## Scheme of Examination

<table>
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<tr>
<th>Part</th>
<th>Study Components</th>
<th>Course Title</th>
<th>Hours per week</th>
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### Semester V

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@ No University Examinations. Only Continuous Internal Assessment (CIA)

# No Continuous Internal Assessment (CIA). Only University Examinations.

List of Elective papers (Colleges can choose any one of the paper as electives)

<table>
<thead>
<tr>
<th>Elective – I</th>
<th>A</th>
<th>Computer Aided Designing-Practical</th>
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<tr>
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<th>Industrial Psychology</th>
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<td>Business Finance</td>
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<td>B</td>
<td>Executive Business Communication</td>
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<td>C</td>
<td>Textile Economics</td>
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</table>
SEMESTER – I CORE PAPER I - TEXTILE SCIENCE

UNIT I

Cotton: Producing countries – Botanical and commercial classification - Brief study on Indian hybrid and imported commercial cotton varieties – Fibre morphology – Chemical structure & composition - Properties - End uses. Brief study about organic cotton and it’s cultivation.

Jute: Producing countries – Fibre morphology – Chemical composition - Properties - End uses.

Flax: Producing countries – Fibre morphology – Chemical composition - Properties - End uses.

UNIT II
Wool: Producing countries - Grading - Fibre morphology – Chemical structure & composition - Properties - End uses - Felting – Study of Woolen and Worsted Yarns - End uses - Brief study on specialty hair fibers and uses.


UNIT III

Synthetic fibres: Common steps for the production – Brief study about Polyamide, Polyester, Poly Acrylic, and Spandex – Process flow for the production of Nylon 6,6, Nylon 6, Polyester filaments and staple fibres. Individual fibre properties and trade names – End uses. - Texturisation and it’s effects, Types of textured yarns - Methods of texturisation – End uses of textured yarns.

UNIT IV
Classification of yarn types- Staple spinning system - Types – Cotton Yarn Production sequence and objectives – Principles of short staple spinning – Comparison of carded and combed yarn - Winding and it’s objects – Waxing and it’s significance – Properties required for export quality hosiery yarns. Study of yarn twist and it’s importance – Types of yarn twist – Various yarn & package defects.

UNIT V

REFERENCES:

12. Eric Oxtoby, Spun Yarn Technology
15. K.P.Chellamni, Yarns and Technical Textiles.

SEMESTER – I CORE PAPER II - PATTERN MAKING AND GRADING

UNIT I
Introduction – Concept of basic pattern and grading – Methods of pattern making with special reference to pattern drafting - Pattern making tools – Various pattern production terms–Standard body measurements for men's wear, women’s wear and kids wear of different countries. Style wise component parts of a garment.

UNIT II
Pattern positioning and lay out – Concept of pattern layout - Rules and methods of pattern layout – Adjusting the patterns to fabric. Fitting: Definition – Principles for a good fit– Checking the fit of a garment – Solving fitting problems in various garments.
UNIT III

UNIT IV
Procedure to draft the ¼th patterns for men’s wear: Basic round neck T shirt, raglan sleeve T shirt with hood, full sleeve shirt, narrow bottom trouser.

Procedure to draft the ¼th patterns for kids wear: Jabla, knicker, pedal pusher, A-Line frock.

Procedure to draft the ¼th patterns for Ladies wear: Blouse, kameez, salwar, midi, midi top.

UNIT V


REFERENCES:
9. Gerry Cooklin, Master Patterns and Grading for Women’s Outsizes, Blackwell Science Ltd, England

SEMESTER – I PRACTICAL  I  -  PATTERN MAKING

LIST OF EXPERIMENTS

MEN’S WEAR

1. Basic t-shirt with half sleeve.
2. Polo t-shirt with half sleeve
3. T-shirt with full sleeve.
4. T-shirt with raglan sleeve.
5. Singlets.
6. Brief and boxer shorts.
7. Vest with and without sleeve.
8. Night dress
9. Track suit.

KIDS WEAR

1. Bib
2. A line frock
3. Plain frock
4. Baba suit
5. Sun suit
6. Ramber

WOMEN’S WEAR

1. Ladies tops
2. Nighties
3. Ladies pant
4. Ladies shirt
5. Bolero set (top & bottom)
6. Blouse
7. Panties
8. Ladies vest
9. Skirt “A line”
10. Pyjama
SEMESTER – I ALLIED PAPER I - INTRODUCTION TO COMPUTERS

UNIT I

UNIT II

UNIT III

UNIT IV

UNIT V
Virus, Types of viruses, How do virus spread, Symptoms of a virus attack, Prevention of virus Attack, Detection of viruses, Removing viruses.

REFERENCES:

SEMESTER – II CORE PAPER III - GARMENT MACHINERIES AND EQUIPMENTS

UNIT I

UNIT II
Sewing machine shapes - Sewing machine bed types-Description and application of each bed – Flat bed - Cylinder bed - Post bed – Applications. Feed mechanisms – Types - Drop feed – Compound feed - Unison feed – Drop and variable top feed -Differential bottom and variable top feed (description of each type of feed mechanisms with sketch).

UNIT III
Classification of garment manufacturing machines & applications. Studies on different sewing machine – Lockstitch machine (chain stitch formation) - Features of advanced lock stitching machines. Overlock machine – Classification - Three thread overlock machine – Stitch forming elements. Brief study on double needle lock stitch machine, flat lock machines.

UNIT IV

UNIT V

REFERENCES:
SEMESTER –IV CORE PAPER IV - PRINCIPLES OF MANAGEMENT

UNIT I

UNIT II
Planning - Meaning and purpose of planning – Steps in planning – Types of planning - Objectives and policies – Objectives, policies, procedures and methods, nature and types of policies - Decision making – Process of decision making – Types of decisions – Problems involved in decision making.

UNIT III

UNIT IV

UNIT V
Controlling – Need for co-ordinating – Meaning and importance of control - Control process –Types of control.

REFERENCES:

7. Dingar Pagore, Principles Of Management
8. L.M.Prasath, Principles Of Management
SEMESTER – II  PRACTICAL II - STITCHES AND SEAMS

LIST OF EXPERIMENTS

2. Prepare atleast five different stitch and seam samples by using different sewing machines and furnish the machine threading diagram along with stitch density and thread consumption details.
3. Developing seams of various types - superimposed, bound, lapped, flat felt and piping
4. Develop the samples of components such as
   a. Round neck
   b. Scallop neck
   c. Gents placket
   d. Ladies placket
   e. Cross pocket
   f. Band collar and
   g. Henley band

SEMESTER – II ALLIED PAPER II - COMPUTER APPLICATIONS PRACTICAL

LIST OF EXPERIMENTS

1. Using MS Word, prepare the given report.
2. Using MS Excel, prepare the given balance sheet.
3. Using MS Excel get the output in various formats such as Histogram, Pareto chart etc.,for the given data.
4. Using MS Excel do the given calculation and prepare the required statement.
5. Using MS Power Point prepare the flow chart and presentation slides for the given topic.
6. Design the given motif / design using Coral draw package.
7. Create the given situation in Coral draw.
8. Work on Adobe Photo Shop for given design card.
9. Design a web page for the given details using HTML / DHTML/ Flash.
SEMMESTER III CORE-VII KNITTING TECHNOLOGY

UNIT – I

UNIT-II
Knitting terms and definitions - Principal weft knit stitches - Knit, tuck and miss stitch formation and properties - Representation of weft knit stitches – Study of Basic weft knit structures - Needle gating - Description of circular Rib & Interlock knitting machine – Characteristics of basic weft knit structures – Circular knitting GSM and production calculations.

UNIT-III
Understanding the single jersey knit fabric structures, their cam and needle order : Plain jersey, Pique, Thick pique, Honey comb, Pearl and Twill. Understanding the rib fabric structures, their cam and needle order: 1X1 rib, 2X2 rib, Drop needle, Royal rib, Polka rib, Double half cardigan, Double cardigan, Milano rib, Waffle, Flat back, Swiss double pique and French double pique. Understanding the Interlock fabric structures, their cam and needle order: Interlock, Eight lock, Ottoman rib, Pin tuck, Texi pique and Ponte di Roma.

UNIT-IV

UNIT-V
Flat Knitting – Yarn passage diagram of a flat knitting machine – Mechanical type Flat knitting machine - Needle bed assembly – Racking, Carriage and Cam box arrangement - Yarn feeding arrangement in flat knitting machine - Transfer Stitch and Drop Stitch – Thread diagram, effects and applications – Introduction to computer controlled Flat knitting machine. Concept of fully-fashioned machines and seamless kniwtwears.

Introduction to warp knitting – Warp knitting terminologies – Open lap and closed lap. Basic lapping variations - Detailed study of knitting elements of Tricot and Raschel machines. Knitting action of Tricot and Raschel machines. Comparison of Tricot and Raschel machine. Study of standard two bar warp knit structures and their properties – Lock knit, Satin, Reverse lock knith, Loop raised, Sharkskin and Queens cord

References:
1. D.B. Ajgaonkar – Knitting Technology
2. David J.Spencer – Knitting Technology
3. Chandrasekara Iyer et al. – Circular knitting technology
4. Dr.Samuel Raz – Flat Knitting
5. Dr.S.Raz – Warp Knitting Technology
6. Peter Lord et al. – Fabric forming systems
SEMESTER III CORE-VIII QUALITY ASSURANCE OF TEXTILES AND APPARELS

1. INTRODUCTION TO TESTING & QUALITY
Importance of Quality & Testing Laboratories – Standards – Objectives of Testing - atmospheric conditions for testing lab. Brief study on fibre properties - FQI

2. TESTING OF YARN QUALITY
Yarn evenness: Brief study on methods of measuring evenness Yarn twist: Terms - Electronic twist tester

3. TESTING OF FABRIC QUALITY

Testing of color fastness to washing, rubbing, perspiration & light - Grey scales and ratings - Reasons for poor color fastness -.

4. INSPECTION
Meaning – Definition - Types of Inspection – Study on Incoming materials inspection: fabric inspection systems & Testing of zippers, Buttons, Waistbands, Sewing thread

5. IN PROCESS & FINAL INSPECTION

References
1. Principles of Textile Testing – J.E. Booth
3. Textile testing – P. Angappan & R. Gopalakrishnan

SEMESTER III CORE-IX GARMENT CONSTRUCTION

1. Elements and Functions of Clothing
2. Stitches
Introduction – Definition - Basic Principles Of Stitch Formation – Classification Of Stitches Based on Federal Standards -- Formation Of Important Stitch Classes In 100,200,300,400,500 and 600 Series – Detailed Study Of Application Of All Stitches - Comparison Of Stitches.

3. Seams

4. Defects & Remedies
Detailed Study On Various Stitching, Sewing And Assembly Defects - Causes & Remedies: Skip Stitch, Unbalanced, Puckering, Gathering, Needle Defects, Thread Problems – Quality Of Threads And Its Impact On Sewing Quality – Sewability And Its Influencing Factors – Needle Cutting Index.

5. Alternative Methods Of Joining Materials:

References:
1. Apparel Manufacturing – Hand Book – Jacob Solinger
2. Technology Of Clothing Manufacture – Herold Carr & B.Latham
3. Knitted Clothing Technology – T.Bracken Berry
4. Technology Of Stitches & Seams – Coats Viyella Limited

SEMESTER III CORE-X KNITTING TECHNOLOGY - PRACTICAL

Part A:
3. Trace The Diagram Of Different Cams In The Conventional/Modern Knitting Machine With Measurements. Also Mention The Importance Of Each Cam.
4. Trace The Take Down Mechanism And Set The Mechanism For Maximum And Minimum Tension.
5. Trace The Positive Feeder Mechanism Available In The Modern Knitting Machine And Set The Mechanism For Two Different Feed Lengths.
6. Develop A Pattern For Flat Knitting And Set The Machine Accordingly.
7. Develop A Pattern For Circular Knitting And Set The Machine Accordingly.
Part B: Development Of The Following Samples:

1. Pique  
2. Double Pique  
3. Lacoste  
4. Pearl  
5. Twill  
6. Two Thread Fleece  
7. Mini Jacquard Design  
8. Auto Striper  
9. Rib Waffle  
10. Flat Back Rib  
11. Rib drop needle  
12. Interlock

and Analyse the Following Particulars:

A) Course and Wale density  
B) Loop length  
C) Areal Density (GSM)  
D) Tightness factor  
E) Technical Graph  
F) Cam Order  
G) Needle Order

(Any one of the above designs shall be given)

SEMESTER III ALLIED: III QUALITY ASSURANCE OF TEXTILES AND APPARELS- PRACTICAL

1. Determination Of Count Of Yarn: Wrap Reel & Weighing Scale.
3. Determination Of CSP: Lea Strength Tester –
7. Fabric Analysis For Determining GSM, CPI, WPI, SI, CI & Count Of Given Sample: Course Length Tester And Weighing Scale.
8. Fibre Identification: Microscope And Chemical Test
9. Blend Composition – Chemical Test
10. Determination Of Color Fastness Of Given Sample To Washing By Using Launderometer And Rating With Help Of Grey Scales
11. Determination Of Color Fastness Of Given Sample To Rubbing By Using Crockmeter And Rating With Help Of Grey Scales –
SEMESTER III DIPLOMA PAPER-I : ACCOUNTANCY FOR MERCHANDISERS


References:

1. N.Vinayagam, P.L. Mani, K.L.Nagarajan, Principles Of Accounting
2. Arulanandam & K.S.Raman, Advanced Accounting
3. Gupta & Radhasamy, Advanced Accounting
4. Shukla & T.S. Grewal, Advanced Accounting
5. Maheswari, Management Accounting & Financial Accounting
6. Manmohan & Goyal, Principles Of Management Accounting
7. Jain & Narang, Advanced Cost Accounting
SEMESTER IV CORE-XI TEXTILE WET PROCESSING

Unit – I. Water
Water & Quality Required For Wet Processing Industries - Softening Process: Ion Exchange - Sequestering Agent Methods - Terminology & Terms Related To Textile Industries (Ph, Acid, Base, Oxidation, Reduction) – Role Of Textile Auxiliaries.

Unit – II. Preparatory Process

Unit – III. Dyeing

Unit – IV. Printing

Unit – V. Finishing

References:

1. Technology Of Textile Processing (Vol 1-9) – V.A.Shenai
2. Dyeing And Chemical Technology Of Textile Fibres – E.R.Trotman
SEMESTER IV CORE-XII APPAREL MANUFACTURING TECHNOLOGY

UNIT I: Structure of Clothing Industry:
Introduction to textiles - Process sequence, sectors of apparel industry – Size & Manufacturing structure - various departments and their role - Apparel market Case studies.

Classification of Garments:

UNIT II: Pattern Making:
Concept of Basic Pattern and Grading - Developing Basic Patterns - Pattern Materials & Limitations - Pattern Making Tools - Introduction to Computer Aided Pattern Making and Grading - Case Study on Standard Body Measurements For Different Countries for Men, Women and Children's Clothing and Commercial Patterns - Pattern Defects Causes and Remedies.

UNIT III: Spreading & Cutting:
Process sequence - Marker Planning, drawing and reproduction - Marker efficiency - Lay - Spreading and Methods - Cutting and Cutting Machine Types - Bundling - Case Study on Spreading and Cutting Machines.

UNIT IV: Sewing:

UNIT V: Garment Accessories & Embellishments:

REFERENCES:
3. H.Carr and B.Latham, Technology of Clothing Manufacture
4. Gerry Cooklin, Introduction to clothing Manufacture
5. Jacob Solinger, Apparel Manufactures Hand Book
6. T. Bracken Berry, Knitted clothing Technology.
SEMESTER IV CORE-XIII WOVEN FABRICS AND DESIGNS

UNIT – I

UNIT – II

UNIT – III
Passage of material through a plain power loom – Basic mechanisms of a loom – Primary, secondary & auxiliary motions – Tappet shedding – Cone over pick & under pick mechanisms – Beat up mechanism – Types of let off & take up mechanisms – Fabric defects, causes & remedies.

UNIT – IV

UNIT – V

REFERENCES:

SEMESTER IV CORE-XIV TEXTILE WET PROCESSING - PRACTICAL

1. Estimation of water hardness by EDTA method.
2. Scouring of grey cotton woven / knitted fabrics and estimate the scouring loss percentage.
3. Bleaching the given cotton knitted fabrics using hydrogen peroxide.
4. Dye the given cotton sample with natural dyes.
5. Dye the given cotton sample with cold brand reactive dyes.
6. Dye the given cotton sample with hot brand reactive dyes.
7. Dye the given cotton sample with vinyl sulphone dyes.
8. Dye the given cotton sample with reactive H-E dyes.
9. Dye the given silk material with acid / basic dyes.
10. Dye the given wool material with acid / basic dyes.
11. Dye the given polyester sample using carriers.
13. Develop a batik motif and print on the given sample.
14. Prepare the print paste with pigment colour and print on the given fabric.
15. Print the given fabric with reactive dyes by Resist Style.
16. Prepare the print paste with reactive dyes and print on the given fabric by discharge style.
SEMMSTER IV ALLIED: IV GARMENT CONSTRUCTION PRACTICAL

   Straight And Curves  - Fabric Exercises – Straight Lines, Curves, Squares, Rectangles,
   Triangles And Any Other Unlimited Shapes
2. Get At Least Five Different Stitch And Seam Samples Stitched On Various Machines
   And Furnish The Machine Threading Diagram Along With Stitch Density And Thread
   Consumption Details, For Given Details
3. Developing Seams Of Various Types - Superimpose, Bound, Lap, Piping Etc.
4. Developing Samples Of Components Such As
   h. Round Neck
   i. Scallop Neck
   j. Gents Placket
   k. Ladies Placket
   l. Cross Pocket
   m. Band Collar
   n. Henley Band, etc., (As Per Diagrams And Sketches Also May Be Given)

Draft The Pattern, Cut & Construct The Following Components For The Given Measurement:
1. Different Neck Lines (At Least 3Types)
2. Different Collars (At Least 3 Types)
3. Different Sleeves (At Least 3 Types)
4. Different Plackets (At Least 3 Types)
5. Different Pockets (At Least 3Types)
6. Slits

and develop and construct the following.
1. Men’s Crew Neck / Henley Neck / Raglan Sleeve Shirt
2. Men’s Vest RN / RNS
3. Ladies Skirt
SEMESTER IV DIPLOMA PAPER-II : FASHION MERCHANDISING

UNIT I

UNIT II
Scope of fashion business: Primary level, secondary level and retail level – Type of fashion designers - Fashion focus on Children Apparel: History, organization & operation, merchandising & marketing activities – Fashion focus on Ladies Apparel: History, organization & operation, merchandising & marketing activities

UNIT III
Fashion Focus on Men’s apparel: History, organization & operation, merchandising & marketing activities – Fashion focus on Apparel accessories: History, organization & operation, merchandising & marketing activities – Fashion Forecasting – Forecasting techniques – Sources of forecasting

UNIT IV

UNIT V
Fashion Shows –Types of Fashion Shows – Organising fashion shows – Check points for fashion shows – Foreign Fashion Designers: American, French, Italian, German, UK – Indian Fashion Designers – Fashion Association in India – Fashion Auxiliary services

Reference:
1. Strong Elian, Fashion Merchandising
2. Inside the Fashion Business.. Mc Millan Publishing Co.,
3. Apparel Merchandising
4. Fashion : Concepts to Consumers
SEMESTER V CORE-XV APPAREL PRODUCTION MANAGEMENT

Unit – 1 Human Resource Development


Unit – 2. Plant Engineering & Line Balancing


Unit – 3. Work Study


Unit – 4. Production And Productivity


Unit – 5 Production Planning And Control

Function, Qualitative And Quantitative Analysis Of Production - Coordinating Departmental Activities - Basic Production Systems - Evaluating And Choosing The System - Flow Process And Charts For Garment - Scheduling Calculations - Assigning Operators Optimally - Setting Up Complete Balanced Production Lines To Produce Given Amount Of Garments

References:

1. Technology Of Clothing Manufacture – Carr & Latham
2. Apparel Manufacturers Handbook – Jacob Solinger
3. Introduction To Clothing Manufacture – Gerry Cooklin
4. Introduction To Production Management – A. J. Chuter
5. Personal Management And Industrial Relations – Tripathi
6. Industrial Engineering And Management – OP. Khanna
SEMESTER V CORE-XVI APPAREL MERCHANDISING

UNIT I

UNIT II
Process flow in apparel industry – Buyer sourcing & communication – Enquiry – Order confirmation – order review and its importance – Planning & programming: Master planning, Scheduling or route card – Factors for route card - programming for yarn, knitting, dyeing, stitching, sampling, accessories – Samples: Meaning & importance – Types of samples – expedition of samples

UNIT III
Inspection and its types – Testing – Check points before cutting - Pilot run or trial run and its importance – Approvals - Types of approvals – Shipping marks – Final inspection procedures – Self, Second and Third party inspection - Effective expedition procedures – Order sheet and its contents – Packing list and its contents – Document formats: order sheet, packing list, invoice, inspection and testing reports etc., - Assortment and its types

UNIT IV
Types of merchandiser - Functions of a merchandiser – Essential requisites of a good merchandiser – Vendor sourcing, evaluation and development – Global sourcing – Vendor nomination by buyers – Reasons for vendor nomination – Documents recording and maintenance – Claims and reasons for claims - Factory audits – Buyer’s code of conducts

UNIT V
Export associations – Apparel Export Promotion Council – Journals and magazines related to apparel and textiles –Trade shows and Fairs – Participation in trade shows – Advantages of trade shows and fairs - Apparel & Textile Trade shows and fairs in India –

REFERENCES:
1. Daragho' Reilly, Jullian J. Gibbs, Building Buyer Relationships.
2. Mc Millan Publishing Co., Inside the Fashion Business...
4. Apparel merchandising
5. Apparel Views, Jan’09, “ Apparel Merchandising – The concept of six rights”
SEMESTER V CORE-XVII FASHION ACCESSORIES AND TRIMS - PRACTICAL


2. Sewing Threads And Its Applications – Quality Control In Sewing Thread – Types Of Thread Packages – Embroidery Threads – Quality Requirements – Appliqué Works – Sequence Works, Beads, Crystals & Stones


References:
1. Technology Of Clothing Manufacture – Carr & Latham
2. Apparel Manufacturers Handbook – Jacob Solinger
3. Introduction To Clothing Manufacture – Gerry Cooklin

SEMESTER V CORE-XVIII GARMENT COSTING

Unit – I

Unit – II

Unit - III
Unit – IV
Estimation Of Factory Cost For Vest, Briefs, Shorts, T-Shirts, Pyjamas, Children’s Wear, Ladies Wear Etc.

Unit – V
Various Factors To Be Considered In Costing For Domestic Products & International Products.

Books for Reference:

SEMESTER V DIPLOMA PAPER-III : TOTAL QUALITY MANAGEMENT

UNIT I

UNIT II

UNIT III
Control charts: concepts and uses – Control limits – Control charts for Variables and Attributes: X Charts – R chart – P chart – NP chart – C chart – Acceptance sampling – Types of sampling plans: Single, Double and Multiple Sampling plans – OC curves – AQL and LTPD – Sampling errors and sampling risks – Producer’s risk and Consumer’s risk

UNIT IV

UNIT V

REFERENCES:
1. Dr. S.P.Gupta, “Statistical Methods”
SEMESTER VI CORE-XIX INTERNATIONAL TRADE AND DOCUMENTATION

Unit – I Firm Establishment

Unit – II Foreign Trade Documents

Unit – III. Import Procedure

Unit – IV. Shipment And Customs

Unit – V. Payment And Deliveries

Text Book:
Paras Ram : Hand Book Of Import And Export Procedures.

References:
3. How To Start Export.
4. CBI Booklets – Netherland
5. ECGC Services And Guidelines
6. AEPC Booklets
SEMESTER VI CORE-XX APPAREL RETAILING

UNIT I
Retail & Retailing – Meaning & definition – Scope of apparel retailing – Retailing terminologies – Types of retailers and retail formats – Global retailing scenario – Retailing scenario in India – Functions of retailers

UNIT II
Retail strategies : Operational excellence , Product differentiation, Customer intimacy – Growth strategies – Market expansion strategies – Store planning – Location planning – Store design – Store design & retailing image mix – Space mix – Effective retail space management – Store layout – Floor space management

UNIT III
Retail merchandising – Merchandise planning – Merchandise hierarchy – Buying function – Category management – Mark up & Mark down – Shrinkage in merchandising management – Cross margin return on inventory – Supply chain management in apparel retailing – ERP in apparel industry

UNIT IV

UNIT V

REFERENCES:
2. “Retail management “
3. Retail Merchandising – part I

SEMESTER VI CORE-XXI MERCHANDISING AND MARKETING MANAGEMENT

UNIT I
MANAGERIAL ECONOMICS: Demand – Levels of demand – Demand analysis – Demand forecasting – Cost analysis – Breakeven analysis – Levels of competition: Monopoly, Oligopoly, perfect competition, monopolistic competition
STRATEGIC MANAGEMENT: Meaning & definition – Features of strategic management – Functions, need & importance of strategic management – Formulation of strategy – SWOT analysis
UNIT II
TIME MANAGEMENT: Meaning & principles – Personal, Organisational & Environment factors – Time management strategies & techniques

UNIT III
MARKETING MANAGEMENT:

UNIT IV

UNIT V

Reference:
2. Philip Kotler, “Marketing Mangement”,
3. “Time Mangement”
4. Managerial Economics

SEMESTER VI DIPLOMA PAPER -IV :
EXPORT SAMPLING AND PRODUCT DEVELOPMENT PRACTICAL

Students Will Be Given Export Order Or Export Enquiry And They Are Asked To Design The Samples As Per The Specification Given And Also Prepare A Report Containing The Following Details.

1. Yarn Details & Composition
2. Yarn Consumption Per Garment
4. Size Details
5. Factory Cost Of Garment

(Totally 6 Export Orders & 6 Export Enquiries Related To Following Styles Shall Be Given)

SEMESTER V ELECTIVE I – A : COMPUTER AIDED DESIGNING – PRACTICAL

Part – A

Develop The Patterns For The Following Styles Using Any Cad Software For The Given Measurements And Also Grade The Patterns To Various Sizes And Estimate The Lay Length And Marker Efficiency.

1. Men’s Basic T Shirt
2. Raglan with Pocket
3. Men’s Polo T Shirt
4. Men’s High Neck Shirt
5. Men’s Boxer Short
6. Men’s Bermudas Short
7. Men’s Trouser
8. Men’s Kimono Sleeve
10. Men’s T-Shirt with hood
11. Men’s Inner Garment – Vests RN / RNS
13. Ladies Skirt
14. Ladies Blouse
15. Ladies Basic Bodice
16. Women’s Nighties
17. Kid’s Wear Of Various Styles
18. Children’s Suits And Pyjama

Part – B

Digitize The Given Patterns And Store Them As Style Files And Apply Grade Rules And Estimate The Lay Length And Marker Efficiency

SEMESTER V ELECTIVE I – B : BUSINESS COMMUNICATION

UNIT I

UNIT II
Functions of a business letter - Foreign words used in correspondence – The layout planning – Enquiries and replies – Orders and execution – Credit and status enquiries.

UNIT III
Complaints – Collection letters – Circular – Sales letters - Bank and insurance correspondence – Import and export correspondence - Agency correspondence – Correspondence of a company secretary.

UNIT IV

UNIT V
Agenda and minutes of meeting – Advertisement – Speech making – Interviews- Information technology of the future - Telex - Teleconferencing - Fax-Internet - Multimedia

Reference:
2. Krishna Mohan, Developing communication skills.
3. Champa Tickoo & Jayasasikumar, Writing with a purpose.
4. F.T.wood, A Remedial English Grammar for Foreign Students

SEMESTER V ELECTIVE I – C : FABRIC PRODUCTION AND PROCESSING

UNIT I : FUNDAMENTAL CONCEPTS OF KNITTING
Fabric forming techniques – Comparison of weaving and knitting – Principles and comparison of weft and warp knitting – Classification of weft knitting machines – Terms and definitions in weft knitting – Basic structures and characteristics – Features of modern knitting machine – Study the role of machine elements and knitting elements of multi cam track jersey machine – Knitting cycle of latch needle with sinkers. Fabric faults, causes and remedies.

UNIT II : STUDY OF KNITTED FABRIC STRUCTURES
UNIT III: FUNDAMENTALS OF WOVEN FABRICS & DESIGNS

UNIT IV: PRINCIPLES OF DYEING

UNIT V: PRINCIPLES OF PRINTING & FINISHING
Introduction to printing – Comparison of dyeing and printing – Methods of printing – Study of table screen printing and rotary screen printing methods. Styles of printing – Study of non conventional printing styles employed in garment printing – Principle and working of garment printing machine – Printing ingredients and model recipe formulation. Need and objects of finishing – Classification – Brief study of various mechanical and chemical finishes.

BOOKS FOR REFERENCE:
8. Bernard P. Corbman, Textiles, Fibre to Fabric
SEMESTER VI ELECTIVE II - A : INDUSTRIAL PSYCHOLOGY

UNIT I
Organisational Behaviour: Definition & Meaning – Nature & Scope of OB – Understanding Human behaviour: Individual level, Interpersonal level, Group level, Inter-group level – Perception – Concept of perception – Perceptual process – Factors that influence perception

UNIT II
Personality – Contributing factors to personality – Attitude – Concept of attitude – Distinguish between Attitude, Opinion & Belief – Attitudinal influences on behaviour – Measurement of attitude: Bipolar scale, Thurstone’s scale, Likert’s scale – Motivation – Concept of motivation – Nature & Objective of motivation – Importance of motivation

UNIT III
Group – Concept & characteristics of group – Factors influencing group formation – Types of groups – Group dynamics – Concept & Importance of group dynamics – Advantages & disadvantages of group – Team building – Team building cycle – Leadership – Types of leadership – Traits of a good leader – Conflict: Definition & Meaning – Types of conflict – Managing conflicts

UNIT IV

UNIT V

REFERENCES:
3. Luthans and Fred, “Organisational Behaviour”
5. Industrial Psychology
SEMESTER VI ELECTIVE II - B : BUSINESS FINANCE

Unit – I

Unit – II

Unit – III

Unit – IV

Unit – V

Books for Reference:
1. Essentials of Business Finance – R.M. Sri Vatsava
2. Financial Management – Saravanavel
5. Financial Management – M.Y. Khan and Jain

SEMESTER VI ELECTIVE II - C : BUSINESS ORGANIZATION AND OFFICE MANAGEMENT

UNIT -1


UNIT - II

Location of Business - Factors influencing location, localization of industries- Size of forms, Sources of Finance - Shares, Debentures, Public Deposits, Bank Credit and Trade Credit - Relative Merits and Demerits.
UNIT - III

Stock Exchange - Functions - Procedure of Trading - Functions of SEBI - DEMAT of shares- Trade Association- Chamber of Commerce.

UNIT - IV

Office - Its functions and significance - Office layout and office accommodation - Filing and Indexing

UNIT - V

Office machines and equipments - Data Processing Systems - EDP -Uses and Limitations - Office Furniture.

BOOKS FOR REFERENCE
1. Y.K.Bhushan - Business Organisation and Management - Sultanchand & sons
2. Shukla - Business Organisation and Management - S.Chand & Company Ltd.,
3. Saksena - Business Administration and Management - Sahitya Bhavan
6. J.C.Deneyer- Office Management
7. Chatterjee - Modern Business

SEMESTER VI ELECTIVE III - A : ENTREPRENEURIAL DEVELOPMENT

Unit – I
Concept of entrepreneurship: Definition Nature and characteristics of entrepreneurship – function and type of entrepreneurship phases of EDP. Development of women entrepreneur & rural entrepreneur – including self employment of women council scheme.

Unit – II

Unit – III
Institutional service to entrepreneur – DIC, SIDO, NSIC, SISI, SSIC, SIDCO – ITCOT, IIC, KUIC and commercial bank.

Unit – IV
Institutional finance to entrepreneurs : IFCI, SFC, IDBI, ICICI, TIIC, SIDCS, LIC and GIC, UTI, SIPCOT – SIDBI commercial bank venture capital.
Unit – V
Incentives and subsidies – Subsidied services – subsidy for market. Transport – seed capital assistance – Taxation benefit to SSI role of entrepreneur in export promotion and import substitution.

Books for Reference:
1. Entrepreneurial Development – C.B.Gupta and N.P.Srinivasan
2. Fundamentals of Entrepreneurship and Small Business – Renu Arora and S.KI.Sood
3. Entrepreneurial Development – S.S.Khanka
4. Entrepreneurial Development – P.Saravanavel
5. Entrepreneurial Development – S.G.Bhanushali
6. Entrepreneurial Development – Dr.N.Ramu

SEMESTER VI ELECTIVE III - B: EXECUTIVE BUSINESS COMMUNICATION

Unit – I

Unit – II

Unit – III
Banking Correspondence – Insurance Correspondence – Agency Correspondence.

Unit – IV
Company Secretarial Correspondence (Includes Agenda, Minutes and Report Writing)

Unit – V

Books for Reference:
SEMESTER VI ELECTIVE III - C : TEXTILE ECONOMICS

UNIT I

UNIT II

UNIT III

UNIT IV

UNIT V
FACTOR PRICING – Marginal Productivity theory – Theories of wages, rent, interest and profit.

BOOKS FOR REFERENCE
1. Principles of Economics - Seth M.L.
2. A Text Book of Economic Theory - Stonier and Hague
3. Macro Economics - Jhingan