

INTERNATIONAL COLLEGE FOR GIRLS

SFS, GURUKUL MARG, MANSAROVAR, JAIPUR

DEPARTMENT OF GARMENT PRODUCTION AND EXPORT MANAGEMENT

SCHEME OF EXAMINATION AND COURSES OF STUDY FOR

B.A./B.SC./B.COM. GARMENT PRODUCTION AND EXPORT MANAGEMENT EXAMINATION

- I Semester Examination November 2007**
- II Semester Examination April 2008**
- III Semester Examination November 2008**
- IV Semester Examination April 2009**
- V Semester Examination November 2009**
- VI Semester Examination April 2010**

**Syllabus applicable for the students seeking admission to the B.A./B.Sc./B.Com
Garment Production and Export Management Course in the academic year 2009-10.**

INTERNATIONAL COLLEGE FOR GIRLS

U.G. Programme Six Semester

Session 2007-08

Proposed Schedule for GPEM teaching is:

	Semester	Theory Hrs./Week	Credit	Practical Hrs./Week	Credit	Total
I year	I	4 60 hrs/sem.	4	6 90 hrs/sem.	4	10 hrs/week 150 hrs/sem.
	II	4 60 hrs/sem.	4	6 90 hrs/sem.	4	10 hrs/week 150 hrs/sem.
II year	III	4 60 hrs/sem.	4	6 90 hrs/sem.	4	10 hrs/week 150 hrs/sem.
	IV	4 60 hrs/sem.	4	6 90 hrs/sem.	4	10 hrs/week 150 hrs/sem.
III year	V	4 60 hrs/sem.	4	6 90 hrs/sem.	4	10 hrs/week 150 hrs/sem.
	VI	4 60 hrs/sem.	4	6 90 hrs/sem.	4	10 hrs/week 150 hrs/sem.

COURSE STRUCTURE

B.A. / B.Com. / B.Sc. Garment Production and Export Management

Six Semester Programme

Semester	Paper No.	Paper Code	Nomenclature	Contact Hours/ Sem	Contact Hours /Week	Credits
I	I	GPM – 101	Introduction to Textiles (Theory)	30	2	2
	II	GPM – 102	Business Accounting & Banking (Theory)	30	2	2
	III	GPM – 103	Basics of Sewing (Practical I)	45	3	2
	IV	GPM – 104	Applied Art & Surface Ornamentation (Practical II)	45	3	2
II	I	GPM – 201	Fundamentals of Clothing (Theory)	30	2	2
	II	GPM – 202	Business Management (Theory)	30	2	2
	III	GPM – 203	Pattern Drafting & Sample Making (Practical I)	45	3	2
	IV	GPM – 204	Fabric Study and its Application (Practical II)	45	3	2
III	I	GPM – 301	Apparel Sourcing (Theory)	30	2	2
	II	GP M – 302	Managerial Economics (Theory)	30	2	2
	III	GPM – 303	Garment Making I(Practical I)	45	3	2
	IV	GPM – 304	Fashion Sketching (Practical II)	45	3	2
IV	I	GPM – 401	Fashion Fundamentals (Theory)	30	2	2
	II	GPM – 402	Human Resource Management. (Theory)	30	2	2
	III	GPM – 403	Garment Making II (Practical I)	45	3	2
	IV	GPM – 404	Computer Aided Designing (Practical II)	45	3	2
V	I	GPM – 501	Indian Textiles & Costumes (Theory)	30	2	2
	II	GPM – 502	International Marketing (Theory)	30	2	2
	III	GPM – 503	Garment Making III(Practical I)	45	3	2
	IV	GPM – 504	Home Furnishing and Accessory Designing (Practical II)	45	3	2
VI	I	GPM – 601	Apparel Production (Theory)	30	2	2
	II	GPM – 602	Export Policies & Documentation (Theory)	30	2	2
	III	GPM – 603	Textile Testing (Practical I)	45	3	2
	IV	GPM – 604	Design Studio Practices (Practical II)	45	3	2

INTERNATIONAL COLLEGE FOR GIRLS

B.A./B.Com./B.Sc. Garment Production & Export Management Scheme of Examination

Semester	Paper code	Credits	Time duration per week	Maximum pass Marks	Minimum Marks	Continuous Assessment (30 %)	Semester & Exam (70 %)
I	GPM – 101	2	2	100	36	30	70
	GPM– 102	2	2	100	36	30	70
	GPM– 103	2	3	100	36	30	70
	GPM – 104	2	3	100	36	30	70
II	GPM – 201	2	2	100	36	30	70
	GPM – 202	2	2	100	36	30	70
	GPM – 203	2	3	100	36	30	70
	GPM – 204	2	3	100	36	30	70
III	GPM – 301	2	2	100	36	30	70
	GPM – 302	2	2	100	36	30	70
	GPM – 303	2	3	100	36	30	70
	GPM – 304	2	3	100	36	30	70
IV	GPM – 401	2	2	100	36	30	70
	GPM – 402	2	2	100	36	30	70
	GPM – 403	2	3	100	36	30	70
	GPM – 404	2	3	100	36	30	70
V	GPM – 501	2	2	100	36	30	70
	GPM – 502	2	2	100	36	30	70
	GPM – 503	2	3	100	36	30	70
	GPM – 504	2	3	100	36	30	70
VI	GPM – 601	2	2	100	36	30	70
	GPM – 602	2	2	100	36	30	70
	GPM – 603	2	3	100	36	30	70
	GPM – 604	2	3	100	36	30	70

Note :

- Time duration of Internal tests will be one and half hours
- Home assignments shall be given on descriptive questions.
- Time duration of SEE will be three hours
- Passing percentage in continuous assessment and semester end exam is 36 %
- Time duration for Theory paper is 3 hrs. and Practical is for 4 hrs.

Semester I
Introduction to Textiles

Code: GPM- 101

Credits: 2

Periods/Week: 2

30 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objectives:

- To familiarize the students with terminology related to textiles.
- To impart the knowledge of textile fibres and yarns in terms of their production, properties & manufacturing of fabrics.
- To provide comprehensive knowledge about the concept of dyeing, printing and finishing of textiles.

Course Content:

I Introduction to textile fibre

6 hrs

- Textile Terminology
- Classification of Textile fibres
- Textile fibres – Origin, Properties and Uses
 - Natural fibres – Cotton, Wool, Silk.
 - Regenerated fibres – Rayon.
 - Synthetic fibres – Nylon, Acrylic.

II Fibre to yarn

6 hrs

- Principles of Yarn making: Mechanical and Chemical Spinning.
- Types of Yarns: Simple, Novelty, and Textured Yarns.
- Yarn Twist and Yarn Count.
- Yarn Numbering System.

III Fabric Manufacturing:

6 hrs

- Weaving
 - Essential parts of Loom
 - Different stages in Weaving.
 - Basic weaves (Plain, Twill, Satin)
- Knitting – Warp and Weft Knitting.
- Elementary knowledge of Braiding, Felting and Lacing

IV Fabric finishing

6 hrs

- Importance and classification of finishes.
- Preliminary steps to finishing – Desizing, Scouring and Bleaching.
- Finishing process – Calendaring, Mercerization, Tentering, and Shrinkage.

V Fabric dyeing and printing:

6 hrs

- Classification of Dyes – Natural and Synthetic dyes
- Methods of printing – Block and Screen Printing.
- Styles of printing – Direct, Discharge and Resist

Essential Readings:

1. Corbman, P.B., Textiles Fibre to Fabric, Gregg. Division / Mc Graw Hill. Co, US. 1985
2. Phyllis, G., Tortora. ,Understanding Textiles (2nd Edition), Prentice Hall International, New Jersey, 1987.

Books Recommended:

1. Dhantiyagi, S., Fundamentals of Textiles & their care, Orient Longman limited New Delhi.1996
2. Joseph, M.L., Essentials of Textiles (5th Edition) Holf, Rinecharts and Winston Publication, Florida, 1988.
3. Yates, M., Textiles- A Handbook of Designer, Norton and Company, New York, 1996

Semester I
Business, Accounting and Banking

Code: GPM- 102

Credits: 2

Periods/Week: 2

30 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objective:

To provide an understanding of the principles of accountancy, basic banking and their application in business.

Course Contents

I Nature and Purpose of Business

5 hrs

- Concept and characteristics of business.
- Objects of Business-Economic and Social
- Business Risk-meaning, nature and causes.

II Forms of Business Enterprises

6 hrs

- Meaning, features, merits and limitations of the following forms of Business-
 - Sole Proprietorship
 - Partnership Firm
 - Company (Private and Public)

III Basic Accounting Concepts

5 hrs

- Accounting Principles, Concepts of Conventions
- Journal
- Subsidiary Books

IV Practical accounting

8 hrs

- Ledgers Posting
- Trial Balance
- An introductory knowledge of Trading Account, Profit & Loss Account and Balance Sheet.

V Basic Banking

6 hrs

- Bank- Definition and Functions
- Credit instruments, Bills of Exchange, Promissory note, Cheque- types & Crossing Demand Draft
- A brief study of RBI and NABARD

Essential Readings

1. Chhabra, T. N. & Chhabra, Sandhya., Business Studies, Arya Publications
2. Tulsian, P.C., Business Studies, Ratna Sagar Publications
3. Jain, Khandelwal., Fundamentals of Accountancy, Pareekh, Ramesh Book Depot

Books Recommended:

1. Gandhi, Poonam., Business Studies, Dhampat RAI & Co.
2. Racchana ,M., Business Studies, Jivan Publishing House
3. Grewal ,T.S., Double Entry Book Keeping, Sultan Chand & Sons , New Delhi
4. Tulsian, P.C., Accountancy, Tata McGraw Hill
5. Siddiqui, S.A.,Comprehensive Financial Accounting, Laxmi publications
6. Sharma ,M. C., Bhardwaj , D.K. & Jain D.K., Book Keeping and Accountancy, Ramesh Book Depot, Jaipur .

**Semester I
Basics of Sewing
(Practical I)**

Code: GPM- 103

Credits: 2

Periods/Week: 3

45 hrs

Max.Marks: 100

(CA-30: SEE 70)

Objectives:

1. To understand the use of components of a garment.
2. To give the basic knowledge of various construction techniques.

Course Content:

I	Introduction to Sewing	3 hrs
	<ul style="list-style-type: none">• Machine – Hand, Treadle and Electric motor.• Basic parts of sewing machine and its attachments.• Defects and Remedies of sewing machine.	
II	Taking Body Measurements.	2 hrs
III	Preparation of Fabric before stitching.	2 hrs
IV	Making samples of:	
	<ul style="list-style-type: none">• Basic Hand Stitches 6 hrs<ul style="list-style-type: none">○ Temporary stitches – Basting (Even, Uneven, Diagonal, Slip)○ Permanent stitches – Running stitch, Hemming, Back Stitch, run & fell and Overcasting• Seams and Seam finishes 5 hrs<ul style="list-style-type: none">○ Seams – Top, Slot, Strap, French○ Seams finishes – Pinked, Edge and Bound• Introducing fullness 8 hrs<ul style="list-style-type: none">○ Darts – Decorative and functional○ Tucks – Pin, Cross, Diamond, Scalloped, Grouped and Shell○ Pleats – Knife, Inverted and Box○ Gathers – By hand, machine & Bobbin elastic• Frills or Ruffles 4 hrs<ul style="list-style-type: none">○ Double ruffle & Circular ruffle• Facing and Bindings 3 hrs<ul style="list-style-type: none">○ Necklines• Placket 3 hrs<ul style="list-style-type: none">○ Wrap and projection○ Continuous wrap placket• Pockets 3 hrs<ul style="list-style-type: none">○ Patch, Inseam, Slash pocket• Fastners 3 hrs<ul style="list-style-type: none">○ Hooks, Buttons, Zip• Trimming 3 hrs<ul style="list-style-type: none">○ Lace, Braid, Piping	

Essential Readings:

1. Jindal, Ritu., Handbook of Fashion Designing, Mittal Publication, New Delhi 2005.
2. Kallal, Mary Jo, Clothing Construction, Mc Millan Publishing Company, New York 1985

Books Recommended:

1. Penelope, Cream., The Complete Book of Sewing - A Practical Step by Step Guide to Sewing Techniques, ADK Publishing Book, New York ,1996
2. Jacob, Thomas Anna., The Art of Sewing UBSPD Publishers Distributors Ltd. New Delhi

Semester – I
Applied Art and Surface Ornamentation
(Practical II)

Code: GPM- 104

Credits: 2

Periods/Week: 3

45 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objectives:

1. To impart skill in embroidery & surface ornamentation.
2. To enhance the designing skill and their application on apparel.

Course Content

I	Prepare sample of the following:	10 hrs
	<ul style="list-style-type: none">• Printing – Block, Stencil, Screen• Fabric Painting• Dyeing – Tie & Dye and Batik	
II	Study of basic hand embroidery	10 hrs
	<ul style="list-style-type: none">• Flat – Running, Back, Stem• Looped – Chain, Feather, Button hole• Cross – Simple cross, Herringbone• Knotted – French Knot and Bullion Knot	
III	Machine Embroidery	8 hrs
	<ul style="list-style-type: none">• Running, Round, Satin, Velvet	
IV	Other Ornamentations	9 hrs
	<ul style="list-style-type: none">• Drawn and Pulled Thread Work• Quilting• Patch and Appliqué Work• Bead and Coin Work	
V	Prepare one article using the above-mentioned arts.	8 hrs

Essentials Readings:

1. Crill, Rose. Mary., Indian Embroidery, Prakash Book Depot, New Delhi 1999
2. Dhingra., Embroidery, Dhingra Publishing House 1998.
3. Harmony, Quilting & Patch Work, Lyrics Books Ltd. 1992.
4. Chris, Rankin., Creative Smocking, Contemporary Design Traditional Techniques, Lark Books Asheville 1997.

Books Recommended

1. Reader's Digest, A Complete Guide of Sewing, The Reader's Digest Association Ltd. London.
2. Denner., Creative Quilting for Home Décor, Crown Trade Paperback Publishing 1999
3. Nordan Mary., "Decorative Embroidery" Reader's Digest Association, New York 1997.
4. Singer, Decorative Machine Stitching, CyDeCosse Incorporated Publisher Minnesota 1990.

Semester II
Fundamentals of Clothing

Code: GPM-201

Credits: 2

Periods/Week: 2

30 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objectives:

1. To acquaint students with the knowledge of stitching techniques.
2. To familiarize the various preparatory processes used before stitching.

Course Content

- | | | |
|------------|---|--------------|
| I | Sewing | 6 hrs |
| | <ul style="list-style-type: none">• Common Sewing terms• Equipments and tools used for measuring, drafting, pinning, marking, cutting and sewing.• Sewing machine: Parts and functions, basic operations, defects and remedies | |
| II | Pattern Making | 5 hrs |
| | <ul style="list-style-type: none">• Methods of Pattern Making: Drafting, Flat Pattern and Draping.• Understanding commercial paper patterns. | |
| III | Preparing Fabric for Cutting | 7 hrs |
| | <ul style="list-style-type: none">• Preparation of fabric before cutting. Straightening, Shrinking and Pressing.• Different types of layouts – Crosswise, longitudinal, open and combination.• Layouts on different fabrics, widths and fabric types (directional, checks, strips and bold prints).• Calculation of material required. | |
| IV | Garment Making | 6 hrs |
| | <ul style="list-style-type: none">• Study of interrelationship of needle, thread, stitch length and fabric.• Making up methods of apparel products: Sewing sequence and techniques of making up of various apparel products. | |
| V | Fitting | 6 hrs |
| | <ul style="list-style-type: none">• Factors affecting good fit.• Common problems and remedies for fitting. | |

Essentials Readings:

1. Kallal, Mary Jo., Clothing Construction, Mc Millan Publishing Company, New York, 1985.
2. Penelope, Cream., The Complete Book of Sewing- A Practical step by step Guide to Sewing Techniques, A D.K. Publishing Book, New York, 1996.
3. Armstrong, J., Pattern Making for Fashion Designing (II Edition), Addison- Wesley Publishing Company, New York, 1995.

Books Recommended:

1. Jacob, Thomas. Anna., The Art of Sewing UBSPD Publishers Distributors Ltd., New Delhi
2. Shaeffer, Claire., Sewing for the Apparel Industry, Dave Gajra Publications Upper Saddle River, New Jersey, 2001
3. Lyle, Dorothy S., Contemporary Clothing, Bennett & McKnight Publishing Co., Peroria Illinois, 1983

Semester II
Business Management

Code: GPM-202

Credits: 2

Periods/Week: 2

30 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objectives:

To familiarize students with the basic concepts of management.

Course Content

I Introduction to Management

5 hrs

- Management – Concept, nature and importance of management
- Concept and importance of management principles
- Principles of Management
 - Henry Fayol's principles of management
 - F.W. Taylor's principles of management.

6 hrs

II Planning

6 hrs

- Definition, importance and types of planning
- Planning process
- Concept of MBO (Management By Objectives)

III Organizing

7 hrs

- Concept and Nature
- Types of Organisation - Formal and Informal Organisation
- Organizing Structure (Elementary Knowledge only)

IV Directing

6 hrs

- Direction- Meaning, characteristics, importance
 - Leadership
 - Motivation

V Controlling

- Controlling - Meaning, characteristics, importance, process of controlling, Techniques of controlling (Elementary Knowledge only)

Essentials Readings:

1. Sudha, G. S., Business Management, RBSA Publishers, Jaipur.
2. Naulakha, R. L., Principles of Management, RBD Publishers, Jaipur

Books Recommended:

1. Robin, S.P., Management, Prentice Hall Publications.
2. Stoner, J., Fredman, Gilbert, Management, Prentice Hall of India Pvt. Ltd.
3. Mathew, M. J., Business Management, Shell Sons, Jaipur

Semester– II
Pattern Drafting & Sample Making
(Practical I)

Code: GPM-203

Credits: 2

Periods/Week: 3

45 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objectives:

1. To acquaint the students with the techniques and skills of pattern drafting.
2. To enable students to obtain harmony between the design & drafting of the garment.

Course Content

I Drafting of Basic Blocks

- **Bodice Blocks** **3 hrs**
 - Child's Bodice Block
 - Adult's Bodice Block
- **Sleeve Block** **3 hrs**
 - Child's Sleeve Block
 - Adult's Sleeve Block
- **Basic fitted Skirt Block** **2 hrs**
- **Trouser Block** **2 hrs**

II Adaptations

- Variation of Bodice Block **3 hrs**
- Variation of Sleeves – **4 hrs**
 - Set in Sleeve- Plain, Puff, Flared
 - Sleeve Bodice Combination – Kimono, Magyar,
- Variation of Collars – **4 hrs**
 - Flat and Raised – Cape, Peterpan, Sailor
 - Stand – Chinese, Convertible, Shirt Collar
- Variation of Skirts- A-line, Gathered, Circular (Half and Full) **2 hrs**
- Variation of Trousers – Shorts, Capri, Parallel **2 hrs**

III Sample Making -

- **Sleeves** **6 hrs**
 - Set in – Plain and Puff
 - Sleeves Bodice Combination – Magyar/ Kimono
- **Collars** **6 hrs**
 - Peter pan (Flat and Raised)
 - Convertible Collar
- **Pocket** **4 hrs**
 - Patch Pocket
 - Bound Pocket
- **Zipper Attachment** **4 hrs**
 - Zip with Seam
 - Invisible Zip

Essentials Readings:

1. Reader's Digest., Complete guide of Sewing- The Reader's Digest Association Ltd., London
2. Kallal, Mary Jo., Clothing Construction, Mc Millan Publishing Company , New York 1985
3. Penelope, Cream., The Complete Book of Sewing - A Practical Step by Step Guide to Sewing Techniques , ADK Publishing Book, New York 1996

Books Recommended:

1. Jacob, Thomas Anna., The Art of Sewing UBSPD Publishers Distributors ltd. New Delhi
2. Armstrong, Pattern Making for Fashion Design (II Edition), Adison – Wesely Publishing Company New York 1995.
3. Zarapkar, K. R., System of Cutting, Navneet Publications Ltd. Mumbai.
4. Doongaji, Sherie., Basic Process & Clothing Construction, Unique Educational Books, Raj Prakashan, New Delhi.

Semester II
Fabric Study and its Application
(Practical)

Code: GPM-204

Credits: 2

Periods/Week: 3

45 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objective:

1. The student will be familiarized with the various fabrics and accessories available in the market.
2. The students will be able to understand the basic dimensions of fabric properties.

Course Content

I Collect varieties of fabric and prepare a scrap book of following fabrics 25 hrs

- Cotton fabrics
- Synthetic fabrics
- Woolen fabrics
- Silk fabrics
- Lining and interlinings

Pay special attention to type of fabric, basic weave, yarn count, thread count, use of fabric, general care and its cost.

II Collection and Market survey on various types of accessories 20 hrs

- Buttons
- Laces
- Ribbons
- Buckles
- Braids
- Appliqué

Essentials Readings:

1. Fabric Source & Marketing, Bombay. (Monthly Magazine).
2. Penelope, Cream., The Complete Book of Sewing- A Practical Step by Step Guide to Sewing Techniques ADK Publications Book, New York 1996

Books Recommended:

1. Humphries., Fabric Reference (II Edition), Prentice Hall International, New York 2000.

Semester III
Apparel Sourcing

Code: GPM-301

Credits: 2

Periods/Week: 2

30 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objectives:

1. To create awareness regarding the selection of textiles and apparel.
2. To provide comprehensive knowledge about the selection of suitable fabrics and garments.
3. To develop sensitivity towards readymade garments

Course Content

I	Selection of suitable fabrics and garments for:	7 hrs
	<ul style="list-style-type: none">• Children• Men• Women	
II	Buying Criteria for:	6 hrs
	<ul style="list-style-type: none">• Woven Fabrics• Knitted Fabrics• Lining and Interlinings	
III	Selection Criteria for:	6 hrs
	<ul style="list-style-type: none">• Bed Linens• Table Cover and Table Linens• Towels• Blankets• Curtains and Carpets	
IV	Selection of dresses according to:	6 hrs
	<ul style="list-style-type: none">• Age• Figure type• Personality• Occasion• Occupation	
V	Selection of Readymade Garments	5 hrs
	<ul style="list-style-type: none">• Selection criteria for Readymade Garments.• Advantages and Disadvantages of buying Readymade Garments.	

Essentials Readings:

1. Kefgan, Mary., Individuality in clothing and personal appearance: A guide for consumer, The McMillan Company, New York, 2005
2. Gupta , Sushma & Garg ,Neeru , Text Book of Clothing & Textile, Kalyani Publisher, New Delhi.

Books Recommended:

1. Horn, Marilyn. J., The Second Skin(3rd Edition), University of Nevada, 2000
2. Erwin., Clothing for Moderns, McMillan Press Ltd., London, 2000

Semester – III
Managerial Economics

Code: GPM-302

Credits: 2

Periods/Week: 2

30 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objectives:

To acquaint the student with concept & techniques used in micro economic theory and enable them to apply this knowledge in business decision making.

Course Content

I

6 hrs

- Nature and Scope of Managerial Economics
- Micro and Macro; Cardinal and Ordinal approach- meaning and difference
- Utility: Meaning, features, total and marginal utility
- Demand, Law of demand

II

6 hrs

- Direct and derived demand, joint demand, composite demand.
- Supply and supply curve.
- Market equilibrium: determination of equilibrium price and output using demand and supply curves.
- Types of demand-price, income and cross
- Price elasticity of demand: meaning, degrees and factors affecting elasticity

III

6 hrs

- Cross elasticity of demand: meaning and degree.
- Income elasticity of demand: meaning and degree.
- Demand forecasting: meaning, characteristics, objectives, steps, factors affecting, features of a good forecasting method and limitations of demand forecasting.

IV

6 hrs

- Cost: Accounting and economic, fixed and variable, private and social.
- Short run cost curves.
- Revenue: Total, Average and Marginal
- Objectives of a Business firm.
- Equilibrium of a firm: TR-TC and MR-MC approach.
- Meaning of production function, basic difference between short run and long run production functions

V

6hrs

- Market: meaning, features, classification (area, time, competition) factors affecting market.
- Characteristics of perfect competition, monopolistic competition, oligopoly, duopoly, monopoly.

Essentials Readings:

1. Mathur, N. D., Business Economics, Shivam Publication, Jaipur
2. Seth, M. L., Micro Economics, Laxmi Narayan Agarwal, 1996
3. Somdeo., Business Economics, RBD Jaipur

Books Recommended:

1. Dwivedi, N. D., Managerial Economics, Vikas Publishing House
2. Yadav & Vyas., Business Economics, RBS Jaipur

Semester – III
Garment Making – I
(Practical I)

Code: GPM-303

Credits: P 2

Periods/Week: 3

45 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objectives:

To impart in-depth knowledge of style reading, pattern making and garment construction techniques for children.

Course Content

I Drafting, adaptation and stitching of the following children garments using appropriate construction techniques for:

- A- Line Frock / Gathered Frock / Umbrella **20 hrs**
- Bu-Shirt **25 hrs**

Essentials Readings:

1. Jindal, Ritu., Handbook of Fashion Designing, New Mittal Publications, New Delhi 2005.
2. Gillian, Holman., Pattern Cutting Made Easy: A Step by Step Introduction, BSP, ISBN 1997
3. Natalie, Bray., More Dress Pattern Designing, 4th edition, BSP, ISBN, 1997
4. Armstrong, J., Pattern Making for Fashion Design (II Edition), Adison, Wesely Publishing Company 1995.

Books Recommended:

1. Zarapkar, K. R., System of Cutting, Navneet Publications Ltd., Mumbai.
2. Doongaji , Sherie., Basic Process & Clothing Construction, Unique Educational Books, Raj Prakashan, New Delhi.
3. Jewel, R., Encyclopedia of Dress Making, A.P.H. Publishing Corporation, Delhi.

Semester –III
Fashion Sketching
(Practical II)

Code: GPM-304

Credits: 2

Periods/Week: 3

45 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objectives:

1. To equip with the technique of drawing various features of dresses.
2. To focus on design details & rendering techniques using different mediums.
3. To enhance the creative skill of drawing, sketching & rendering prints and textures

Course Content

- | | |
|---|---------------|
| 1. Introduction to ideal body proportions | 6 hrs |
| 2. Developing croqui from block figure | 6 hrs |
| 3. Sketches related to different types of | 12 hrs |
| <ul style="list-style-type: none">• Necklines• Sleeves• Collars• Yokes• Pockets• Skirts and Pants• Drawstring & Fastenings• Frills, Tucks, Gathers, & Pleats | |
| 4. Representing color wheel and colour schemes. | 5 hrs |
| 5. Rendering different fabrics with their prints and textures. | 8 hrs |

Essentials Readings:

1. Drudi, Elisabetta., Figure Drawing for Fashion Design Course, The Pepin Press Singapore, 2003.
2. Abling, Bina., Fashion Sketch Book, Parson School of Design and Fashion Institutes of Technology, Fair Child Publications, New York, 1994

Books Recommended:

1. Tatham, Caroline., Fashion Design Drawing, Thames & Hudson Ltd., London ,2003.
2. Packer ,William., Fashion Drawing in Vogue, Thames & Hudson Ltd., London ,1989.
3. Seaman, Allen ., Fashion Drawing – The Basic Principle, B.T. Bats ford Ltd., London, 2005.

Semester IV
Fashion Fundamentals

Code: GPM-401

Credits: 2

Periods/Week: 2

30 hrs

Max.Marks: 100

(CA-30: SEE 70)

Objectives:

1. To learn appropriate Fashion terminology.
2. To gain knowledge of the Fashion business.

Course Content

I	Fashion Concept	6 hrs
	<ul style="list-style-type: none">• Definition of fashion.• Fashion terminology.• Fashion Theory.• Principles of Fashion.• Fashion Cycle	
II	Fashion information & forecasting	6 hrs
	<ul style="list-style-type: none">• Sources of Fashion information.• Techniques of Fashion forecasting.• Factors favoring and retarding change in fashion.	
III	Creating Fashion	6 hrs
	<ul style="list-style-type: none">• Elements of Design: Line, Form, Colour and Texture.• Principles of Design: Balance, Rhythm, Emphasis, Proportion and Harmony.• Coordinating fabric and design: Basic structural features and their utilization.	
IV	Indian Fashion Industry	6 hrs
	<ul style="list-style-type: none">• Indian traditional designs and its impact on fashion• Role of Designers in Apparel Industry.	
V	Fashion Merchandising	6 hrs
	<ul style="list-style-type: none">• Merchandising Concepts.• Responsibilities of a merchandiser• Functions of merchandising division: Planning, Controlling and Executing.	

Essentials Readings:

1. Stone, Elaine & Jean, A., Samples, Fashion Merchandising, McGraw Hill, New York
2. Hindol, Sen Gupta., Indian Fashion, Pear Son Education, Delhi ,2005
3. Black, Anderson J., A History of Fashion Orbis Publication Ltd., London ,1985
4. Stephens, Gini., Fashion Concept to Consumer, Prentice Hall International, New Jersey, 1999

Books Recommended:

1. Solinger ,Jacob., Apparel Manufacturing Handbook, VanNostrand Reinhold Company 1980
2. Hudson, Peyton B., Guide to Apparel Manufacturing, Blackwell Scientific Publications 1988
3. Sodhia, Manmeet., History of Fashion Kalyani Publishers, New Delhi
4. Abing, Bina ., Fashion Merchandising; An Introduction, McGraw Hill Book Company ,New York,1985

Semester IV
Human Resource Management

Code: GPM-402

Credits: 2

Periods/Week: 2

30 hrs

Max. Marks: 100

(CA-30: SEE 70)

Objective:

To familiarize students with the various facts of managing people in the organization

Course Content

- | | | |
|------------|--|--------------|
| I | Human Resource management | 4 hrs |
| | <ul style="list-style-type: none">• Concept, Scope, Role of HRM• Functions of HR Manager | |
| II | Human Resource Planning | 4 hrs |
| | <ul style="list-style-type: none">• Concept, Objectives, Importance• Process of Human Resource Planning and Limitations | |
| III | Recruitment, Selection and Placement | 6 hrs |
| | <ul style="list-style-type: none">• Meaning of Recruitment, Process of Recruitment, Sources of Recruitment• Meaning of Selection, Process of Selection, Selection test and Interview (types)• Concept of placement | |
| IV | Training and Development | 7 hrs |
| | <ul style="list-style-type: none">• Concept, importance• Methods of Training and Development | |
| V | Wage and Salary Administration | 9 hrs |
| | <ul style="list-style-type: none">• Factors affecting Wages• Methods of Wage Payment –Time, Ratio, Piece Rate, Balance Method (Basic introduction only)• Fringe Benefits –concept, objectives, and types | |

Essentials Readings:

1. Sudha G.S., Human Resource Management, RBD, Jaipur
2. Gupta, C.B., Human Resource Management, Sultan Chand & Sons, New Delhi.

Books Recommended:

1. Ashwatthapa ,K., Human Resource Management, Tata McGraw Hill New York
2. Mamoria ,C. B., Personnel Management, Himalaya Publications.

Semester – IV
Garment Making – II
(Practical I)

Code: GPM-403

Credits: 2

Periods/Week: 3

45 hrs

Max.Marks: 100

(CA-30: SEE 70)

Objective:

To impart in-depth knowledge of pattern making and garment constructions techniques for ladies garment.

Course Content

1. Preparation of adult bodice, sleeve and skirt block
2. Draft, adapt and stitch following garments using appropriate techniques-
 - Skirt-tired / A-line / Umbrella **10 hrs**
 - Sari Blouse **10 hrs**
 - Casual and formal suit **25 hrs**

Essentials Readings:

1. Jindal, Ritu., Handbook of Fashion Designing New Mittal Publications, New Delhi, 2005.
1. Gillian, Holman., Pattern Cutting Made Easy: A step by step Introduction, BSP,ISBN ,1997
2. Natalie, Bray., More Dress Pattern Designing, 4th edition, BSP,ISBN ,1997
3. Armstrong, J., Pattern Making for Fashion Design (II Edition), Adison, Wesely Publishing Company, 1995.
4. Zarapkar, K. R., System of Cutting, Navneet Publications Ltd., Mumbai.

Books Recommended:

1. Doongaji, Sherie., Basic Process & Clothing Construction, Unique Educational Books, Raj Prakashan, New Delhi.
2. Jewel, R., Encyclopedia of Dress Making, A.P.H. Publishing Corporation, Delhi.

Semester IV
Computer Aided Designing
(Practical II)

Code: GPM-404

Credits: 2

Periods/Week: 3

45 hrs

Max.Marks: 100

(CA-30: SEE 70)

Objective:

To acquaint the students with the knowledge of CAD.

Course Content

- | | |
|---|---------------|
| 1. Drawing flat working sketches for apparel | 8 hrs |
| 2. Drawing of specification sheet incorporating design details, measurements, sourcing, costing, swatches of embellishments and construction details. | 7 hrs |
| 3. Introduction to various tools used in Corel Draw | 5 hrs |
| 4. Prepare computer sketches on each of the following themes specify sourcing, costing, swatches of embellishments and construction details. | 25 hrs |
| <ul style="list-style-type: none">• Casual wear• Formal wear• Winter wear• Sports wear• Night wear• Party wear | |

Essentials Readings:

1. Stephen, Gray., CAD/ CAM in Clothing & Textiles, Gower Publishing Ltd., ISBN 1998.
2. Aldrich, W., CAD in Clothing & Textiles, Blackwell Science 2nd edition, ISBN 1992.

Books Recommended:

1. Jacob, Solinger., Apparel Manufacturing Handbooks, Van no Strand & Reinhold Company, ISBN 1980
2. Chase, R.B., CAD for Fashion Designing, Prentice Hall International, New Jersey 1997.

Semester V
Indian Textiles & Costumes

Code: GPM-501

Credits: 2

Periods/Week: 2

30 hrs

Max.Marks: 100

(CA-30: SEE 70)

Objectives:

1. Identify special features of the traditional textiles.
2. To provide comprehensive knowledge about the concept of dyeing, printing and finishing of textiles.

Course Content

I Decorative Motifs

5 hrs

- Importance of textiles in historical perspective: Early fibers and its products.
- Detailed study of decorative motifs on textiles.
- Decoration through symbolism and ornamentation.

II Hand Embroidery

6 hrs

- Origin, material used, techniques employed, designs and colours in Kashmir (Kashida), Punjab (Phulkari), Uttar Pradesh (Chikankari), Bengal (Kantha) Gujarat (Kutch embroidery) and Karnataka (Kasuti).

III Dyeing and Printing

5 hrs

- Study with reference to styles employed, designs incorporated, effects achieved in dyeing.
 - Resist dyeing: Bandhani of Rajasthan and Gujarat.
 - Yarns resist dyeing-Gujrat and Andhra Pradesh.
- Printing styles and methods in centers of Gujrat and Rajasthan.

IV Woven Textiles

7 hrs

- Study of following with reference to origin textures achieved, colours and designs.
- Cottons: Muslim and Jamdani of Bengal
 - Silk: Brocades of Varanasi (Kinkhabs Himru and Amru), Bengal (Baluchar)
 - Woolens: Shawls of Kashmir and Himachal Pradesh.

V Indian Costumes

7 hrs

- Study of costumes through ages in relation to art and fabric, foot wear head dresses and other accessories during the following period.
 - Indus Valley
 - Mauryan and Sunga Period
 - Kushan Period.
 - Gupta Period.
 - Mughal Period.
 - British Period.
 - Contemporary Period

Essentials Readings:

1. Alkazi, Roshen., Ancient Indian Costumes - Art Heritage, National Book Trust, New Delhi, 2003
2. Racinet, Albert., Historical Encyclopedia of Costumes, Studio Editions, England
3. Jamila, Brij Bushan., Costumes & Textiles of India, Art Heritage, New Delhi
4. Paine., Embroidered Textiles, Thames & Hudson Ltd., London. 1999

Books Recommended:

1. Parul, B., Traditional Indian Textiles, Abhishek Publications, Chandigarh.
2. Das, Shulka., Fabric Art-Heritage of India, Abhinav Publications New Delhi, 1992.
3. Yates, M., Textiles- A Handbook for Designers Norton and Company, New York, 1996.
4. Singh, M., Sarees of India, Wiley Eastern Ltd. New Delhi, 1995
5. Bhandari., Costume, Textiles & Jewellery of India, Prakash Book Depot, New Delhi 2004.

-

Semester V
International Marketing

Code: GPM-502

Credits: 2

Periods/Week: 2

30 hrs

Max.Marks: 100

(CA-30: SEE 70)

Objectives:

1. To give students an in-depth knowledge of international marketing
2. To familiarize with the business environment and the students should be able to analyze the various strategies adopted by exporters while positioning their product globally.

Course Content

I International Marketing: 7 hrs

- Nature and Scope
- International Marketing Vs Domestic Marketing
- Importance of International Marketing
- Problems and Challenges of International Marketing

II Market Entry Strategies 6 hrs

- Licensing
- Franchising
- Exporting
- Turnkey Contracts, Joint Venture, Mergers and Acquisition
- Direct and Indirect Exporting

III Product Planning & Development 5hrs

- Product Planning
- Product Line and Mix
- Product Life Cycle
- Product Mix Decisions

IV International Pricing 6 hrs

- Pricing Objectives
- Factors Influencing Pricing
- Process of Determination
- Inco Terms.

V Physical Distribution 6 hrs

- Meaning, Characteristics of Channels of Distribution
- Types of Export Channels of Distribution
- Factors affecting Logistics or Physical Distribution
- Promotion of Products
- Promotion Mix, Components and Decisions

Essentials Readings:

1. Bhattacharyya, Varshney., International Marketing, Sultan Chand & Sons New Delhi.

Books Recommended:

1. Kothari, Rajesh., International Marketing, RBD Jaipur
2. Vasudeva, P. K., International Marketing, Excel Books, New Delhi.

Semester – V
Garment Making –III
(Practical I)

Code: GPM-503

Credits: 2

Periods/Week: 3

45 hrs

Max.Marks: 100

(CA-30: SEE 70)

Objective:

To impart in-depth knowledge of style reading, pattern making and garment constructions techniques for Gents clothing.

Course Content

- | | |
|--|---------------|
| 1. Draft and Construct the following Male garments - | |
| • Bu – Shirt | 10 hrs |
| • Bengali Kurta and Payjama | 15 hrs |
| • Night Suit | 20 hrs |

Essentials Readings:

1. Jindal, Ritu., Handbook of Fashion Designing, New Mittal Publications, New Delhi, 2005.
2. Gillian, Holman ., Pattern Cutting Made Easy, BSP,ISBN ,1997
3. Natalie, Bray., More Dress Pattern Making , BSP,ISBN ,1986
4. Armstrong, J., Pattern Making for Fashion Design (II Edition), Adison- Wesely Publishing Company, 1995.
5. Zarapkar, K.R., System of Cutting, Navneet Publications Ltd., Mumbai.

Books Recommended:

1. Doongaji, Sherie., Basic Process & Clothing Construction, Unique Educational Books, Raj Prakashan, New Delhi.
2. Jewel, R., Encyclopedia of Dress Making, A.P.H. Publishing Corporation, Delhi.

Home Furnishing and Accessory Designing (Practical II)

Code: GPM- 504

Credits: P 2

Periods/Week: 3

45 hrs

Max.Marks: 100

(CA-30: SEE 70)

Objective:

To develop professional approach towards home furnishing and accessory designing

Course Content

- Introduction and identification of home furnishing
- Sourcing of fabrics and trimmings
- Creating patterns
- Construction with application of any value addition for **25 hrs**
 - Cushion Covers
 - Bed Spreads with Pillow Covers
 - Table Covers / Table Runners
 - Wall Panel

II Design and construct following accessories according to the latest trend 20 hrs

- Head Gears (Caps , Hats , Hairbands, Scarves)
- Belts
- Bags/Purse/ Mobile Covers

Use different types of materials as beads, cords, crochet, thread, furs, leather, jute, canvas, ribbons, sequins, felts etc.

Essentials Readings:

1. Mulari, Mary., Accessories with style, Krause Publications, Lola West Indies, 2001.
2. Cargil, Kartn., Cushion: Soft furnishing Work books, Ryland Peters & Small Publishers, London ,1996.

Books Recommended:

1. Black, Jill., Cushion and Covers, Ward Lock Wellington House London, 1995.
2. Roongta, Arun., Home Fashion India, Apparel Export Promotion Council, Delhi, 2001.

Semester VI
Apparel Production

Code: GPM-601

Credits: T 2

Periods/Week: 2

30 hrs

Max.Marks: 100

(CA-30: SEE 70)

Objectives:

To enable students to give knowledge of apparel production in various stages of manufacturing

To introduce the concept and importance of quality control

To understand the importance of standards and labels in an apparel industry

Course Content

Unit I

6hrs

- **Cutting department**
 - Machinery
 - Fabric laying
 - Marker preparation
 - Sorting
 - Numbering and bundling
- **Fusing department**
 - Importance and selection of fusing
 - Fusing methods and Machinery

Unit II

6hrs

- **Production department**
 - Selection of production system
 - Production planning
 - Different types of sewing machines
 - Parts and functions of following sewing machines:
 - Single lock machine
 - Double needle
 - Over lock
 - Button hole
 - Buttoning
 - Formation of stitch- Types of stitches and seams
 - Attachment used in sewing machine

Unit III

7hrs

- **Laundry Department**
 - Principles and methods of application of laundry
 - Role of water hardness and its removal
 - Laundry aids: soaps, detergents, bleaches, stain removers, whiteness and stiffening agents

- **Finishing and pressing department**
 - Machinery and equipments
- **Packing department**
 - Packing material and boxing

Unit IV

5hrs

- **Quality control**
 - Definition of quality
 - Importance of quality assurance
 - Seven tools of quality
 - Consumer's perception of quality
 - Quality assurance in raw material, pattern and fit

Unit V

6hrs

- **Standards**
 - Benefits of standards
 - Levels of standards
 - Sources of standards
- **Care labeling**
 - Importance, terminology, symbols and usage
 - International care labeling system
 - Eco labeling

Essentials Readings:

1. Solinger, Jacob., Apparel Manufacturing Handbook, VanNostra and Reinhold Company, 1980.
2. Amita, A. Stamper, Sue Humphries Stamp., Evaluating Apparel Quality, Fairchild publications, New York, 1986
3. Clarie Shaeffer, Sewing for the Apparel Industry, Prentice Hall, New Jersey, 2000
4. Stephens, Gini., Fashion Concept to Consumer, Prentice Hall International, New Jersey, 1999

Books Recommended:

1. Peyton, B., Hudson, Guide to Apparel Manufacturing, Blackwell Scientific Publications, 1988.

Semester VI
Export Policies & Documentation

Code: GPM-602

Credits: 2

Periods/Week: 2

30 hrs

Max Marks: 100

(CA-30: SEE 70)

Objectives:

To give exposure to the procedures and documents involved in International Trade (Export- Import) activities.

Course Content

- | | | |
|------------|--|--------------|
| I | Basic steps in Export Management | 7 hrs |
| | <ul style="list-style-type: none">• Factors and Decisions Regarding Export Market• Selection of Export Market• Product Planning for Export Market• Selection of Trade (Export) Method• Pricing• Determination of Credit Policies• Promotion• Decision Regarding Distribution Channels | |
| II | Export-Import Procedure | 5 hrs |
| | <ul style="list-style-type: none">• Export Procedure• Import Procedure• Study of latest Exim Policy• Cost Factors of Export-Imports Goods | |
| III | Documentation in Foreign Trade | 7 hrs |
| | <ul style="list-style-type: none">• Commercial Invoice• GR Form• Letter of Credit• Bill of Exchange• Shipping Bill• Marine Insurance Policy• Bill of Lading• Mate's Receipt• Certificate of Origin• Packing List and Note• Others | |
| IV | Institutional Set-up for Export Promotion | 5 hrs |
| | <ul style="list-style-type: none">• EIC• EIA• DGFT• IIFT | |

V Export Credit and Finance

6 hrs

- Importance
- Methods and Sources of Export Credit and Finance
- Short Tem Credit-sources
- Medium and Long Term Credit and Finance
- Methods and Terms of Payment in International Marketing
- A brief study of ECGC and Exim Bank

Essential Readings:

1. Kothari, Rajesh., International Marketing, RBD Jaipur.
2. Mathur, S. K., International Finance & Foreign Trade, Shivam Publications Jaipur

Books Recommended:

1. Bhattacharya, Varshney., International Marketing Management, Sultan Chand & Sons, New Delhi.

**Semester VI
Textile Testing
(Practical I)**

Code: GPM- 603

Credits: 2

Periods/Week: 3

45 hrs

Max.Marks: 100

(CA-30: SEE 70)

Objectives:

1. To develop and understand methods and techniques used to analyze textile fibre, yarn and fabric properties for end use performance.
2. To introduce the various testing methods for quality assurance.

Course Content

Determine the following quality test on different fabric and apparels.

- | | |
|--|--------------|
| • Determination of yarn count and yarn twist. | 5 hrs |
| • Determination of yarn slippage of various fabrics. | 8 hrs |
| • Yarn strength | 4 hrs |
| • Fabric count and balance of fabric. | 6 hrs |
| • Fabric thickness | 2 hrs |
| • Color fastness. | 6 hrs |
| • Crease recovery/ Drape. | 6 hrs |
| • Dimensional changes due to laundering, dry- cleaning, steaming and pressing. | 8 hrs |

Essentials Readings:

1. Grover & Hornby. , Handbook of Textile Testing & Quality Control ,Wiley Eastern ltd., New Delhi
2. Shinkle, B., Textile Testing –Physical ,Chemical & Mechanical , Publishing Co. Inc.Brooklyn, New York

Books Recommended:

1. Booth , J.E., Principles of Textile Testing ,Chemical Publishing Co. Inc ,New York,1997
2. Jerney A. Rosenau & David L., Wilson, Apparel Merchandising, Fairchild Publications Inc. New York

**Semester VI
Design Studio Practices
(Practical II)**

Code: GPM-604

Credits: 2

Periods/Week: 3

45 hrs

Max Marks: 100

(CA-30: SEE 70)

Objective

To acquaint with the knowledge and techniques required in creating designs for an export order

Course Content

Develop various prototypes for a dress for an export house incorporating the skills learnt during the course with emphasis on value addition. The students will be required to submit the report after working with the details of an export order.