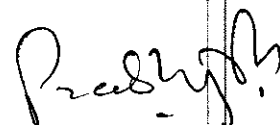


Punjab Technical University Kapurthala

Scheme and Syllabus of Bachelors in Sciences Fashion Technology (B.Sc. F.T.)

Batch 2012

**By
Board of Studies Fashion Technology**



Ordinance

B.Sc. Fashion Technology is a 03 years Non-AICTE Course. Each year consists of 02 semesters. The course of study of B.Sc. Fashion Technology is divided into 06 semesters and the university examination will be held at the end of every semester in the months of November/ December (for semester I, III, V) and April/ May (for semester II, IV, VI) or as decided by the competent authority.

Admission in the course B.Sc. Fashion Technology shall be open to a student who has:

- passed at least +2 examination in any stream (Arts/ Commerce/ Science etc.) from Punjab School Education Board or any other examination recognized organization as equivalent thereto with at least 33% marks in the aggregate
- or passed one year Diploma (after 10+2) in Fashion Technology/ Fashion Designing or equivalent stream from a recognized board / University
- or 03 years diploma (after 10th) in any Diploma stream from a recognized board / University.

A candidate must complete and pass the whole course of three years within a maximum of six years from the date of admission in B.Sc. F.T. first semester. Semester examinations will be open to regular candidates who have been on the rolls of a college affiliated to this University and meet the attendance and other requirements as prescribed in the ordinances of the course. Subject to fulfilment of requirement of House examinations, the attendance requirements etc. the students will be allowed to sit in the semester examinations.

Internal Assessment will be of 40 marks in each paper, which will be calculated as follows:

- Three House examinations - 16 marks (Best of the two will be considered)
- Two assignments - 16 marks
- Attendance - 8 marks
(Up to 74.5% attendance 0 marks)
74.6% - 75.4%: 3 marks
75.5% - 84.5% 6 marks
Above 84.5% 8 marks

Attendance Requirements

Every candidate will be required to attend a minimum of 75% lectures delivered to that class in each paper as well as 75% of the laboratory work, seminars etc, separately provided that a deficiency in attendances may be condoned for special reasons, as per the relevant ordinances on the subject.

To be eligible to appear in the semester examination a candidate must have obtained in the house examination at least 25% marks in each paper; 33% marks in the aggregate of all subjects of the semester. The Principal at his discretion may allow a special test to a candidate who could not appear in the House examination owing to unavoidable reasons or fails to secure the minimum marks as prescribed above.

Applications for admission to the examination shall be made on the prescribed form attested by the competent authority as per University rules.

Amount of examination fee to be paid by a candidate for each semester shall be as fixed by the University from time to time.

University medal will be awarded to a candidate who secures first position in the University on the basis of the marks of all the six semesters taken together. The general rules and conditions of the University for the award of medal/prizes etc. will be applicable in the award of University medal to the topper of this examination.

All the question papers will be set in English and candidates are expected to answer the questions only in English.

The successful candidate shall be classified on the basis of aggregate marks secured in all the six semesters B.Com Professional taken together as under:

- a) 75% or more with distinction.
- b) 60% or more in the first division.
- c) 50% or more but less than 60% in the second division.
- d) Below 50% in the third division.

First Semester

Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BSFT-101	Elements of Fashion	3	-		40	60	100	3
BSFT-102	Communication and Soft Skills	3	-		40	60	100	3
BSFT-103	Introduction to Textiles –I	3	-	-	40	60	100	3
BSFT-104	Elements and Principles of Design –I Lab	-	-	4	30	20	50	2
BSFT-105	Pattern Making –I Lab	-	-	4	30	20	50	2
BSFT-106	Fundamentals of Computers Lab	-	-	4	30	20	50	2
BSFT-107	Garment Construction –I Lab	-	-	4	30	20	50	2
BSFT-108	Basic Sketching –I Lab	-	-	4	30	20	50	2
Total		09	-	20	270	280	550	19

Second Semester

Contact Hours: 28Hr

Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BSFT-201	Introduction to Textiles –II	3	-	-	40	60	100	3
HVPE-101	Human Values and Professional Ethics	3	-	-	40	60	100	3
BSFT-202	Elements and Principles of Design –II Lab	-	-	4	30	20	50	2
BSFT-203	Basic Sketching –II Lab	-	-	4	30	20	50	2
BSFT-204	Garment Construction –II Lab	-	-	4	30	20	50	2
BSFT-205	Computer Applications Lab	-	-	4	30	20	50	2
BTHU-102	Communication and Soft Skills Lab	-	-	2	30	20	50	1
BSFT-207	Pattern Making –II Lab	-	-	4	30	20	50	2
Total		06	-	22	260	240	500	17

Third Semester

Contact Hours: 29 Hrs.

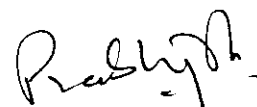
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BSFT-301	History of India Costumes	3	-	-	40	60	100	3
BSFT-302	Textile Dyeing and Printing	3	-	-	40	60	100	3
BSFT-303	Traditional Indian Textiles	3	-	-	40	60	100	3
BSFT-304	Fashion Sketching –I Lab	-	-	4	30	20	50	2
BSFT-305	Traditional Indian Embroideries Lab	-	-	4	30	20	50	2
BSFT-306	Garment Construction –III Lab	-	-	4	30	20	50	2
BSFT-307	Advanced Computers Lab	-	-	4	30	20	50	2
BSFT-308	Pattern Making and Draping Lab	-	-	4	30	20	50	2
Total		09	-	20	270	280	550	19

Fourth Semester

Contact Hours: 30 Hrs.

Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BSFT-401	Fashion Studies	3	-	-	40	60	100	3
BSFT-402	History of World Costumes	3	-	-	40	60	100	3
BSFT-403	Fashion Sketching –II Lab	-	-	4	30	20	50	2
BSFT-404	Textile Dyeing and Printing Lab	-	-	4	30	20	50	2
BSFT-405	Design Process Lab	-	-	4	30	20	50	2
BSFT-406	Computer Aided Designing Lab	-	-	4	30	20	50	2
BSFT-407	Garment Construction –IV Lab	-	-	4	30	20	50	2
BSFT-408	Pattern Making and Grading Lab	-	-	4	30	20	50	2
Total		06	-	24	260	240	500	18

There is a 06 weeks Industrial Internship after fourth Semester which will be evaluated in the 5th Semester on the basis of the report as well as on the basis of the Presentation of the work done.



Fifth Semester

Contact Hours: 28 Hours

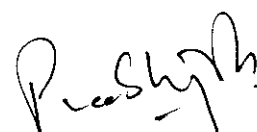
Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BSFT-501	Art Appreciation	3	-	-	40	60	100	3
BSFT-502*	Industry Internship		2	-	40	60	100	2
BSFT-503	Principles of Fashion Marketing	3	-	-	40	60	100	3
BSFT-504	Innovative Fabric Development	-	-	4	30	20	100	2
BSFT-505	Advanced Computer Software Packages –I	-	-	4	30	20	100	2
BSFT-506	Garment Construction –V	-	-	4	30	20	100	2
BSFT-507	Advanced Pattern Making	-	-	4	30	20	100	2
BSFT-508	Fashion Art	-	-	4	30	20	100	2
Total		06	2	20	270	280	550	18

Note: *It will be evaluated externally through PowerPoint presentation out of 60 Marks and internally through a project report prepared on the basis of 06 weeks training that will be done after 4th semester out of 40 Marks. The report will be prepared with the help of the faculty during the tutorial classes.

Sixth Semester

Contact Hours: 25 Hours.

Course Code	Course Title	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
BSFT-601	Knitting Technology	3	-	-	40	60	100	3
BSFT-602	Production Management & Quality Control	3	-	-	40	60	100	3
BSFT-603	Production Promotion and Development	3	-	-	40	60	100	3
BSFT-604	Introduction to Fashion Merchandising	3	-	-	40	60	100	3
BSFT-605	Entrepreneurship	3	-	-	40	60	100	3
BSFT-606	Portfolio	-	2	-	40	60	100	2
BSFT-607	Advanced Computer Software Packages –II	-	-	4	30	20	50	2
BSFT-608*	Design Project.	-	-	4	30	20	50	2
Total		15	2	8	300	400	700	21



First Semester

BSFT 101 Elements of Fashion

- Definition of "Fashion".
- Fashion cycle-concept of haute couture and street fashion.
- Introduction and understanding the meaning of "Silhouette".
- Importance of Fashion forecasting – concept of seasons, fairs and international markets.
- Knowledge and study of great International designers.
- Study of national and international designers.
- Color – color wheel, dimensions of color, color naming and psychological association of colors.
- Fabric, texture and line (relating them to principles of design) Interplay of elements of design (relating it to anthropometrics)

BSFT 102 Communication & Soft Skills

- Basic parts of speech: Noun, pronoun, verb, adjective, adverb, preposition, article, idioms, one word substitution. Tenses: introduction, uses of present, past and future tense, Use of prepositions conjunctions and interjections. Use of punctuations.
- Sentences: simple compound and complex formation, transformation of sentence: active and passive, affirmative and negative interrogative and assertive, degree of comparison, conversation; Direct and indirect speech. Correct word usage – Homonyms, antonyms and synonyms.

BSFT103 Introduction to Textiles –I

- Fiber Properties
- Fiber Classification
- Different methods of fiber identification-physical examination, burning test, chemical test.
- Flow chart from fiber to fabric.
- Properties of natural fibers (vegetable and animal) i.e., cotton, flax, wool, silk, jute.
- Properties of Synthetic fibers i.e., Polyester, nylon, acrylic, rayon, spandex.
- Latest fibers
- Definition of yarn
- Yarn count, yarn twist

Suggested Readings / Books:

- Introduction to Textiles by KVP Singh Kalyani Publishers
 - Textiles-Fiber to Fabric by Bernard P. Corbman McGraw Hill
-

P. Singh

BSFT 104 Elements and Principles of Design –I Lab

- Colour wheel –primary, secondary and tertiary colour scheme.
- Principles of design-harmony, emphasis, proportion, balance and rhythm and it's importance in designing.
- Elements of basic design – Line, Form, Composition, colour ,texture etc
- Theory of Colour - warm, cool, hot, cold, light, dark pale and bright.
- Basic colour schemes – analogues, complimentary, monochromatic, neutral etc.
- Study of Positive and Negative - Grey scale.
- Colour interaction
- Colour composition
- 3-D forms

BSFT -105 PATTERN MAKING-I Lab

- Method of taking measurements
- Basic principles of flat pattern making
- Drafting of adult bodice block
- Drafting of basic Skirt Block
- Developing patterns for the following
 - **Basic Sleeve Block and sleeve variations:** Puff sleeves – with gathers at the sleeve cap and round arm, gathers only at the sleeve cap and gathers at the round arm; Bishop, Shirt, petal, flared, Leg 'O' mutton, tulip, lantern, Cap
 - **Collars and its variations :-** Flat and rolled collars ,Peter Pan, Cape, Sailors, Puritan, Berhta, Stand and fall, Mandarin, shawl.

BSFT-106 Fundamentals of Computers Lab

- **Computer Fundamentals:** Data, Instruction and Information, Characteristics of Computers, Various fields of application of Computers, Input-output Devices (Hardware, Software, Human ware and Firmware),Advantages and Limitations of Computer, Block Diagram of Computer, Function of Different Units of Computer, Classification of Computers. **Data Representation:** Different Number System (Decimal, Binary, Octal and hexadecimal) and their Inter Conversion.
- Compiler and Interpreter, Generations of languages, Low and High Level Languages. **Computer Memory:** Primary Memory & Secondary memory. Storage Media. **Introduction to Windows Operating System:** All Directory Manipulation: Creating Directory, Sub Directory, Renaming, Coping and Deleting the Directory File Manipulation: Creating a File, Deleting, Coping, Renaming a File Using accessories such as calculator, paint brush, CD player, etc.
- **Introduction to MS-Word:** Introduction to Word Processing, it's Features, Formatting Documents, Paragraph Formatting, Indents, Page Formatting, Header and Footer, Bullets and Numbering, Tabs, Tables, Formatting the Tables, Finding

and Replacing Text, Mail Merging etc. **Introduction to MS Powerpoint:**
PowerPoint, Features of MS PowerPoint Clipping, Slide Animation, Slide Shows, Formatting etc.

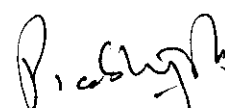
- **Introduction to MS-Excel:** Introduction to Electronic Spreadsheets, Feature of MS-Excel, Entering Data, Entering Series, Editing Data, Cell Referencing, ranges, Formulae, Functions, Auto Sum, Copying Formula, Formatting Data, Creating Charts, Creating Database, Sorting Data, Filtering etc.

BSFT- 107 GARMENT CONSTRUCTIONS- I Lab

- Tools and equipments used in garment/clothing construction.
- Sewing machine: parts, working and maintenance of sewing machine, its threading, bobbin winding. Introduction to sewing thread, needles and their relationship with the fabric. Common problems of sewing and its remedies
- Fabric preparation and basic rules for cutting of fabric.
- Definition and understanding of hand stitching techniques:
 - Running
 - Basting: uneven/even/diagonal
 - Hemming – Plain, blind, slip.
 - Backstitch, tailor's tack, button hole, overcasting.
- Seams and seam finishes :Definition, their usage and types: Plain, flat fell, lap, french, piped, corded ,Eased, taped, bound, serged (overlocked)
- Fullness techniques/shaping devices: dart, tucks, pleats, gathers, ruffles, shirring, smocking
- Application of buttons and buttonholes, hooks and eyes, snap fasteners
- Application of lace and binding.

BSFT 108 BASIC SKETCHING –I Lab

- Using and focusing on learning the use of line to capture basic shapes.
- Scribble drawing of objects.
- Simple structural drawing of objects. Circles, cylinders and rectangular solids.
- Introduction to perspective drawing.
- Introduction to still life
- Nature/Trees/Landscape study.
- Textures in pencil rendering and shading.
- Using only black and white media.



Second semester

BSFT-201

Introduction to textiles II Semester 2

Internal Marks...40

External Marks...60

Duration Of Exam 3.hours

Course Objective:

The objective of the course is to introduce the students to the fundamentals of yarns and fabrics, so that they can understand the raw material they will be eventually using.

Topics:

1. Ring spinning process
2. Introduction to other non conventional spinning processes
3. Spinning defects
4. Yarn classification on the basis of twist and construction
5. Sewing Thread
6. Fancy Yarns
7. Preparatory processes of weaving
8. Weaving motions
9. Basic weaves- Plain, Twill and satin
10. Weaving defects
11. Calculation of gsm and loom production
12. Non woven fabrics-Introduction

Visits- One visit to a spinning and weaving unit

Books

1. Textiles-Fiber to Fabric By Bernard Corbman, Mc Graw Hill
2. Textiles – Sara Kadolph, Prentice Hall

Instructions to the examiner:

- There will be eight questions spread over the entire syllabus .
- Six questions will be compulsory.
- Each question will carry 10 marks.

Prashant

HVPE 101 Human Values & Professional Ethics Objective/s and Expected outcome:

To help the students to discriminate between valuable and superficial in the life. To help develop the critical ability to distinguish between essence and form, or between what is of value and what is superficial, in life - this ability is to be developed not for a narrow area or field of study, but for everyday situations in life, covering the widest possible canvas. To help students develop sensitivity and awareness; leading to commitment and courage to act on their own belief. It is not sufficient to develop the discrimination ability, it is important to act on such discrimination in a given situation. Knowingly or unknowingly, our education system has focused on the skill aspects (learning and doing) - it concentrates on providing to its students the skills to do things. In other words, it concentrates on providing "How to do" things. The aspects of understanding "What to do" or "Why something should be done" is assumed. No significant cogent material on understanding is included as a part of the curriculum. A result of this is the production of graduates who tend to join into a blind race for wealth, position and jobs. Often it leads to misuse of the skills; and confusion and wealth that breeds chaos in family, problems in society, and imbalance in nature. This course is an effort to fulfill our responsibility to provide our students this significant input about understanding. This course encourages students to discover what they consider valuable. Accordingly, they should be able to discriminate between valuable and the superficial in real situations in their life. It has been experimented at IIITH, IITK and UPTU on a large scale with significant results.

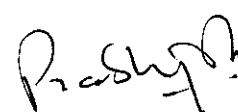
PART A

1. Course Introduction - Need, Basic Guidelines, Content and Process for Value Education

- Understanding the need, basic guidelines, content and process for Value Education.
- Self Exploration—what is it?- its content and process; „Natural Acceptance“ and Experiential Validation- as the mechanism for self exploration.
- Continuous Happiness and Prosperity- A look at basic Human Aspirations
- Right understanding, Relationship and Physical Facilities- the basic requirements for fulfillment of aspirations of every human being with their correct priority
- Understanding Happiness and Prosperity correctly- A critical appraisal of the current scenario
- Method to fulfill the above human aspirations: understanding and living in **harmony** at various levels (6 Hrs.)

2. Understanding Harmony in the Human Being - Harmony in Myself!

- Understanding human being as a co-existence of the sentient „I“ and the material „Body“
- Understanding the needs of Self („I“) and „Body“ - *Sukh* and *Suvidha*
- Understanding the Body as an instrument of „I“ (I being the doer, seer and enjoyer)



- Understanding the characteristics and activities of „I“ and harmony in „I“
- Understanding the harmony of I with the Body: *Sanyam* and *Swasthya*; correct appraisal of Physical needs, meaning of Prosperity in detail
- Programs to ensure *Sanyam* and *Swasthya* (6 Hrs.)

3. Understanding Harmony in the Family and Society- Harmony in Human-Human Relationship

- Understanding harmony in the Family- the basic unit of human interaction.
- Understanding values in human-human relationship; meaning of *Nyaya* and program for its fulfillment to ensure *Ubhay-tripti*; Trust (*Vishwas*) and Respect (*Samman*) as the foundational values of relationship.
- Understanding the meaning of *Vishwas*; Difference between intention and competence
- Understanding the meaning of *Samman*, Difference between respect and differentiation; the other salient values in relationship
- Understanding the harmony in the society (society being an extension of family): *Samadhan*, *Samridhi*, *Abhay*, *Sah-astitva* as comprehensive Human Goals
- Visualizing a universal harmonious order in society- Undivided Society (*Akhand Samaj*), Universal Order (*Sarvabhaum Vyawastha*)- from family to world family! (6 Hrs.)

PART B

4. Understanding Harmony in the Nature and Existence - Whole existence as Co-existence

- Understanding the harmony in the Nature
- Interconnectedness and mutual fulfillment among the four orders of nature- recyclability and self-regulation in nature
- Understanding Existence as Co-existence (*Sah-astitva*) of mutually interacting units in all-pervasive space
- Holistic perception of harmony at all levels of existence (4 Hrs.)

5. Implications of the above Holistic Understanding of Harmony on Professional Ethics

- Natural acceptance of human values

Prashant

- Definitiveness of Ethical Human Conduct
- Basis for Humanistic Education, Humanistic Constitution and Humanistic Universal Order
- Competence in professional ethics:
 - Ability to utilize the professional competence for augmenting universal human order
 - Ability to identify the scope and characteristics of people-friendly and eco-friendly production systems
 - Ability to identify and develop appropriate technologies and management patterns for above production systems.
- Case studies of typical holistic technologies, management models and production systems
- Strategy for transition from the present state to Universal Human Order:
 - At the level of individual: as socially and ecologically responsible engineers, technologists and managers
 - At the level of society: as mutually enriching institutions and organizations (6 Hrs.)

Recommended Books:

1. R R Gaur, R Sangal, G P Bagaria, 2009, *A Foundation Course in Value Education*.

Suggested Readings / Books:

1. Ivan Illich, 1974, *Energy & Equity*, The Trinity Press, Worcester, and HarperCollins, USA
2. E.F. Schumacher, 1973, *Small is Beautiful: a study of economics as if people mattered*, Blond & Briggs, Britain.
3. A Nagraj, 1998, *Jeevan Vidya ek Parichay*, Divya Path Sansthan, Amarkantak.
4. Sussan George, 1976, *How the Other Half Dies*, Penguin Press. Reprinted 1986, 1991
5. PL Dhar, RR Gaur, 1990, *Science and Humanism*, Commonwealth Purblishers.
6. A.N. Tripathy, 2003, *Human Values*, New Age International Publishers
7. Subhas Palekar, 2000, *How to practice Natural Farming*, Pracheen(Vaidik) Krishi Tantra Shodh, Amravati.
8. Donella H. Meadows, Dennis L. Meadows, Jorgen Randers, William W. Behrens III, 1972, *Limits to Growth – Club of Rome’s report*, Universe Books.
9. E G Seebauer & Robert L. Berry, 2000, *Fundamentals of Ethics for Scientists & Engineers*, Oxford University Press
10. M Govindrajran, S Natrajan & V.S. Senthil Kumar, *Engineering Ethics (including Human Values)*, Eastern Economy Edition, Prentice Hall of India Ltd
11. B P Banerjee, 2005, *Foundations of Ethics and Management*, Excel Books.
12. B L Bajpai, 2004, *Indian Ethos and Modern Management*, New Royal Book Co., Lucknow. Reprinted 2008.

Rashmi

BSFT-202

Elements and Principles of Design Semester 2

Internal Marks...30

External Marks...20

Duration Of Exam.... 3 hours

Course Objective:

The main objective of this subject is to make the students understand the basic elements & principles of Design involved in any exercise or assignment undertaken during the course. This is the very basis of the core specialization that they will ultimately learn through the semesters. This will also be the foundation for all the creative design work done through learning a proper Design Process.

- Understanding "Theme" & "Concept"
- Understanding "Inspiration"
- Making this "Theme" & "Concept" as the basis of the final Design (garment)
- Practicing & learning to make the the colour palette deriving elements from the Inspiration
- Rendering and imitation of fabric swatches in different mix media
- Documentations & Presentations

Rashmi

BSFT-203

BASIC SKETCHING Semester 2

Internal Marks...30

External Marks...20

Duration Of Exam....3 hours

Course Objective:

The objective of the course is to increase the proficiency in drawing skills and to inculcate creative ability in the application of these acquired skills to translate as ideas for design. Also, to make the students understand the applications of different mediums to draw an\colour and render such as pencils, colour pencils, watercolours ,crayons etc.

- Introduction to various mediums such as charcoal, pen and ink, oil pastel, color pencils, watercolor etc.
- Advanced perspective exercises.
- Introduction to three dimensional light and shade.
- Introduction to colour drawing and sketching.
- Still life drawing with fruits, vegetables, flowers boxes, books, drapery ,bottles ,vase etc.
- Nature study in colour.
- rendering observed objects and spaces accurately
- using shading intricately
- depicting correct proportions on faces and figures.

Prashant

BSFT204 GARMENT CONSTRUCTION – II (Semester-2)

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Objectives:

To learn the stitching of components of garment.

Contents:

- Necklines-construction and finishing of different types by using facing, interfacing, binding and piping-round, square, sweet heart, key hole.
- Collars-basic terminology and construction of different types of collars: flat, rolled collars (one piece, two pieces), mandarin, shirt, shawl and sailor.
- Sleeves-types and finishes: set-in (plain, puff, leg-o-mutton, bishop, petal), raglan, kimono, dolman, kurta sleeve with gusset. Sleeve finishes: hemming, shaped and bias facing, drawstring, cuff-with and without placket.
- Placket-one side extended, both side extended, concealed.
- Pocket- construction and application-patch(with and without flap),inseam, welt.
- Fasteners :application of zippers: centered, lapped, concealed, open-ended.

Prabhu

BSFT-205

COMPUTER GRAPHICS PRACTICAL-SEM-II--(theory and practical)

Internal-20

External-30

Course objective- To develop computer proficiency by understanding the basics of computer.
To use the skill and knowledge of computers in the various fields.

1. Word processing programmes (MS Word)
 - a) Entering & editing text, copying , cutting, pasting
 - b) Formatting text, character formats, paragraph formats and documents formats
 - c) Special features of word processing software language tools-(spell checker grammar checker, thesaurus). Tables, mail merge, adding graphics & sounds,
File: save as web page, search options, viewing page properties, customizing page setups, margins, and paper layouts.
Edit: using go to go to page, footnotes, and end notes
View: header, footer, zoom, print layout, toolbars, creating a customer toolbar.
Insert: symbols, comments, pictures, bookmarks, hyperlinks, files
Format: background, themes, auto format, bullets & numbering, border & shading tab settings
Tools: language, word count, thesaurus, passwords protecting file, auto correct, options settings overview, using mail merge wizards & letters wizards
Table: drawing, inserting, deleting, sorting a table, merge cells, split cells, auto files
Window: split, arrange, switching between documents
Help: about micro soft word.
2. Spreadsheet Software
 - a. Spreadsheet programmes and their users
 - b. The spreadsheet's interface
 - c. Entering data in a worksheet, labels, values, dates, formulas
 - d. Editing and formatting a worksheet
 - e. Adding charts and images to a worksheet
3. Presentation graphics
 - a) Formatting slides
 - b) Creating slid show
4. Presentation graphics practical:
File: page setup, slide sizes & orientation, handouts, outlines
5. Introduction to Corel Draw software.

Prashant

BTHU 102 Communication Skills Laboratory

Lab Exercises

Listening and Speaking

The audio CD accompanying S.P. Dhanavel's book shall be played in the lab to get the students familiar with the standard spoken English. The students must develop a high degree of understanding of spoken material as used in academic and professional environment. The teacher shall help them in the following:

- a) With the accent of the speaker if it is unfamiliar to them.
- b) The Standard English sounds and pronunciation of words.
- c) With the topical vocabulary and the idiomatic expressions which are generally part of colloquial speech.
- d) With the implied relationships in larger texts, if they are not stated explicitly.

In addition to the above, extended listening sessions shall be arranged to promote speaking activities among students. For this purpose, a set of twin books *K. Sadanand and S. Punitha Spoken English Part I and II, A Foundation Course (with audio CD)*, Orient Blackswan, is prescribed for use. The teachers shall play the CDs selectively in the lab and involve the students in the practice work based on them. While taking up lessons, the teacher must promote the use of dictionaries for correct pronunciation and give ample practice on word stress and weak forms.

The students are also supposed to supplement their listening practice by regularly viewing news/knowledge channels on the TV or lecture videos on the internet.

At the end of a session, a good speaker must:

- a) Be able to produce long turns without much hesitation in an accent that is understood all around.
- b) Have ready access to a large lexis and conventional expressions to speak fluently on a variety of topics.
- c) Have a knack for structured conversation or talk to make his transitions clear and natural to his listeners.

The teacher may use following different classroom techniques to give practice and monitor the progress of the students:

- Role play
- Question-answer
- Discussion
- Presentation of papers
- Seminars



Rashid

BSFT207 PATTERN MAKING –II (Semester 2)

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Objectives:

To develop skill in the area pattern making with special emphasis on basics of garments design

Contents:

- Dart manipulation: slash & spread method, Pivot method.
- Dart shifting :Shift dart into another area-Two darts into one, two darts into two, multiple darts, darts into gathers, tucks, flare, pleats, yokes and princess line.
- Skirt variations: A-line, gathered, pleated, flared, paneled, gored, yoked, circular, flounce, tiered.

Prashant

BSFT-301

History of Indian Costumes(Semester 3)

Internal Marks...40

External Marks...60

Duration of Exam...3hours

Theory 3 Hrs

Objectives:

Making students appreciate and learn about the historic garments from various eras of India.

The students will learn about the rich culture and traditional importance , origin and utility of these historic garments and costumes.

1. Introduction : Factors affecting clothing habits and preferences.
2. History of Indian costumes : Origin of clothing
3. Study of regional costumes and lifestyles of India.
4. Indus Valley civilization.
5. Vedic period (1200 BC to 600 BC)
6. Post – Vedic period (600 BC- 323 BC)
7. Mauryan & Sunga period (321 BC-72 BC)
 - Mauryan (321-185 BC)
 - Sunga (185-72 BC)
8. Satavhana Andhra period (200 BC-250 AD)
 - Early period (200 BC-160 BC)
 - Late period (100 BC-250 AD)
9. Kushan period (130 BC-185 AD)
10. Gupta period (4th CentryAD-Middle 8th Century)
11. Natya Shastra –Performing Arts.
12. Mughal Period
13. British Period
14. Pre and Post –independence era
15. Contemporary costumes

Prashant

BSFT 302 Textile Dyeing and Printing (Semester 3)

Internal Marks 40

External Marks 60

Duration of Exam 3 hours

Theory: 3 Hrs

Course Objectives:

To enable the students to understand fibre structures, classes of dyes and the process of finishing with colour.


The examiner must set questions covering the entire syllabus.

Internal choice may be given.

- Understanding the terms: Molecules, Monomers, Polymers, Polymerization, Intrapolymer Bonding, Forces of Attraction between Molecules, the Water Molecule and Textile Fibers, Hydrophilic and Hydrophobic Polymers.
- Definition of: Dyes and Pigments, Dyeing and Printing, Scales of Dyeing, Colour Values, Colour Fastness and Grey Scales.
- Classification of Dyes: Acid Dyes, Basic Dyes, Azoic Dyes, Direct Dyes, Reactive Dyes, Disperse Dyes, Vat Dyes.
- Stages of Dyeing: Fiber dyeing, Yarn dyeing, Package dyeing, Piece dyeing, Cross dyeing, Union dyeing, Jet dyeing, Product dyeing.
- Printing: Direct, Resist, Discharge, Mordant, Transfer, Block, Roller, Tie and Dye, Stencil, Screen, Photographic.
- Green Environment: Natural dyes vs Synthetic Dyes, Treatment of Textile Dye Effluent.

Books Recommended

1. Textbook of Fabric Sciences, Fundamentals to Finishing, Seema Sekhri, PHI Learning Pvt. Ltd.
2. Textile Science, An Explanation to Fibre Properties, EPG Gohl, LD Vilensky, CBS Publishers and Distributors.



BSFT-303

TRADITIONAL INDIAN TEXTILES(Semester 3)

Internal Marks 40

External Marks 60

Duration of Exam 3 hours

Theory 3 Hrs

THEORY

OBJECTIVES:

- To impart knowledge of traditional designs and motifs of textiles
- To introduce application of these motifs on different textiles.

Traditional Indian Textiles

1. Resist dyed textiles- bandhani, batik, patola, ikat, pochampalli.
2. Printed Textiles- Sanganeri
3. Painted textiles- Kalamkari
4. Woven textiles- brocade, jamavar, jamdani, chanderi, maheshwari, kanjivaram, paithani, baluchari.
5. Kashmir Shawls- Kashmir carpet, Namda, Gaba.

References:

Lynton Linda, "The Sari", Thames and Hudson.

Suinathi G.J., "Elements of Fashion and Apparel Design", New Age Intl. Ltd. Publisher, N.Delhi.

Chattopadhyay k., "Handicrafts and Industrial Arts of India", Taraporevala sons & co. Pvt. Ltd. Mumbai, 1960.

Saraf D.N, "Indian Crafts", Vikas Publishing House Pvt. Ltd. 1982.

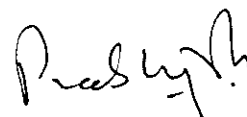
Naik Shailaja D, "Traditional Embroideries of India", APH Pub. Corp, New Delhi, 1996.

Paine Sherla, "Embroidered Textiles", Thames and Hudson Ltd, 1990.

Chattopadhyay K, "Indian Embroidery", Wiley Eastern Ltd., New Delhi, 1977.

Marrel A, "The techniques of Indian Embroidery", B.T. Batsford, London, 1992.

Mrs. Savitri Pandit Traditional Embroideries of India.



BSFT-304

Fashion Sketching–I Lab (Semester 3)

Internal Marks...30

External Marks...20

Duration of Exam...3hours

Practical 4 Hrs

Objectives:

Observing and familiarising with the human anatomy and it's proportions emphasising on learning how to sketch the movement of different body limbs, posture detailing etc.

Contents:

- Drawing basic figures which are commonly known as matchstick figures to learn the basic proportions.
- Starting more detailed sketching for a natural look. Observe the movement of the body, the bend in the body whether pushed in or out.
- Keep adding part by part to one single figure. Drawing the head will create figure size. Draw the torso and then the legs.
- Use a live model now in different positions such as sitting, standing, reclining etc.
- Capture the 3 dimensional qualities with single line drawing giving stress to the points where it is needed and soft rendering to be introduced.

Reference books:

Anatomy & Drawing by Victor Perard.

Prashanth

BSFT-305

TRADITIONAL INDIAN EMBROIDERIES lab (Semester 3)

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Practical 4 Hrs

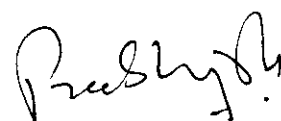
Objectives:

To introduce the students to traditional embroideries, of various states of India, as surface embellishment techniques.

Contents:

Study in detail about the various embroidered textiles of India with special reference to the material/fabrics, designs, their social significance and usage. Prepare the samples of the following embroideries:

- Kutch
- Phulkari
- Chikankari
- Zardozi
- Kasuti
- Kantha
- Kashida



BSFT-306

GARMENT CONSTRUCTION –III Lab (Semester 3)

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Practical 4 Hrs

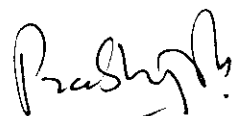
Objectives:

- To enable the students in converting fabric cut parts into a sewn garment.
- To learn and select the appropriate construction method for a desired look of a garment.
-

Contents:

Stitching of the following Indian garments:

- Plain Saree Blouse, Choli Blouse
- Kalidar Kurta
- Churidar
- Salwar and Kameez



BSFT 307 Advanced Computers Lab. (Semester 3)

Internal Marks 30

Periods External Marks 20

Duration of Exam 3 hours

Practical: 4Hrs

Course Objectives:

To enable the students to have knowledge about the various tools of a design software : Corel Draw.

The examiner must set questions covering the entire syllabus.

Internal choice may be given.

- Knowing and understanding the use of all the design tools of Corel Draw.
- Application of tools of Corel draw to prepare the following:

Motifs: Stylised, Realistic, Natural and Geometric.

Various garment silhouettes: Indian, Western, and Indo Western.

- Students will prepare a file folio of all of the above work.

Books Recommended

- Corel Draw Users' Guide/ Manual accompanying the software.
- Corel Draw for Dummies

Pradhyak

BSFT-308

PATTERN MAKING AND DRAPING Lab (Semester 3)

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Practical: 4Hrs

Objectives:

To understand the draping aspects of pattern making and apply the knowledge in creating designer garments

Contents:

- Different types of necklines
- Sleeves: Magyar, raglan, kimono
- Pockets-inset, cargo, welt
- Draft Torso Block

Prashant

BSFT-401 FASHION STUDIES

Internal Marks...40

External Marks...60

Duration of Exam.....3.hours

Course Objectives:

- To acquaint the students to develop an understanding of fashion and the terminology used
- To understand the fashion movement

Content :

UNIT-I

1. Fashion Terminology: Fashion, style, fad, classic, stereotype, boutique, croquis, fashion trend, taste, Haute- couture, Pret-a- Porter, Knock offs.
2. Fashion-
 - Definition
 - Principles
 - Components (silhouette, details, texture, colour)
3. Factors affecting fashion-
 - Social
 - Economic
 - Psychological.

UNIT-II

4. Fashion cycle-
 - Stages of Fashion
 - Broken fashion cycle
 - Length of fashion cycle

UNIT-III

5. Fashion Theories
 - Trickle down theory
 - Trickle across theory
 - Bottom- up theory
6. Fashion Leaders

UNIT-IV

7. Sources of inspiration
8. Fashion forecasting.

(Following Only for assignments and presentations)

9. Evolution of Fashion through 20th and 21st century
10. National and International designers.
11. National and International fashion centers

References:

1. Inside Fashion Design by Sharon Lee, Harper & Row Pub., NY.
2. Fashion from Concept to Consumer by Gini Sterphens Frings, N. Jersey, Prentice Hall-C, 1996.
3. Encyclopedia of Fashion Accessories by P. Tortora, 2003, Fairchild Pub . inc.
4. Fashion Kaleidoscope by Mehar Castelino-Calcutta: Rupa & Co., 1994.
5. Costume & Fashion-A Concise History by James Lavcer, New York, Harry M. Abrams.
6. Western World Costume by Bradley, Peter Owen Ltd. , London 1955.
7. Encyclopedia of Costumes and Fashion from 1066 to the Present by Jack Cassin-Scoot Illns London, Brockhampton, 2002.
8. Fashion Innovation & Marketing by Kathryn Moore Greenwood and Mary Fox Murphy- New York, Mac Millian Publishing Co., 1978.

BSFT-402 HISTORY OF WORLD COSTUME

Internal Marks...40

External Marks...60

Duration of Exam.....3.hours

Course Objective: The subject attempts to trace the evolution of clothing, from the obscure beginnings of the Palaeolithic age up to the modern age, with cross references in clothing between diverse civilization in different centuries.

Content :

- Introduction
- Sumerian, Assyrian, Babylonian
- Egyptian
- Aegean, Greek
- Etruscan, Roman
- Byzantine
- Church garments
- 13th Century, 14th Century
- 15th Century
- 16th Century
- 17th Century
- 18th Century
- 19th Century
- 20th Century (1901-1940)
(1940-1960)

Students do an individual research study on any designer and a group starting from 1930. The objective is to familiarize the students with fashion in the 20th century with particular focus on designers and design houses, which influence global fashion today.

Suggested Reading:

- A history of costume in the west – Francois Boucher
- Fashion in the western world – Doreen Yarwood

BSFT-403 FASHION SKETCHING - II LAB

Internal Marks...30

External Marks...20

Duration of Exam.....4.hours

Course Objective:

After Observing and familiarising with the human anatomy and it's proportions emphasising on learning how to sketch the movement of different body limbs, posture detailing etc. colouring and rendering will be an integral part of the exercises now.

Content :

- After Drawing figures and Starting more detailed sketching for a natural look , colouring should be started with good quality colour pencils.
- The folds and texture of the garments worn should be carefully studied and rendered .Use a live model in different positions such as sitting ,standing, reclining so that the fall of the garments can be studied.
- Capture the 3 dimensional quality with rendering and colouring using water colours, crayons etc also.

BSFT- 404 TEXTILE DYEING AND PRINTING LAB

Internal Marks...30

External Marks...20

Duration of Exam.....4.hours

Course Objective:

To enable the students to understand the application of pigments and various classes of dyes on different fabrics.

The examiner must set questions covering the entire syllabus.Choice may be given.

Content :

- Making samples and products using the following methods of colour application:
 - i. **Printing:** Block, Stencil, Screen,
 - ii. **Dyeing:** Silk, Wool, Cotton, and Polyester fabrics.
 - iii. Batik, Tie and dye.
- Testing colour fastness of various fabrics to crocking, perspiration, sunlight and washing.

Students will prepare a file folio of all of the above work.

Books Recommended

1. Textbook of Fabric Sciences, Fundamentals to Finishing, Seema Sekhri, PHI Learning Pvt. Ltd.
2. Textile Science, An Explanation to Fibre Properties, EPG Gohl, LD Vilensky, CBS Publishers and Distributors.

BSFT-405 DESIGN PROCESS LAB

Internal Marks...30

External Marks...20

Duration of Exam.....4.hours

Course Objective:

- To create a conscious awareness with regard to each step in the design process.
- To develop the ability to understand a particular theme and demonstrate this understanding in the form of a 3 dimensional theme board, initial concepts and a final design of a garment.
- To learn to derive a color palette , mood board, client profile, spec sheets, from the theme or source of inspiration.
- To develop the ability to verbally present their own work/designs to clients during class hours in mock presentation every week.
- Marking Criteria should include :
 1. Presentation skill (in class)
 2. Theme board/source of inspiration .
 3. Color palette .
 4. Initial concepts .
 5. Material exploration & surface design .
 6. Illustrated final concept with details/different Presentation etc .
 7. Final Garment
 8. Final Presentation of design process
- It is interactive and constant feed back is given after each student presents their work after each stage of the design process.

BSFT- 406 COMPUTER AIDED DESIGNING LAB.

Internal Marks...30

External Marks...20

Duration of Exam.....4.hours

Course Objective:

To enable the students to learn the application of various tools of design software: Corel Draw to design collections.

Content :

Application of tools of Corel draws to the following:

- Sketching of Female Fashion Figures
- Draping the Fashion Figures in various silhouettes and styles focussing on design details.
- Working in varied textures, colours, tints, shades, prints, plaids and checks.
- Making story boards of various collections.
- Students will prepare a file folio of all of the above work.

Books Recommended

- Corel Draw Users' Guide/ Manual accompanying the software.
- Corel Draw for Dummies

The examiner must set questions covering the entire syllabus. Internal choice may be given.

BSFT-407 GARMENT CONSTRUCTION –IV LAB

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Objective:

- To enable the students in assembling various components of garment into complete apparel with a desired look.

Content:

Stitching of the following :

- Waist band application: Regular, contoured, casing, elastic, faced.
- Collars-Convertible, Notched, tuxedo
- Skirt: A-line, gathered, pleated, flared, paneled, gored, yoked, circular, flounce, tiered.(any two)
- Shirt
- Trouser

BSFT-408 PATTERN MAKING AND GRADING LAB

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Objective:

To make the student proficient in grading the pattern to different sizes

Content:

- Introduction to grading: definition, types, terminology, importance, application.
- Grade the following for three sizes up and one size down: Bodice block , Sleeve block, Bodice block with Princess line, Yoke in a bodice.
- Preparation of pattern for sleeve variations: Puff, Petal, Flared, Leg ‘O’ Mutton, Cap, Magyar, Raglan, Kimono (grade any one).
- Grade the Basic skirt block
- Preparation of pattern for Collar variations - Flat and rolled collars, Peter Pan, Cape, Sailors, Stand and fall, Mandarin, (grade any one).
- Preparation of pattern of Trouser.

BSFT 501 ART APPRECIATION

Internal Marks...40

External Marks...60

Duration of Exam...3.hours

Objective :

The objective of the course is to give an insight and input about the various aspects of the History of Art right from the origin. The students learn about the historic importance and relevance of the various aspects and phases of the Indian Art and take inspiration and influence for their own creations.

Content:

- India- It's geographical , historical and cultural dimensions-an over-view
- Indus Valley Civilization
- Mauryan Art
- Gandhara Art
- Bharut Art
- History of Stupas
- The painting tradition in India.
- The Ajanta Paintings and Sculpture
- The Miniature tradition –it's making and meaning-the Rajasthani, Mughal and Pahari schools
- The changing forms and features of Indian Sculpture and Architecture from Pallava, Chola dynasty.
- The Humayun's Tomb , The Qutab Minar, The Buland Darwaza , The Taj Mahal
- Discussions/presentations

Instruction to the Examiner:

- Question paper should include "Fill in the blanks for at least 25 marks".
- Presentations on topics in groups should be given by the internal examiners.

Reference books:

1. A History Of Fine Arts by Edith Tomory

BSFT 502 INDUSTRY INTERNSHIP

Internal Marks...40

External Marks...60

Objective:

The Fashion Technology course is designed to hone the technical skills and creative abilities of the students. The curriculum is continuously revised keeping the industry dynamics in mind. Besides the class rooms learning, students take a lot of research projects, industry projects and field projects where they get practical experience in actual working condition.

After completing a year, every student is required to undergo minimum of 6 weeks training. The main objective of this exercise is to enable the students to get an exposure to the real working environment and the culture of the retail industries. This will help them to understand the various practices as well as the problems faced in the industries.

As part of educational program they are required to undertake an industrial training in the month of June for a period of 6 weeks starting from first week of June. (Or whenever the students are free from examinations)

- ❖ The students will present their projects/research study completed during the Industrial training at the end of the semester

BSFT 503 PRINCIPLES OF FASHION MARKETING

Internal Marks...40

External Marks...60

Duration of Exam...3.hours

Objective:

To enable the students to understand the meaning, importance and ways of Fashion Marketing

The examiner will set questions covering the whole syllabus.

Content:

- Definition and Scope of Marketing.
- Marketing Channels; Vertical Marketing Systems and Horizontal Marketing Systems.
- Retail Organizational Structure; Line and Staff function.
- Buying and Selling: Definition, Scope, Principles and Process.
- Departmental Stores, Speciality Stores, Discount Stores, Franchise Stores, Non Store Retailing .Company Show rooms, Factory Outlets.
- Buyer Classification; Buyer Behaviour.
- Market Segmentation; Marketing Mix.
- Marketing Communication: Process and Objectives.
- Sales Promotion; Advertising, Publicity, Personal Selling, Visual Merchandising.
- Market Research and Product Development, Life Cycle, Branding and Packaging.

Books Recommended

- Marketing Principles and Practice; 2nd Edition; Dennis Ad Cock, Ray Bradfield, Al Halberg and Caroline Ross; Pitman Publishing.
- Merchandise Buying and Management; 2nd Edition; John Donnellan; Fairchild Publication.
- Fashion Marketing: Theory, Principles & Practice by Marianne Bickle (Jun 21, 2010)

BSFT 504 INNOVATIVE FABRIC DEVELOPMENT

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Objective:

To enable the students to learn various techniques of fabric development and use them innovatively in future design development.

Content:

Develop the samples of the following:

- Patch work and quilting: Introduction, tools, material and techniques.
- Appliqué: Introduction, tools, material and techniques.
- Crochet- Introduction, tools, material, techniques and types- single, double.
- Machine Embroidery, cut work, glass work and drawn thread work.
- Special techniques- smocking, ribbon work, beads and sequins work.

Prepare an end product using the learnt techniques.

BSFT 505 ADVANCED COMPUTER SOFTWARE PACKAGES I

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Objective:

To help the students have knowledge, understanding and application of tools of Adobe Photoshop.

Content:

- Introduction to the tools of Adobe Photoshop
- Application of the tools of Adobe Photoshop to make:
- Logos, Motifs: Traditional, Realistic, Stylized and Geometric.
- Designing Brochures and Fliers; Visiting Cards; Invitation Cards for Fashion Events.
- Creating Fabric Prints and Fabric Drapes of Sheer, Transparent, Nets, Stiff and Heavy Fabrics.
- Making Spec Sheets, Working Drawings of Garment Design Details.
- Importing files of Adobe Photoshop to Corel Draw and Vice Versa.
- **Students will maintain a hard copy of all the above record in a file folio.**

Books Recommended

- Guide /Manual of Adobe Photoshop that comes with the software.
- Photoshop CS6 For Dummies by Peter Bauer, Edition 2012
- Adobe Photoshop for Fashion Design by Susan Lazear, Edition 2007
- Fashion Designer's Handbook for Adobe Illustrator ,Marianne Centner, Frances Vereker

BSFT 506 GARMENT CONSTRUCTION –V

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Objective:

To enable the students in creating complex garments with emphasis on detailed finishing processes.

Content:

Stitching of the following garments:

- Jacket or Coat
- Waist coat
- Corset
- Evening Gown

BSFT 507 ADVANCED PATTERN MAKING

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Objective:

To understand the advance and complex concepts of pattern-making.

Content:

Develop the patterns of the following:

- Jacket block- Tailored, Semi-fit
- Coat block
- Two pieces and one piece Sleeve
- Waist coat
- Corset
- Evening Gown

BSFT 508 FASHION ART

Internal Marks...30

External Marks...20

Duration of Exam...4.hours

Objective :

To understand the fashion figure through the analysis of photographs and using figure research as a basis for the creation of fashion design sketches.

Content:

- Normal or Basic Figure
- Introduction to Fashion Figure
- Movable ball joints.
 - Stationery pose
 - Motion
 - Bending
- Introduction to line drawing figure (poses)
- Introduction to Balance and Motion.
- Learning line drawing croqui to geometric croqui (both with the same pose). The aim is to understand the posture and concept of Figure analysis through photographs as the initial introduction to the flesh figure.
 - Front
 - Side
 - Back
- Analysis of faces and hair style to understand the structure of the skull with emphasis on simplification of lines.
- Analysis of hands and feet(with/without shoes)

Books Recommended

Advanced Fashion : Sketch book by Bina Abbing

BSFT-601 KNITTING TECHNOLOGY

Marks 40 Internal;60 External

Credits 3

Objective:

To understand the term textiles in context of knitting and to develop knitting skills required for apparel industry.

Content:

UNIT-I

- Introduction to Knitting Technology
- Terms used in knitting.
- Difference between Knits and Woven.

UNIT-II

- Indian Knitting industry-past, present and future.
- Hand and machine Knitting.
- Working of knitting needles, loop formation and construction of knitting stitches
- Introducing Wrap and weft knitting

UNIT-III

- Characteristics of Wrap and weft knitted fabrics
- Weft knit stitches-single jersey, rib, purl, interlock, float and tuck stitches
- Warp knit stitches- tricot, milanese, rachel knit.
- Knitted fabric defects

Reference Books

- Knitting Technology: A Comprehensive Handbook and Practical Guide by David J.Spencer
- Knitting Fundamentals, Machines, Structures And Developments by N.Anbhumani
- Knitted clothing technology by terry Brackenbury
- Knitting technology by D.B.Ajgaonkar

Simrita Singh

BSFT 602 Production Management & Quality Control (Basics)

Marks 40 Internal;60 External

Credits 3

Objectives of the Course:

- To introduce the concept of Production Management and Quality Control.
- To help students understand the importance of Production Management & Quality Control in Apparel Industry

The examiner will set questions covering the whole syllabus

- Management: Definition, Purpose and Scope of Management.
- Principles of Management
- Functions of a Production Manager.
- Product Planning: Market Potential, Marketing Plan, Factors influencing Product Planning and Forecasting.
- Product Selection: Meaning, Factors affecting successful development of a new product.
- Order processing, material handling, warehousing, inventory management.
- Quality: Definition and Importance.
- Cost of Quality
- Role of Organizations of Quality Standards
- Inspection and steps of inspection

References:

1. Product management - Donal R. Lehmann, Russel S. Winer

Simrita Singh

2. Management for Development, Sarabhai Vikram (1994)
3. The Business Of Fashion, Burns Davis Leslie, Bryant O Nancy (2002)
4. Principles and Practices of Management – L.M. Parsad
5. Quality Assurance in Apparel Manufacture, Northern India Textile Research Association Tablet
6. Managing Quality in Apparel Industry Pradip V Mehta and Satish K Bharadwaj.
7. A.J.Chutney , Introduction to Clothing Production, Management.

Shivita Singh

BSFT 603 Product Promotion and Development

Marks: 60 Internal; 40 External

Credits 3

Objectives of the Course:

- To help students understand the concept of product development and importance of its promotion.

The examiner will set questions covering the whole syllabus

- Products and Services: Definition, 3 facets of a product; brand products and own label products, product benefits, product failure.
- Orientation of a Business: product orientation, sales orientation.
- Product development: meaning, types of new product, stages in product development process, product adoption and diffusion, product lifecycle.
- Market research: meaning, scope procedure, types and techniques.
- Promotion planning: meaning, budget and funding, promotional message, product mix, product diversification, kinds of diversification, product positioning, and product obsolesce.
- Students should conduct a project based study of the above.

Books Recommended

- Marketing Principles and Practice; 2nd Edition; Dennis Ad Cock, Ray Bradfield, Al Halberg and Caroline Ross; Pitman Publishing.
- Marketing, A Managerial Introduction, JC Gandhi, TATA MCGraw Hill

Shivita Singh

BSFT 604 Introduction to Fashion Merchandizing

Marks 40 Internal; 60 External

Credits 3

Objectives of the Course:

- To introduce the concept of Fashion Merchandising to the students.
- To help them understand the merchandising organization and process.

The examiner will set questions covering the whole syllabus

- **Merchandizing of Fiber and Fabric:** History and Development, **Sources, Supply Processing, Operation, Advertising and Promotion of:**
 1. Natural Fibers and Textiles
 2. Manmade Fibers and Textiles
 3. Fur and Leather Fibers and Textiles.
- **Status of Domestic Fashion Market** for Apparel, Accessories and Intimate Apparel of women, men and children.
- **Retail Merchandising:** Store –level Merchandising Functions, Corporate-level Merchandising Functions. Qualities of merchandisers and vendors, Career of a merchandiser.
- **Global Sourcing:** Structure of Buying offices, Structure of Export houses.
- **Trends in Fashion Retailing:** Store Layout and Merchandise Presentation, Store Furnishings and Fixtures, Atmospherics and Signage, Personal selling and qualities of sales persons.
- Private Labels and Brands, Range Planning.

Books Recommended

- Fashion Merchandising, An Introduction, Elaine stone, Jean A. Samples, McGraw Hill Publishing Company
- Merchandise Buying and Management; 2nd Edition; John Donnellan; Fairchild Publication.
- Fashion Marketing: Theory, Principles & Practice by Marianne Bickle (Jun 21, 2010)

Sanita Singh

BSFT-605 ENTREPRENURESHIP

Marks 40 Internal;60 External

Credits 3

Objective:

To develop entrepreneurship skills in the students by preparing them for the competencies required.

Content:

UNIT-I

- Entrepreneurship: Concept and Definitions, role and qualities of an entrepreneur
- Entrepreneurship and Economic Development,
- Classification and Types of Entrepreneurs, Entrepreneurial Competencies, Factor Affecting Entrepreneurial Growth -EDP Programmes, Entrepreneurial Training

UNIT-II

- Small Enterprises Rationale and objectives Definition of Small Scale
- Enterprise Launching Formalities
- Meaning of Project, Project identification, project planning
- Project design, need for network analysis (Techniques of PERT and CPM)
- Project appraisal and its significance.
- Social costs benefit analysis.

UNIT-III

- Institutions assisting/supporting entrepreneurs: DIC, SIDO, SIDBI, SIDC, SISI, NSIC, SFC.
- Management of Small Business: Marketing Management, Production Management, Finance Management, Human Resource Management, Export Marketing.

Reference Books:

Sanjiv Singh

- Entrepreneurship - Theory, Process and Practice by D.F. Kuratko and R.M. Hodgetts,
- Entrepreneurship Development by S.S.Khanka
- Entrepreneurship- New Venture Creation by D.H.Holt
- Entrepreneurship and Small Business in India by J.S. Saini
- Entrepreneurship Development: Small Business Enterprises by P. Charantimath
- Essentials of entrepreneurship and small business management by Thomas W. Zimmerer and Norman M. Scarborough
- Fashion Entrepreneurship : Retail Business planning by Michele M. Granger

Sumita Singh

BSFT 606 Portfolio

Marks 40 Internal;60 External

Credits 2

Course Objectives :

Portfolio is the compiling of the students work done during the course (all semesters) in a systematic designed manner. It should give a deep insight into the creative capabilities and capacities of the designer . this will be of utmost importance during the placements.

The main contents will be as :

- Introduction of the Designer Student
- Bio Data
- Contents
- Properly and systematically designed sheets from all areas covered during the semester.
- Extra curricular activities should be covered too.

This is a 4 to 5 week module done under the guidance of faculty.

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BSFT 607 Advanced Computer Software Package II

Marks 30 Internal;20 External

Credits 2

Marks 60 Internal; 40 External

Objectives of the Course:

To help the students have knowledge, understanding and application of tools of tukaCAD software.

The examiner will set questions covering the whole syllabus

- Introduction to the tools of TukaCAD.
- Application of the tools of the Pattern Making software to develop bodice blocks and sleeve blocks for 5 year old and 10 year old girls.
- Blocks made above to be extended beyond waist : straight A-line; with gathers; with pleats
- Making patterns of Collars: Baby collar, flat Peter Pan collar, raised Peter Pan collar.
- Making shaped facing and piping to finish neckline, Placket, Pocket.
- Learning to add all pattern details on a block: grain line, measurements, notches, seam allowances, piece name and number of pieces to be cut.
- **Students will get all pattern pieces printed on gateway sheet and keep the hard copy in their file folio.**

Books Recommended

TukaCAD guide /manual that comes with the software.

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BSFT-608 DESIGN PROJECT

Internal Marks...30

External Marks...20

Credits02

Objectives:

To understand the various aspects of carrying out a research work independently

Student will be able to comprehend its relevance in the present scenario of garment and textile industry.

Content:

The students are required to carry out a research project or a design project in the form of either line development or design development for industry/NGO/design organisation for a period of 3-4 months in the final semester.

Each student will be mentored by a faculty throughout the semester.

This project will culminate in the form of a report and a presentation for final evaluation by a jury of experts from the same/relevant field.

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