's play wear/school uniforms.

Women's wear designs (Formal, Casual & Ethnic with special emphasis on innovative surface ornamentation techniques.

Stylised figures- Baby Doll look, Hippy look, Leather look, Pleasant look, Flash Dance look, New look

References:

1. Abling, Bina-Fashion Rendering with color
2. Abling, Bina-Fashion Sketch Book-Third Edition.
3. Fashion Design –Process, innovation & practice, Kathryn Mckelvey & Janine Munslow. Black well Publishing

**Course code - FTH6G3
Accessory Design (P)**

Credits: 2

Contact hours: 2

Total Hours: 36

Module I

Design inspirations –jewelry, Research - Understanding the basic tool kit. Handling of different

Materials - Work with paper, fabrics, dried stuff, wood, glass,string, beads etc.

Module II

Working with metals, Working with wire, Drawing, bending, cutting, spirals, forging, jump rings, chains, twisting

Module III

Textures and surface finishes done in jewelry making

Reference :

Jewelry Making - Emma Gale And Ann Little

Accessory Design (Record)

Jewelry making- traditional, ethnic, contemporary, fussion, material exploration.

Any 5 different types of accessory. (Bag, hat etc...)

INFRASTRUCTURE REQUIREMENT FOR THE PROGRAMME

1. The Fashion Art Room with drawing table per student.
2. Theory Class rooms with Audio Visual aids like OHP/LCD/TV/DVD etc.
3. The Garment Construction Lab with
 - One Industrial single needle lock stitch machine per student.
 - Vacuum Suction ironing table and steam iron.
 - Industrial Five- Thread Over lock M/c.
 - Button Holing M/c.
4. The Pattern Making Lab with
 - One Dress form per student with size UK-12.
 - One Leg- form, men's form-2, kids form-2, dress form UK10-1& dress form Uk14-1
 - One Cork Topped Pattern making table per student.
5. Well- equipped Library & resource center with regular subscription of Indian & International fashion magazines.
6. Advanced Textile Designing software.
7. Advanced Pattern Making and Grading software.
8. Light Tables.
9. Dyeing/Printing Lab.