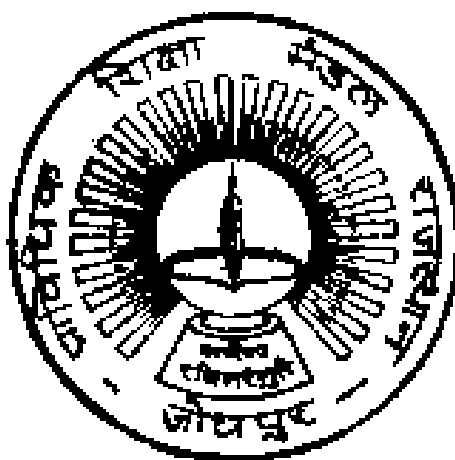


GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN
JODHPUR

SEMESTER SCHEME-2020-21

(SESSION 2021-2022 & ONWARDS)



TEACHING AND EXAMINATION SCHEME
AND SYLLABUS

FASHION DESIGN

(FS)

.....
Curriculum Development Cell
Board of Technical Education, Rajasthan
W-6 Residency Road,
Jodhpur

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA I SEMESTER (FASHION DESIGN) (FS)
SESSION 2020-2021& ONWARDS

Subject Code	Subject	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks	Credits
		Hours per week				End Semester Exam.				Internal Assessment				
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)		
*FS 1001	Communication Skills in English-I	1	--	--	1	60	3	--	--	40	--	--	100	1.0
*FS 1002	Computer Applications-I	2	--	--	2	60	3	--	--	40	--	--	100	2.0
§FS 1003	Apparel machinery and Equipments	3	1	--	4	60	3	--	--	20	20	--	100	4.0
§FS 1004	Drafting & Garment Construction-I	2	--	--	2	60	3	--	--	40	--	--	100	2.0
§FS 1005	Market Research & Analysis Lab	--	--	3	3	--	--	40	--	--	--	60	100	1.5
§FS 1006	Fashion Illustrations-I Lab	--	--	5	5	--	--	40	6	--	--	60	100	2.5
§FS 1007	Basic Sewing Techniques-I	--	--	3	3	--	--	40	6	--	--	60	100	1.5
*FS 1008	Communication Skills in English-I Lab	--	--	2	2	--	--	40	3	--	--	60	100	1.0
*FS 1009	Computer Applications-I Lab	--	--	3	3	--	--	40	3	--	--	60	100	1.5
§FS 1010	Drafting & Garment Construction-I Lab	--	--	8	8	--	--	40	6	--	--	60	100	4.0
*FS1111	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2.0
	Students Centered Activities	--	--	2	2	--	--	--	--	--	--	--	--	-
	Total	8	1	27	36	240		240		140	20	460	1100	23.0
Grand Total												1100	23.0	

1. L : Lecture
2. T : Tutorial
3. P : Practical
4. TH : Marks for End Semester Exam for Theory
5. PR : Marks for End Semester Exam for Practical
6. CT : Marks for class tests (Internal Assessment)
7. TU : Marks for tutorials (Internal Assessment)
8. PR(S) : Marks for practical and viva (Internal Assessment)

1. *FS 1001,*FS 1002, *FS 1008 , * FS 1009 and *FS1111 are same in all Branches of Non Engineering.

2. §FS 1003, §FS 1004, §FS 1005 , § FS 1006, §FS 1007 and §FS1010 are same as in CD 1003, CD 1004, CD 1005 , CD 1006, CD 1007 and CD1010 respectively

Two weeks Induction Programme for students to be offered right at the start of First Semester.

Induction Programme includes 1. Creative Arts 2. Universal Human Values 3. Literary 4. Proficiency Modules 5. Lectures by Eminent Persons 6. Visits to City / Nearby Industries 7. Familiarization to Department / Branch / Exhibition room.

Anandam (Joy of Giving): In addition to the practical of one hour every week, students will have to do activities at home and college after college hours * **Students Centered**

Activities include 1. Expert lectures/ practice sessions on technical topics of common interest 2. Personality development 3. Human values

4. Industrial visits 5. Art of living 6. Environmental issues 7. Quiz programs 8. Interview techniques 9. Greening and cleaning of campus etc.

Student Centered Activities will be graded as A, B, C & D on the basis of attendance and interest of the student in learning.

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA II SEMESTER (FASHION DESIGN) (FS)
SESSION 2020-2021 & ONWARDS

Subject Code	Subject	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks	Credits
		Hours per week				Board's Exam.			Sessionals					
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU	PR(S)		
*FS 2001	Communication Skills in English-II	1	--	--	1	60	3	--	--	40	--	--	100	1.0
*FS 2002	Computer Applications-II	2	--	--	2	60	3	--	--	40	--	--	100	2.0
[§] FS 2003	Basics of fashion	3	1	--	4	60	3	--	--	20	20	--	100	4.0
[§] FS 2004	Drafting & Garment Construction-II	2	--	--	2	60	3	--	--	40	--	--	100	2.0
[§] FS 2005	Surface Ornamentation Lab	--	--	4	4	--	--	40	6	--	--	60	100	2.0
[§] FS 2006	Fashion Illustrations-II Lab	--	--	4	4	--	--	40	6	--	--	60	100	2.0
[§] FS 2007	Basic Sewing Techniques-II Lab	--	--	3	3	--	--	40	6	--	--	60	100	1.5
*FS 2008	Communication Skills in English-II Lab	--	--	2	2	--	--	40	3	--	--	60	100	1.0
*FS 2009	Computer Applications-II Lab	--	--	3	3	--	--	40	3	--	--	60	100	1.5
[§] FS 2010	Drafting & Garment Construction-II Lab	--	--	8	8	--	--	40	6	--	--	60	100	4.0
*FS 2111	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2.0
	Students Centered Activities	--	--	2	2	--	--	--	--	--	--	--	--	-
	Total	8	1	27	36	240		240		140	20	460	1100	23.0
Grand Total :												1100	23.0	

1. L : Lecture
2. T : Tutorial
3. P : Practical
4. TH : Marks for End Semester Exam for Theory
5. PR : Marks for End Semester Exam for Practical
6. CT : Marks for class tests (Internal Assessment)
7. TU : Marks for tutorials (Internal Assessment)
8. PR(S) : Marks for practical and viva (Internal Assessment)

1. *FS 2001, *FS 2002, *FS 2008, *FS 2009 and *FS 2111 are same in all Branches of Non Engineering.

2. [§]FS 2003, [§]FS 2004, [§]FS 2005, [§]FS 2006, [§]FS 2007 and [§]FS 2010 are same as in CD 2003, CD 2004, CD 2005, CD 2006, CD 2007 and CD 2010 respectively

Anandam (Joy of Giving): In addition to the practical of one hour every week, students will have to do activities at home and college after college hours.

Student Centered Activities include 1. Expert lectures/ practice sessions on technical topics of common interest 2. Personality development 3. Human values

4. Industrial visits 5. Art of living 6. Environmental issues 7. Quiz programs 8. Interview techniques 9. Greening and cleaning of campus etc.

Student Centered Activities will be graded as A, B, C & D on the basis of attendance and interest of the student in learning.

NOTE: Students will go for one month (24 Working Days) Summer Internship in the Summer Vacations after Second Semester. The Assessment of the Summer Internship will be done in Third Semester.

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA **III SEMESTER (FASHION DESIGN) (FS)**
SESSION 2021-2022 & ONWARDS

SubjectCode	Subject	Distribution of Time				Distribution of Max. Marks/ Duration						Total Marks	Credits	
		Hours per week				End Semester Exam.			Internal Assessment					
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU/Assi.			PR(S)
*FS 3001	Environmental Studies-I	2	--	--	2	60	3	--	--	20	20	--	100	2.0
FS 3002	Fundamentals of Textiles-I	4	--	--	4	60	3	--	--	20	20	--	100	4.0
FS 3003	Fashion Theories-I	3	--	--	3	60	3	--	--	20	20	--	100	3.0
FS 3004	Pattern Development & Apparel Construction-I	3	--	--	3	60	3	--	--	20	20	--	100	3.0
FS 3005	Fashion Illustration & Presentation Techniques -I Lab	--	--	4	4	--	--	40	6	--	--	60	100	2.0
FS 3006	Surface Embellishment-I Lab	--	--	5	5	--	--	40	6	--	--	60	100	2.5
FS 3007	Fundamentals of Draping-I Lab	--	--	3	3	--	--	40	6	--	--	60	100	1.5
FS 3008	Pattern Development & Apparel Construction-I Lab	--	--	7	7	--	--	40	6	--	--	60	100	3.5
*FS 3009	Environmental Studies-I Lab	--	--	2	2	--	--	40	--	--	--	60	100	1.0
FS 3010	Summer Internship-I(4 Weeks after II Semester)	--	--	--	--	--	--	100	--	--	--	--	100	2.0
*FS 3333	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2.0
	Students Centered Activities	--	--	2	2	--	--	--	--	--	--	--	--	-
	Total	12	--	24	36	240	--	300	--	80	80	400	1100	26.5
Grand Total :												1100	26.5	

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|--|---|
| 1. L : Lecture | 5. PR : Marks for End Semester Exam for Practical |
| 1. L : Lecture | 5. PR : Marks for End Semester Exam for Practical |
| 2. T : Tutorial | 6. CT : Marks for class tests (Internal Assessment) |
| 3. P : Practical | 7. TU/Assi : Marks for tutorials/Assignment (Internal Assessment) |
| 4. TH : Marks for End Semester Exam for Theory | 8. PR(S) : Marks for practical and viva (Internal Assessment) |

*FS 3001, *FS 3009 and *FS 3333 are same in all Branches of Non Engineering

Student Centered Activities will be graded as A, B, C & D on the basis of attendance and interest of the student in learning.

BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA IV SEMESTER (FASHION DESIGN) (FS)
SESSION 2021-2022 & ONWARDS

SubjecCode	Subject	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks	Credits
		Hours per week				End Semester Exam.				Internal Assessment				
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU/Assi.	PR(S)		
*FS 4001	Environmental Studies-II	2	--	--	2	60	3	--	--	20	20	--	100	2.0
FS 4002	Fundamentals of Textiles- II	4	--	--	4	60	3	--	--	20	20	--	100	4.0
FS 4003	Fashion Theories-II	3	--	--	3	60	3	--	--	20	20	--	100	3.0
FS4004	Pattern Development & Apparel Construction-II	4	--	--	4	60	3	--	--	20	20	--	100	4.0
FS 4005	Fashion Illustration & Presentation Techniques -II Lab	--	--	4	4	--	--	40	6	--	--	60	100	2.0
FS 4006	Surface Embellishment- II Lab	--	--	4	4	--	--	40	6	--	--	60	100	2.0
FS 4007	Fundamentals of Draping -II Lab	--	--	3	3	--	--	40	6	--	--	60	100	1.5
FS 4008	Pattern Development & Apparel Construction -II Lab	--	--	7	7	--	--	40	6	--	--	60	100	3.5
*FS 4009	Environmental Studies-II Lab	--	--	2	2	--	--	40	--	--	--	60	100	1.0
*FS 4444	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2.0
	Students Centered Activities	--	--	2	2	--	--	--	--	--	--	--	--	-
	Total	13	--	23	36	240	--	200	--	80	80	400	1000	25.0
Grand Total :												1000	25.0	

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|--|---|
| 1. L : Lecture | 5. PR : Marks for End Semester Exam for Practical |
| 2. T : Tutorial | 6. CT : Marks for class tests (Internal Assessment) |
| 3. P : Practical | 7. TU/Assi : Marks for tutorials/Assignment (Internal Assessment) |
| 4. TH : Marks for End Semester Exam for Theory | 8. PR(S) : Marks for practical and viva (Internal Assessment) |

*FS 4001, *FS 4009 and *FS 4444 are same in all Branches of Non Engineering

Student Centered Activities will be graded as A, B, C & D on the basis of attendance and interest of the student in learning.

NOTE: Students will go for 6 weeks Summer Internship in the Summer Vacations after Fourth Semester. The Assessment of the Summer Internship will be done in Fifth Semester.

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA V SEMESTER (FASHION DESIGN) (FS)
SESSION 2022-2023 & ONWARDS

Subject Code	Subject	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks	Credits
		Hours per week				End Semester Exam.				Internal Assessment				
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU/Assi.	PR(S)		
*FS 5001	Professional Management & Entrepreneurship-I	3	--	--	3	60	3	--	--	20	20	--	100	3.0
**FS 5002	Dynamics of Fashion-I	3	--	--	3	60	3	--	--	20	20	--	100	3.0
FS 5003	Fashion Theories-III	3	--	--	3	60	3	--	--	20	20	--	100	3.0
FS 5004	Pattern Development & Apparel Construction-III	3	--	--	3	60	3	--	--	20	20	--	100	3.0
FS 5005	Fashion Illustration & Presentation Techniques - III Lab	--	--	3	3	--	--	40	6	--	--	60	100	1.5
FS 5006	Surface Embellishment-III Lab	--	--	3	3	--	--	40	6	--	--	60	100	1.5
FS 5007	CAD for Fashion Design-I Lab	--	--	3	3	--	--	40	3	--	--	60	100	1.5
FS 5008	Pattern Development & Apparel Construction-III Lab	--	--	7	7	--	--	40	6	--	--	60	100	3.5
FS 5009	Home Fashion - Lab	--	--	3	3	--	--	40	6	--	--	60	100	1.5
FS 5010	Project	--	--	2	2	--	--	--	--	--	--	--		00
FS 5011	Summer Internship-II (6 Weeks after IV Semester)	--	--	--	--	--	--	100	--	--	--	--	100	3.0
*FS 5555	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2.0
	Students Centered Activities	--	--	2	2	--	--	--	--	--	--	--	--	-
	Total	12	--	24	36	240	--	300	--	80	80	400	1100	26.5
Grand Total :												1100	26.5	

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|--|--|
| 1. L : Lecture | 5. PR : Marks for End Semester Exam for Practical |
| 2. T : Tutorial | 6. CT : Marks for class tests (Internal Assessment) |
| 3. P : Practical | 7. TU/Assi: Marks for tutorials/Assignment (Internal Assessment) |
| 4. TH : Marks for End Semester Exam for Theory | 8. PR(S) : Marks for practical and viva (Internal Assessment) |

1.*FS 5001, and *FS 5555 are same in all Branches of Non Engineering

2.**FS 5002 is same as FT 5002.

Student Centered Activities will be graded as A, B, C & D on the basis of attendance and interest of the student in learning

Note: Project will be continued and Assesed in VI Semester

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA VI SEMESTER (FASHION DESIGN) (FS)
SESSION 2022-2023 & ONWARDS

Subject Code	Subject	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks	Credits
		Hours per week				End Semester Exam.			Internal Assessment					
		L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU/Assi.	PR(S)		
*FS 6001	Professional Management & Entrepreneurship-II	3	--	--	3	60	3	--	---	20	20	--	100	3.0
**FS 6002	Dynamics of Fashion-II	3	--	--	3	60	3	--	---	20	20	--	100	3.0
FS 6003	Fashion Theories-IV	3	--	--	3	60	3	--	---	20	20	---	100	3.0
FS 6004	Pattern Development & Apparel Construction-IV	4	--	--	4	60	3	--	--	20	20	---	100	4.0
FS 6005	Fashion Illustration & Presentation Techniques - IV Lab	--	--	3	3	--	--	40	6	--	--	60	100	1.5
FS 6006	Surface Embellishment-IV Lab	--	--	3	3	--	--	40	6	--	--	60	100	1.5
FS 6007	CAD for Fashion Design-II Lab	--	--	2	2	--	--	40	3	--	--	60	100	1.00
FS 6008	Pattern Development & Apparel Construction-IV Lab	--	--	6	6	--	--	40	6	--	--	60	100	3.00
FS 6009	Project	--	--	6	6	--	--	40	--	--	--	60	100	4.0
*FS 6666	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2.0
	Students Centered Activities	--	--	2	2	--	--	--	--	--	--	--	--	-
	Total	13	--	23	36	240	--	200	--	80	80	400	1000	26.0
Grand Total :												1000	26.0	

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|--|--|
| 1. L : Lecture | 5. PR : Marks for End Semester Exam for Practical |
| 2. T : Tutorial | 6. CT : Marks for class tests (Internal Assessment) |
| 3. P : Practical | 7. TU/Assi: Marks for tutorials/Assignment (Internal Assessment) |
| 4. TH : Marks for End Semester Exam for Theory | 8. PR(S) : Marks for practical and viva (Internal Assessment) |

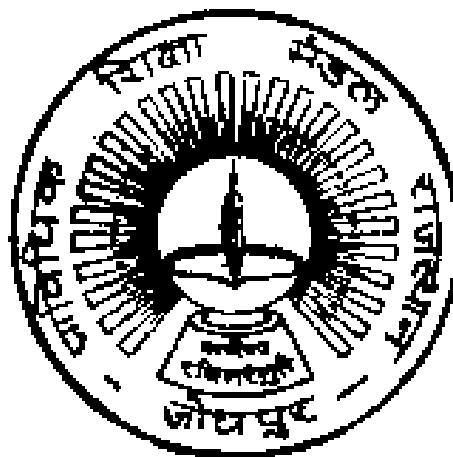
*FS 6001, and *FS 6666 are same in all Branches of Non Engineering

**FS 6002 is same as FT 6002.

Student Centered Activities will be graded as A, B, C & D on the basis of attendance and interest of the student in learning.

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN JODHPUR

SEMESTER SCHEME-2020-21



I SEMESTER
(SESSION 2021-2022 & ONWARDS)

COMPUTER APPLICATIONS-I

Course Code	FS-1002 (Common in All Branches of Non Engineering)
Course Title	Computer Applications - I
Number of Credits	2(L-2 T-0, P-0)
Prerequisites	None

RATIONALE

Use of Computer is increasing for precise and speedy work so it is useful to provide computer knowledge to the students. The course content is designed to give an overview and understand working of computer components and Operating System. The course also focuses on basic application Software for office automation.

SUBJECT LEARNING OUTCOMES (SLOS)

After studying the subject, the students will be able to appreciate the role of Computer Technology, more specifically computer hardware, software and its application in the present social and economic scenario.

1. Introduction	L
	6
1.1 Characteristics of Computers	
1.2 Application of Computer	
1.3 Component of Computer	
1.3.1 Block Diagram of Computer	
1.3.2 ALU and CU	
1.3.3 Input Devices: Keyboard, Mouse, Joystick, Scanner, Optical Mark Reader, Barcode Reader, Magnetic Ink Character Reader, Web Camera	
1.3.4 Output Device: Monitor, Impact printer – Dot Matrix, Non Impact Printers: Laser and Inkjet Printer	
1.3.5 Memory Organization, Primary Memory, Secondary Memory	
1.4 Software	
1.4.1 System Software	
1.4.2 Application Software	
1.5 Relationship between Hardware and Software	
2. Operating System	4
2.1 Concept of Operating System	
2.2 Functions of Operating System	
2.3 Creating Folder and Shortcut	
2.4 Study of Popular Operating Systems: Windows, Androids.	
2.5 Control Panel: Adding new hardware and software, Display, Adding new font, User account management	
3. Office Automation Software	9
3.1 Word Processing	
3.1.1 Copy, Paste, Find and Replace, Redo Undo, Change Case, Spell Check	
3.1.2 Creating and Formatting Tables, Mail Merge	
3.1.3 Character and Paragraph Formatting, Page Formatting, Header Footer	
3.2 Spreadsheet	
3.2.1 Creating, Saving and Editing a Workbook	
3.2.2 Formatting cells: changing data alignment, different number formats, changing font, adding borders and colors	

3.2.3 Sorting and Filtering, Charts and Graphs

3.3 Presentation Software

3.3.1 Creating, Opening, Saving presentations and Printing: Slides, Handout

3.3.2 Slide Layout, Presentation Views

3.3.3 Design Presentation, Running and Controlling a Slide Show

4. Applications of Mobile Phones

3

4.1 Importance of Mobile Phones

4.2 Different Features of Mobile phones like SMS, Instant Messaging Services and File sharing

4.3 Different applications of mobile phones in Education and Business.

REFERENCE BOOKS

- 1 Computer Fundamentals
2. Microsoft office for 2016

P.K. Sinha and P. Sinha, BPB publication.
Amy Kinser, Pearson education.

SEMESTER SCHEME 2020-21

APPAREL MACHINERY AND EQUIPMENTS

Course Code	FS-1003 (Same as CD-1003)
Course Title	Apparel Machinery and Equipments
Number of Credits	4(L-3 T-1, P-0)
Prerequisites	None

RATIONALE

This subject provides an insight about pre-preparatory processes involved in fabric preparation for garment construction.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject, the learner will be able to:-

1. Acquire knowledge about preparation to be done for clothing construction.
 2. Be familiar with tools and techniques of clothing construction and marking.
 3. Understand and appreciate the importance of pattern making.
1. **Tools for clothing construction:** 10 4
 - 1.1. Measuring Tools.
 - 1.2. Drafting Tools.
 - 1.3. Marking Tools.
 - 1.4. Cutting Tools.
 - 1.5. Stitching Tools.
 - 1.6. Pressing Tools.
 2. **Paper Pattern Making:** 12 4
 - 2.1. Methods of pattern making-
 - 2.1.1. Drafting.
 - 2.1.2. Draping.
 - 2.2. Principles of Pattern drafting.
 - 2.3. Types of paper patterns:
 - 2.3.1. Commercial patterns.
 - 2.3.2. Personal Measurement patterns.
 - 2.4. Terminology, symbols and abbreviations related to drafting and pattern making.
 - 2.5. Merits and Demerits of Drafting and Draping.
 3. **Different types of marking tools and techniques:** 11 3
 - 3.1. Disappearing ink marker and fabric pencils.
 - 3.2. Tracing wheel and carbon paper.
 - 3.3. Tailor's chalk and chalk pencils.
 - 3.4. Needle and thread:
 - 3.4.1. Tailor's tack.
 - 3.4.2. Clip marking.
 - 3.5. Bar soap slivers.
 - 3.6. Hot Notcher
 - 3.7. Pouncers.

REFERENCE BOOKS:

1. Vastra Vigyan Evam Paridhan (Hindi Granth Academy, Bhopal): *Verma Promilla*
2. Fashionpedia: The Visual Dictionary of Fashion Design
3. Traditional Indian Textiles *Thomas and Hudson*
4. Textiles and Fashion: Materials, Design And Technology *Sinclair R, [2015]*
5. Vogue, Cosmopolitan, Femina [latest magazines]

DRAFTING AND GARMENT CONSTRUCTION - I

Course Code	FS-1004 (Same as CD-1004)
Course Title	Drafting and Garment Construction-I
Number of Credits	2(L-2 T-0, P-0)
Prerequisites	None

RATIONALE

Fashion always changes but the principles of garment cutting remain the same. With the help of these principles, hundreds of new styles and designs can be created according to change in fashion. Pattern making is a highly skilled technique which provides technical ability to interpret a design with practical understanding of garment construction.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject the learner will be able to:-

1. Develop and construct garments suited for children for different seasons, personal comfort and performance requirements.
2. Equip knowledge about preparatory steps of garment construction.
3. Become familiar with the concept related to drafting and garment manufacturing for children.

CONTENTS

Note: All Contents are related to children wear. L

1. Measurement charts for children wear	2
1.1. Applicability and Importance	
2. How to take and record body measurement.	2
3. Introduction of Sewing Machine with Hand, Tradle and Electric motor	4
3.1. Basic Parts and Attachments	
3.2. Functions	
3.3. Defects and Remedies	
4. Preparation of Child's basic Bodice Block & Sleeve Block.	-
5. Making Drafts and Samples of the following:-	
5.1. Sleeves	5
5.1.1. Set - in	
5.1.2. Puff	
5.1.3. Bell	
5.1.4. Petal	
5.2. Collars :	3
5.2.1. Flat collar	
5.2.2. Roll Collar	
6. Drafting, Pattern Making, Estimation and Layout cutting of all the garments:	6
6.1. Jhabla with Panty { with and without yoke]	
6.2. Frock –A line, Gathered	

REFERENCE BOOKS :

- | | |
|---|--------------------------|
| 1. Metric Pattern Cutting for Children Wear | <i>Winifud Aldrish</i> |
| 2. Dress Fitting | <i>B.S.P. Profession</i> |
| 3. Vogue Fitting | <i>Harper & Raw</i> |
| 4. Singer Sewing Book | <i>Singer Company</i> |
| 5. Make your Own Dress Pattern | <i>Brenda Redmile</i> |
| 6. The Art of Sewing | <i>Anna Jacqued</i> |

SEMESTER SCHEME 2020-21

MARKET RESEARCH & ANALYSIS LAB

Course Code	FS-1005 (Same as CD-1005)
Course Title	Market Research & Analysis Lab
Number of Credits	1.5(L-0 T-0, P-3)
Prerequisites	None

RATIONALE

The subject will enable the students to explore and analyze different fibers and fabrics available and used in fashion industry.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject, the learner will be able to:-

1. Elucidate the basic structure of fabrics and properties of textile fibers.
2. Describe the fabric characteristics such as construction, texture, hand, weight and width.
3. List the end uses of various textiles
4. State the applications of trims, fasteners and linings.
5. Identify different types of fibers using burning, microscopic and chemical tests

PRACTICALS

Prepare a sample file of the swatches collected by market survey and prepare a report according to the following topics. Write its identifications such as origin, source, nature, suitability with cost and general care. Perform an identification test of fabrics and mention it in the file.

- | | |
|--|-----------|
| 1. Fabric swatches from the following origin:- | 10 |
| 1.1. Plant | |
| 1.2. Animal | |
| 1.3. Manmade/Synthetic | |
| 2. Fabrics used for home furnishings:- | 6 |
| 2.1. Household linen like Towels, Cushion Cover, Bed Sheet and Bed Cover, Table linen, Napkin. | |
| 3. Collection of different types of Lining and Interlining with its proper utility | 5 |
| 4. Collection of different types of trims, fasteners and decorative accessories. | 5 |
| 5. Collection of fancy fabrics like Jute, Velvet, Net [Lacy fabric] and Bonded fabric. | 5 |
| 6. Preparation of a table of CLASSIFICATION OF FIBRES | 2 |

REFERENCE BOOKS :

- | | |
|--|-----------------------------------|
| 1. Soft Furnishing | <i>Manga Books</i> |
| 2. Ready Set Sew | <i>The Butterick Sewing Books</i> |
| 3. Fabric Source & Marketing Bombay (Monthly Magazine) | |
| 4. Textile Fiber & Their Care | <i>Dhuntyagi</i> |
| 5. Furnishing Fabrics | <i>Thomas & Hudson London</i> |
| 6. The Dictionary of Needle Work | <i>Blaketon Hall England</i> |

FASHION ILLUSTRATIONS – I LAB

Course Code	FS-1006 (Same as CD-1006)
Course Title	Fashion Illustrations-I Lab
Number of Credits	2.5(L-0 T-0, P-5)
Prerequisites	None

RATIONALE

This subject is a milestone for every fashion designer. It is imperative for every designer to be able to express their mood, customer's design and inspiration with the help of different mediums.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject, the learner will be able to:-

1. Familiarize students with the techniques of using different mediums of sketching, coloring and illustration.
2. Involves reflective thinking for making color schemes, color wheel etc.
3. Prepare compositions inspired by nature.
4. Prepare sketches and proportionate figures for fashion sketches.

CONTENTS

	P
1. Brief idea about drawing tools and materials.	2
2. Learning usage of various drawing and sketching mediums:-	20
[Prepare one sheet with each medium inspired by nature, geometrical composition, Folk paintings and abstract forms]: Pencils, Ink, charcoal, crayons, brushes, water color and poster colors.	
3. Composition based on Art elements and Principles with a detailed study of the following: 20	
[Prepare one sheet for each composition]:-	
3.1. Primary colors, Secondary colors, Tertiary colors, Color wheel.	
3.2. Monochromatic Color Scheme, Polychromatic Color Scheme and Achromatic Color Scheme.	
3.3. Practicing the art of texture.	
4. Prepare line sketches for the following:-	13
4.1.1. Children, Boys and Girls of different age group and in different poses.	

REFERENCE BOOKS

- | | |
|-----------------------------------|----------------------------|
| 1. The Art of Costume Design | <i>Marilyn Sotto</i> |
| 2. How to Draw and Paint Fashions | <i>Walter T. FASTER</i> |
| 3. Children's Clothes | <i>Conran Actopus</i> |
| 4. Kiddys Fashion | <i>Wongs Wary Press</i> |
| 5. Men's Hi Fashion | <i>Poioneer Books Co.</i> |
| 6. Women's Hi Fashion | <i>Poioneer Books Co.</i> |
| 7. Mccall's Vogue and Simplicity | <i>(Monthly Magazines)</i> |
| 8. Kiddy Vol - 1 to 25 | |
| 9. Fashion Magazines | |

* * * * *

BASIC SEWING TECHNIQUES-1 LAB

Course Code	FS-1007 (Same as CD-1007)
Course Title	Basic Sewing Techniques -I Lab
Number of Credits	1.5(L-0 T-0, P-3)
Prerequisites	None

RATIONALE

The subject may be considered as the backbone for the students of fashion. Contents are related with basic hand & machine sewing techniques.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject, the learner will be able to:-

1. Understand about sewing m/c parts and functions, defects and remedies etc.
2. First hand practical knowledge about basic stitches and seams.
3. Prepare different types of fullness techniques.
4. Use of different threads and needles for various fabrics.

CONTENTS

Note: Brief theoretical knowledge should be given before practical.	P
1. Basic Hand Stitches:	9
1.1. Temporary Stitches: Basting even, Uneven, Diagonal & Slip basting, Thread marking	
1.2. Permanent Stitches: Running stitch, Hemming, Slip stitch, Back stitch, Run and Back stitch, over casting, over handing, Whipstitch.	
2. Seams and Seam Finishes:	8
2.1. Seams - Types of seams working of common seams Plain seam, Top stitched seam Welt seam, Lapped seam, Slot seam, Flat fell seam, French seam, Mantua maker's seam, Piped seam.	
2.2. Seam Finishes: Pinked, Edge stitched, Double stitched, Over cast, Herring bone stitch, Bound seam	
3. Introducing Fullness:	10
3.1. Darts: Decorative and Functional darts	
3.2. Pleats: Knife Pleats, Box Pleats, Inverted Pleats, Kick Pleats, Fan Pleats, Cartridge Pleats Pinch Pleat.	
3.3. Tucks	
3.3.1. Pin Tucks - Piped or Corded tucks, Cross Tucking	
3.3.2. Wide tucks - Blind Tucks, Spaced Tucks, Group Tucking with Scalloped effect.	
3.4. Gathers	
3.4.1. Gathering by Hand	
3.4.2. Gathering by Machine	
3.4.3. Gathering by using Elastic	
3.4.4. Shirring and Gauging	
3.5. Frill or Ruffles	
3.5.1. Double Ruffle	
3.5.2. Circular Ruffle	
3.5.3. Flounces and Waffles	
4. Hem Finishes:	6
4.1. Stitched and Turned hem	
4.2. Seam Binding Hem Finish	
4.3. Catch Stitches Hem	
4.4. Narrow Machine Stitched Hem	
4.5. Rolled or Whipped Hem	
4.6. Shell Edged Hem for Circular or Flared Skirts.	

Note: Samples file should be prepared as listed above.

REFERENCE BOOKS:

- | | |
|---------------------------------|-------------------------------|
| 1. Sew it | <i>Nancy Bruning</i> |
| 2. Sewing of Golden Hands | <i>Marshal Carendish</i> |
| 3. Sewing | <i>Jean Kimmod</i> |
| 4. Singer Sewing Book | <i>Singing Sewing Company</i> |
| 5. Sewing | <i>Ana Ladbury</i> |
| 6. Introduction to Dress Making | <i>Marshall Cavendish</i> |
| 7. The Art of Sewing | <i>Anna Jaqueb</i> |

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SEMESTER SCHEME 2020-21

COMMUNICATION SKILLS IN ENGLISH-I LAB

Course Code	FS-1008 (Common in All Branches of Non Engineering)
Course Title	Communication Skills in English - I Lab
Number of Credits	1(L-0 T-0, P-2)
Prerequisites	None

RATIONAL

For business purposes at every level of performance, language remains the most common and important means of communication. A diploma holder who wants to join an industry or organization needs to possess adequate knowledge and skills in language, its usage and presentation. Proficiency both in written and spoken language is required to be developed among the diploma holders

SUBJECT LEARNING OUTCOMES (SLOS)

The first year syllabus will develop among students the basic knowledge and skills related to syntax and semantics of English Language.

P

We envisage two successive stages for attaining skills in communication ability;

1. Listening
2. Speaking

We can club them together as shown below.

1. Listening:**7**

For improving listening skills, the following steps are recommended-

- 1.1 Listen to Prerecorded Tapes
- 1.2 Reproduce vocally what has been heard
- 1.3 Reproduce in Written form
- 1.4 Summarise the text heard
- 1.5 Suggest Substitution of Words and Sentences
- 1.6 Answer Questions related to the taped text
- 1.7 Summarise in Writing

2. Speaking:**7**

Introducing English consonant-sounds and vowel-sounds

- 2.1 Remedial exercises where necessary
- 2.2 Knowing Word stress
- 2.3 Shifting word stress in poly-syllabic words

[For pronunciation practice read aloud a para or page regularly while others monitor]

3. Body Language:**8**

- 3.1 Personal Appearance
- 3.2 Posture
- 3.3 Gestures and Hand Movements
- 3.4 Eye Contact
- 3.5 Facial Expressions

Note:

1. The Medium of teaching and examination will be English.

2. At least on question will be set from each unit.
3. No theory question will be set from syllabus of practical.

REFERENCE BOOKS

- | | |
|--|-------------------------------------|
| 7. Intermediate English Grammar
University Press | Raymond Murphy, Cambridge |
| 8. English Grammar, Usage & Composition
and Co. | Tickoo & Subramanian, Pub: S. Chand |
| 9. A Practical Eng. Grammar (and its Exercise Books)
ELBS | Thomson and Martinet Pub: |
| 10. High School English Grammar and Composition
and Co. | Wren & Martin, Pub: S. Chand |
| 11. ABC of Common Grammatical Errors
Ltd. | Nigel D Turton, Macmillan India |
| 12. Soft Skills
Co. | Dr. K. Alex, Pub: S. Chand and |

SEMESTER SCHEME 2020-21

COMPUTER APPLICATIONS-I LAB

Course Code	FS-1009 (Common in All Branches of Non Engineering)
Course Title	Computer Applications - I Lab
Number of Credits	1.5(L-0 T-0, P-3)
Prerequisites	None

RATIONALE

Use of Computer is increasing for precise and speedy work so it is useful to provide computer knowledge to the students. The course content is designed to give an overview and understand working of computer components and Operating System. The course also focuses on basic application Software for office automation.

SUBJECT LEARNING OUTCOMES (SLOS)

After studying the subject, the students will be able to appreciate the role of Computer Technology, more specifically computer hardware, software and its application in the present social and economic scenario.

CONTENTS

1. Overview of Parts of Computer, Practice of using My Computer, creating, deleting folders and shortcuts. **03**
2. Practice on Control Panel/ Installing/Uninstalling/ Adding Devices **03**
3. Exercise on Word Processing **09**
 - 3.1 Creating, Saving and Opening documents
 - 3.2 Editing Documents-Cut, Copy, Paste, Undo, Redo, Copying one document to other, Change Case, Go to
 - 3.3 Character and Paragraph Formatting, Numbering and Bullets
 - 3.4 Page Formatting, Header and Footer, Page Break, Watermark
 - 3.5 Spell Check, Find and Replace, Inserting Pictures and Clip-arts
 - 3.6 Working with Tables
 - 3.7 Mail-Merge.
4. Exercises on Spreadsheets: **09**
 - 4.1 Creating, Saving and Opening worksheet.
 - 4.2 Editing Worksheet.
 - 4.3 Formatting Cells- Font, Number Formats Alignment and Borders.
 - 4.4 Charts and Graphs.
 - 4.5 Sorting and Filtering.
5. Exercises on Presentation Package: **06**
 - 5.1 Creating, saving and Opening presentations .
 - 5.2 Adding animation in slides
 - 5.3 Running a Slide Show
 - 5.4 Printing Slides and Handouts
6. Hands on Experience on usage of Mobile Phones **03**

REFERENCE BOOKS

- 1 Computer Fundamentals P.K. Sinha and P. Sinha,BPB publication.
2. Microsoft office for 2016 Amy Kinser,Pearson education.

DRAFTING AND GARMENT CONSTRUCTION – I LAB

Course Code	FS-1010 (Same as CD-1010)
Course Title	Drafting and Garment Construction -I Lab
Number of Credits	4(L-0 T-0, P-8)
Prerequisites	None

RATIONALE

Fashion always changes but the principles of garment cutting remain the same. With the help of these principles, hundreds of new styles and designs can be created according to change in fashion. Pattern making is a highly skilled technique which provides technical ability to interpret a design with practical understanding of garment construction.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject the learner will be able to:-

1. Develop and construct garments suited for children for different seasons, personal comfort and performance requirements.
2. Equip knowledge about preparatory steps of garment construction.
3. Become familiar with the concept related to drafting and garment manufacturing for children.

CONTENTS

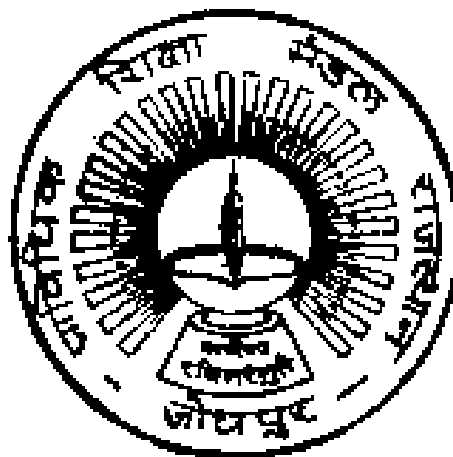
1. Preparation of Child's basic Bodice Block & Sleeve Block.	3
2. Making Drafts and Samples of the following:-	
2.1. Sleeves	22
2.1.1. Set - in	
2.1.2. Puff	
2.1.3. Bell	
2.1.4. Petal	
2.2. Collars :	2
2.2.1. Flat collar	
2.2.2. Roll Collar	
3. Drafting, Pattern Making, Estimation and Layout cutting of all the garments:	41
3.1. Jhabla with Panty {with and without yoke}	
3.2. Frock –A line, Gathered	

REFERENCE BOOKS :

- | | |
|---|--------------------------|
| 1. Metric Pattern Cutting for Children Wear | <i>Winifud Aldrish</i> |
| 2. Dress Fitting | <i>B.S.P. Profession</i> |
| 3. Vogue Fitting | <i>Harper & Raw</i> |
| 4. Singer Sewing Book | <i>Singer Company</i> |
| 5. Make your Own Dress Pattern | <i>Brenda Redmile</i> |
| 6. The Art of Sewing | <i>Anna Jacqued</i> |

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN JODHPUR

SEMESTER SCHEME-2020-21



II SEMESTER
(SESSION 2021-2022 & ONWARDS)

COMMUNICATION SKILLS IN ENGLISH - II

Course Code	FS-2001 (Common in All Branches of Non Engineering)
Course Title	Communication Skills in English - II
Number of Credits	1(L-1 T-0, P-0)
Prerequisites	None

RATIONAL

For business purposes at every level of performance, language remains the most common and important means of communication. A diploma holder who wants to join an industry or organization needs to possess adequate knowledge and skills in language, its usage and presentation. Proficiency both in written and spoken language is required to be developed among the diploma holders

SUBJECT LEARNING OUTCOMES (SLOS)

The first year syllabus will develop among students the basic knowledge and skills related to syntax and semantics of English Language.

CONTENTS

	L
1. Vocabulary Building :	5
1.1. Prefixes and Suffixes	
1.2. Synonyms and Antonyms	
1.3. One Word Substitution	
1.4. Words Often Confused	
1.5. Words Often Misspelt	
2. Sentence Building:	4
2.1. Types of Sentences and their Transformation -	
2.2. Interchange of Affirmative and Negative sentences	
2.3. Interchange of Interrogative and Assertive sentences	
2.4. Interchange of Exclamatory and Assertive sentences	
3. Composition:	2
3.1. Unseen Passage, Précis Writing	
4. Essay Writing:	2
4.1. Essays on general topics and topics related to environmental problems.	

REFERENCE BOOKS

- Intermediate English Grammar Raymond Murphy, Cambridge University Press
- English Grammar, Usage & Composition Tickoo & Subramanian, Pub: S. Chand and Co.
- A Practical Eng. Grammar (and its Exercise Books) Thomson and Martinet, Pub: ELBS
- High School English Grammar and Composition Wren & Martin, Pub: S. Chand and Co.
- ABC of Common Grammatical Errors Nigel D Turton, Macmillan India Ltd.
- Soft Skills Dr. K. Alex, Pub: S. Chand and Co.

COMPUTER APPLICATIONS-II

Course Code	FS 2002 (Common in All Branches of Non Engineering)
Course Title	Computer Applications - II
Number of Credits	2(L-2, T-0, P-0)
Prerequisites	None

RATIONALE

Use of Computer is increasing for precise and speedy work so it is useful to provide computer knowledge to the students. The course provides knowledge of internet, email, web browsing and E-commerce. It also gives overview of Cyber Security and Information technology Act.

SUBJECT LEARNING OUTCOMES (SLOS)

The student will be able to understand the concept of Networks, internet and importance of Cyber security in the present time.

- | | |
|---|----------|
| 1. Computer Network | 5 |
| 1.1 Need of networks | |
| 1.2 Data Transmission Media: Twisted pair, Coaxial, Optical Fiber | |
| 1.3 Types of Network-LAN, WAN, MAN | |
| 1.4 Topologies of LAN - Ring, Bus, Star, Mesh and Tree | |
| 1.5 Digital and Analog Transmission | |
| 1.6 Modem - Working and characteristics | |
| 2. Internet | 8 |
| 2.1 Introduction to Internet, Intranet, World Wide Web. | |
| 2.2 Internet Service Provider. | |
| 2.3 URL | |
| 2.4 Web Browser and its functions, Web Page, Search Engines | |
| 2.5 Protocol: Basic of http, https, FTP, SMTP, POP | |
| 2.6 Basic of E-mail: | |
| 2.7 E-mail Service Provider | |
| 2.8 Composing E-mail | |
| 2.9 Mailing List | |
| 2.10 Creating Label | |
| 2.11 Signature | |
| 2.12 Spam | |
| 3. E-Commerce and Cyber Security | 9 |
| 3.1 Introduction to E-Commerce | |
| 3.2 Type of E-Commerce | |
| 3.3 Advantages and Disadvantages of E-Commerce | |
| 3.4 Payment Gateways | |

3.5 Introduction to different types of Cyber Attacks: Phishing, Ransomware, SQL Injection, Web Jacking, Trojan Attacks, Denial of Service, Cyber Stalking, Password Cracking, Hacking, E mail Spoofing

3.6 Cyber laws in India: Introduction to IT (Information Technology) Act'2000

3.7 Definition of Virus, Malware, Scanning & Removing Virus using Antivirus Program

4. Multimedia

4

4.1 What is Multimedia?

4.2 Text and Graphics.

4.3 Animation, Audio, Images and Video.

4.4 Multimedia Application in Education and Entertainments.

REFERENCE BOOKS

- | | |
|---------------------------------------|---|
| 1. Computer Fundamentals | P.K. Sinha and P. Sinha, BPB publication. |
| 2. Data Communications and Networking | Forouzan TMH |
| 3. Internet for Everyone | Alexis Leon & Mathews Leon,
Vikas Publishing House, New Delhi. |

SEMESTER SCHEME 2020-21

BASICS OF FASHION

Course Code	FS -2003 (Same as CD -2003)
Course Title	Basics of Fashion
Number of Credits	4(L-3 T-1, P-0)
Prerequisites	None

RATIONALE

By this subject the students will be exposed to a number of fashion terms and terminologies, fashion labels and about fashion design. It will Equip with Knowledge about human physiology.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject, the learner will be able to:

1. Define Basic fashion concepts and terminologies related to fashion.
2. List the major centers of India working for sustainable fashion.
3. Equip with the knowledge about types of figures and head theory, which is must for a fashion and costume designer.
4. Explain various sources of fashion and design inspiration.

1. Introduction to fashion business and fashion terminology:- 10 4

1.1 Accessories	1.2 Alta Moda	1.3 atelier de couture	1.4 avant- garde
1.5 Bespoke	1.6 Boutique	1.7 Brand Name	1.8 Bridge Fashion
1.9 Custom made	1.10 Classic	1.11 Couture	1.12 Costume and Dress
1.13 Designer	1.14 Draping	1.15 Exclusive Brand Outlet s[EBO'S]	
1.16 Fashion and Fad	1.17 Fashion Merchandising		1.18 Fashion Cycle
1.19 haute couture	1.20 High Fashion	1.21 Knock-Off	1.22 Licensing
1.23 Label and Line	1.24 Multi Brand Outlets [MBO's]		1.25 pronto moda
1.26.pret-a-porter	1.27 Ready to wear	1.28 Silhouette	1.29 Style and stylist
1.30 Toile	1.31 Trend	1.32 Off- the-rack.	

2. Familiarization with designers and brands encouraging sustainable fashion in India: 11 4

- 2.1. Ba No Batwo.
- 2.2. Doodlage.
- 2.3. 11:11.
- 2.4. Anokhi.
- 2.5. Grassroots.
- 2.6. Good Earth.
- 2.7. Fabindia.
- 2.8. Chola-the label.
- 2.9. pero.
- 2.10. Ethicus.
- 2.11. Nicobar.
- 2.12. Ka-Sha.
- 2.13. Upasana-conscious fashion, Auroville.
- 2.14. House of Wandering Silk.

3. Eight Head Theory: 9 3

- 3.1. Line of Division.
- 3.2. Body Type.
- 3.3. Human Figures: Standard and Abnormal.
- 4. Source of Fashion Design Inspiration: 9 2**
 - 4.1. Printed and Electronic Source.
 - 4.2. Historic/Traditional costume.
 - 4.3. Media.
 - 4.4. Travel

REFERENCE BOOKS

- | | |
|---|-------------------------|
| 1. Vastra Vigyan Ke Mool Siddhant[2007] | <i>Shorie,GP</i> |
| 2. Fashion From Concept to Consumer | <i>Frings Gini</i> |
| 3. Reader's Digest-Complete Guide to Sewing | <i>Colton,V</i> |
| 4. Textiles and Fashion: Materials, Design and Technology | <i>SinclairR,[2015]</i> |
| 5. Magazines related to fashion | |

SEMESTER SCHEME 2020-21

DRAFTING AND GARMENT CONSTRUCTION –II

Course Code	FS -2004 (Same as CD -2004)
Course Title	Drafting and Garment Construction-II
Number of Credits	2(L-2 T-0, P-0)
Prerequisites	None

RATIONALE

This subject focuses on the techniques of garment construction for children. It will also acquaint students with the overall process of taking measurements and preparation of material before cutting. This subject gives knowledge about pattern making and garment construction.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject, the learner will be able to:-

1. Demonstrate coherent creative skills required for the designing of select categories of children garment.
2. Demonstrate the basic skills required for constructing select types of garments.
3. Understand the process of taking proper body measurements and using them in drafting following the principles of drafting and pattern making.

CONTENTS

Note: All Contents are related to children wear.

	L
1. Definition, Scope, Elements, Methods & Importance of Drafting	1
2. Types of measurements:	4
2.1. Direct	
2.2. Indirect	
3. Preparation of Child's basic Hip Block.	1
4. Preparation of fabric for cutting:	2
4.1. Preshrinking	
4.1.1. Preshrinking for washable fabric.	
4.1.2. Preshrinking for non washable fabric.	
4.2. Straightening of fabric grain	
4.2.1. Checking grain in woven fabric	
4.2.2. Grain and its importance in clothing construction	
4.3. Pressing	
4.4. Layout and Marking	
5. Making Drafts and Samples of the following:	
5.1. Sleeves	4
5.1.1. Leg o'motton	
5.1.2. Raglon	
5.1.3. Kimono	
5.1.4. Batwing	
5.2. Collars	4
5.2.1. Stand	
5.2.2. Shirt	
5.2.3. Sailor	
6. Drafting, Pattern Making, Estimation and Layout cutting of all the garments:	6
6.1. Frock-Circular and Pannelled	
6.2. Night Suit	
6.3. Jump Suit	

REFERENCE BOOKS:

- | | |
|---|--------------------------|
| 1. Metric Pattern Cutting for Children Wear | <i>Winifud Aldrish</i> |
| 2. Dress Fitting | <i>B.S.P. Profession</i> |
| 3. Vogue Fitting | <i>Harper & Raw</i> |
| 4. Singer Sewing Book | <i>Singer Company</i> |
| 5. Make your Own Dress Pattern | <i>Brenda Redmile</i> |
| 6. The Art of Sewing | <i>Anna Jacqued</i> |

SEMESTER SCHEME 2020-21

SURFACE ORNAMENTATION LAB

Course Code	FS - 2005 (Same as CD 2005)
Course Title	Surface Ornamentation Lab
Number of Credits	2(L-0 T-0, P-4)
Prerequisites	None

RATIONALE

Embroidery, the one of the surface ornamentation technique gives creative, decorative and ornamental effect on fabric surface. The student learns variety of stitches and can adorn a costume with the application of various stitches.

It gives knowledge about appropriate tools, equipments and suitable fabrics for embroidery to create designs through various transferring methods.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject, the learner will be able to:-

1. Gain first hand practical knowledge about basic hand embroidery stitches.
2. Acquire knowledge about technique and equipments used for surface ornamentation.
3. Suggest motifs ideal for various stitches.

CONTENTS

	P
1. Study of Basic Hand Embroidery Stitches :	32
1.1. Flat	
1.2. Looped	
1.3. Knotted	
2. Articles Based on Above Mentioned Stitches: (Any One)	14
2.1. Hankies	
2.2. Wall Picture	
2.3. Dining table mats	
2.4. Baby Bed cover	
2.5. Tray Cover	
3. File based on hand embroidery stitches.	6

REFERENCE BOOKS:

- | | |
|----------------------------------|----------------------------------|
| 1. Embroidery | <i>Ksynia Marko</i> |
| 2. Teaching Needle Craft | <i>Wan Nostrand Remhold Co.</i> |
| 3. Embroidered Textile | <i>Thomas Hudson Ltd. London</i> |
| 4. The Complete Book of Knitting | <i>Crochet and Embroidery</i> |

FASHION ILLUSTRATIONS – II LAB

Course Code	FS - 2006 (Same as CD -2006)
Course Title	Fashion Illustrations-II Lab
Number of Credits	2 (L-0 T-0, P-4)
Prerequisites	None

CODE CD 2006**L T P****Same in FS 2006****--- -- 4****RATIONALE**

As much as garment construction is a basic necessity, fashion illustration and dress designing is very important. The practical knowledge provided by this subject, will provide a strong structured foundation for student's further studies or professional careers.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject, the learner will be able to:-

1. Involves creating collection themes based on their source of inspiration.
2. Illustrate components such as necklines, collars, sleeves, headgears etc.
3. Sketch and colour dresses on different themes on figures in different colors, patterns and textures.

CONTENTS

	P
1. Sketches Related to Boys / Girls	20
1.1. Necklines	
1.2. Collars	
1.3. Sleeves and Cuffs	
1.4. Yokes	
1.5. Pockets	
1.6. Gathers, Pleats and Tucks	
1.7. Ruffles, Cowls	
2. Sketches related to Fashion Accessories:	10
2.1. Bows	
2.2. Headgears.	
3. Sketches of Boy / Girl Garments in Pencil, Wax, Crayon, Ink, Water and Poster Colours	22
3.1. Casual Wear: Day, Evening, Night wear, Sports wear	
3.2. Formal Wear: Party wear, Festival wear, Uniform.	

REFERENCE BOOKS

1. The Art of Costume Design *Marilyn Sotro*
2. How'to Draw and Paint Fashions *Walter T. Faster*
3. Children's Clothes *Conran Actopus*
4. Kiddys Fashion *Wongs Wary Press*
5. Men's Hi Fashion *Poineer Books Co.*
6. Women's Hi Fashion *Poineer Books Co.*
7. Mccall's Vogue and Simplicity *(Monthly Magazines)*

8. Kiddy Vol - 1 to 25
9. Fashion Magazines

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SEMESTER SCHEME 2020-21

BASIC SEWING TECHNIQUES-II LAB

Course Code	FS - 2007 (Same as CD -2007)
Course Title	Basic Sewing Techniques -II Lab
Number of Credits	1.5(L-0 T-0, P-3)
Prerequisites	None

RATIONALE

The subject constitute advanced sewing techniques, for which the base has been prepared in semester-I .The knowledge of these minute technicalities of sewing makes a designer perfect.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject, the learner will be able to:-

1. State the application techniques of different types of trims and fasteners.
2. Apply plackets and give a neat finish to minute details.
3. Finish pockets and facing and bindings using various techniques.

CONTENTS

	P
Note: Brief theoretical knowledge should be given before practical.	
1. Facing and Bindings :	6
1.1. Facing - Bias facing, Shaped facing, Decorative facing.	
1.2. Bindings - Single Bias Binding, Double Bias Binding, (Preparation and uses of True Bias, Cutting and Foaming Bias Strips)	
2. Plackets and Openings :	9
2.1. Continuous Bound Placket	
2.2. Bound and Faced Placket or Two Piece Placket	
2.3. Zipper Placket	
2.4. Tailored Placket or Shirt Sleeve Placket	
2.5. Bound Neck Opening	
2.6. Centre Front Opening	
3. Pockets :	9
3.1. Patch Pockets	
3.2. In seam Pockets	
3.3. Cut Pockets	
4. Fasteners :	6
4.1. Button & Button holes	
4.2. Hooks & Eyes	
4.3. Snaps	
4.4. Zip	
4.5. Velcro	
5. Trimmings : Laces, Braids, Ribbon, Piping:	9

REFERENCE BOOKS :

- | | |
|------------------------------------|---------------------|
| 1. Singer Sewing Book | Gladys Cunningham |
| 2. The Complete Book Of Sewing | Kindersley, Dorling |
| 3. Vogue Sewing | Harper & Row |
| 4. Cutting and Stitching Practical | Verma, Gayatri |

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COMMUNICATION SKILLS IN ENGLISH II-LAB

Course Code	FS - 2008 (Common in All Branches of Non Engineering)
Course Title	Communication Skills in English - II Lab
Number of Credits	1(L-0 T-0, P-2)
Prerequisites	None

RATIONAL

For business purposes at every level of performance, language remains the most common and important means of communication. A diploma holder who wants to join an industry or organization needs to possess adequate knowledge and skills in language, its usage and presentation. Proficiency both in written and spoken language is required to be developed among the diploma holders

SUBJECT LEARNING OUTCOMES (SLOS)

The first year syllabus will develop among students the basic knowledge and skills related to syntax and semantics of English Language.

CONTENTS

	P
1. Delivering Short Discourses :	8
1.1. About Oneself	
1.2. Describing a Place, Person, an Object	
1.3. Describing a Picture, Photo	
2. Group Discussion :	8
2.1. Developing skills to initiate a discussion [How to open]	
2.2. Snatching initiative from others [Watch for weak points, etc.]	
3. Interview Skills:	10
3.1. Desirable Qualities	
3.2. Preparation –	
3.2.1. Know the Company	
3.2.2. Know Yourself	
3.2.3. Review Common Interview Questions	
3.2.4. Prepare Questions You Want to Ask the Interviewer	
3.3. Using Proper Verbal and Non-Verbal Cues	
3.4. Exhibiting Confidence	
3.5. Tips for Success	

Note:

1. The Medium of teaching and examination will be English.
2. At least one question will be set from each unit.
3. No theory question will be set from syllabus of practicals.

REFERENCE BOOKS

7. Intermediate English Grammar Raymond Murphy, Cambridge University Press
8. English Grammar, Usage & Composition Tickoo & Subramanian, Pub: S. Chand and Co.
9. A Practical Eng. Grammar (and its Exercise Books) Thomson and Martinet, Pub: ELBS

- | | |
|---|--------------------------------------|
| 10. High School English Grammar and Composition | Wren & Martin, Pub: S. Chand and Co. |
| 11. ABC of Common Grammatical Errors | Nigel D Turton, Macmillan India Ltd. |
| 12. Soft Skills | Dr. K. Alex, Pub: S. Chand and Co. |

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SEMESTER SCHEME 2020-21

COMPUTER APPLICATIONS-II LAB

Course Code	FS - 2009 (Common in All Branches of Non Engineering)
Course Title	Computer Applications - II Lab
Number of Credits	1.5(L-0 T-0, P-3)
Prerequisites	None

RATIONALE

Use of Computer is increasing for precise and speedy work so it is useful to provide computer knowledge to the students. The course provides knowledge of internet, email, web-browsing and E-commerce. It also gives overview of Cyber Security and Information technology Act.

The student will be able to understand the concept of Networks, internet and importance of Cyber security in the present time.

SUBJECT LEARNING OUTCOMES (SLOS)

The student will be able to understand the concept of Networks, internet and importance of Cyber security in the present time.

CONTENTS**P**

1. Study of different types of Networks and Network Topologies.	3
2. Visit to different Internet Sites.	3
3. Content Searching using Search Engines.	3
4. Downloading and uploading on Websites	3
5. Creating E-mail accounts, Composing and Sending E-mail.	3
6. Sending E-mail with attachments and signature.	3
7. Updating E-mail setting	3
8. Hands on Experience on Different types of E-commerce Websites	3
9. Exercise on Online shopping showing use of payment gateways	3
10. Identifying Cyber Attacks	6
11. Multimedia Applications	6

REFERENCE BOOKS

- | | |
|---------------------------------------|---|
| 1. Computer Fundamentals | P.K. Sinha and P. Sinha, BPB publication. |
| 2. Data Communications and Networking | Forouzan TMH |
| 3. Internet for Everyone | Alexis Leon & Mathews Leon,
Vikas Publishing House, New Delhi. |

DRAFTING AND GARMENT CONSTRUCTION –II LAB

Course Code	FS - 2010 (Same as CD-2010)
Course Title	Drafting and Garment Construction -II Lab
Number of Credits	4(L-0 T-0, P-8)
Prerequisites	None

RATIONALE

This subject focuses on the techniques of garment construction for children. It will also acquaint students with the overall process of taking measurements and preparation of material before cutting. This subject gives knowledge about pattern making and garment construction.

SUBJECT LEARNING OUTCOMES (SLOS)

After completing this subject, the learner will be able to:-

1. Demonstrate coherent creative skills required for the designing of select categories of children garment.
2. Demonstrate the basic skills required for constructing select types of garments.
3. Understand the process of taking proper body measurements and using them in drafting following the principles of drafting and pattern making.

CONTENTS

1. Preparation of fabric for cutting:	8
1.1. Preshrinking	
1.1.1. Preshrinking for washable fabric.	
1.1.2. Preshrinking for non washable fabric.	
1.2. Straightening of fabric grain	
1.2.1. Checking grain in woven fabric	
1.2.2. Grain and its importance in clothing construction	
1.3. Pressing	
1.4. Layout and Marking	
2. Making Drafts and Samples of the following:	20
2.1. Sleeves	
2.1.1. Leg o'motton	
2.1.2. Raglan	
2.1.3. Kimono	
2.1.4. Batwing	
2.2. Collars	20
2.2.1. Stand	
2.2.2. Shirt	
2.2.3. Sailor	
3. Drafting, Pattern Making, Estimation and Layout cutting of all the garments:	56
3.1. Frock-Circular and Pannelled	
3.2. Night Suit	
3.3. Jump Suit	

REFERENCE BOOKS

- | | |
|---|--------------------------|
| 1. Metric Pattern Cutting for Children Wear | <i>Winifud Aldrish</i> |
| 2. Dress Fitting | <i>B.S.P. Profession</i> |

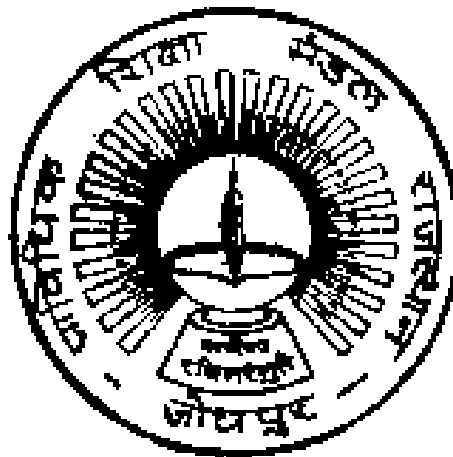
3. Vogue Fitting
4. Singer Sewing Book
5. Make your Own Dress Pattern
6. The Art of Sewing

Harper & Row
Singer Company
Brenda Redmile
Anna Jacqued

SEMESTER SCHEME 2020-21

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN JODHPUR

SEMESTER SCHEME-2020-21



III SEMESTER
(SESSION 2021-2022 & ONWARDS)

ENVIRONMENTAL STUDIES-I

Course Code	FS-3001 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-I
Number of Credits	2(L-2 T-0, P-0)
Prerequisites	None

Course Objectives

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment. A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

Course Outcomes

After completing the course the Learner will

1. Understand the importance of Environmental cleanliness
2. Gain knowledge about the causes of Water and Air pollution ,their effects and methods to check the same.
3. Have the knowledge of different types of solid waste and their management techniques.

COURSE CONTENTS

		L
1. General :	3	
1.1 Biotic and abiotic environment.		
1.2 Adverse effects of Environmental Pollution		
1.3 Control strategies		
2. Water Pollution :	7	
2.1 Water Quality Standards		
2.2 Surface and underground water sources		
2.3 Impurities in water and their removal		
2.4 Adverse effects of domestic waste water and industrial effluent to surface water sources		
2.5 Self purification of streams		
3. Air Pollution :	7	
3.1 Sources of air contaminants		
3.2 Adverse effects on human health		
3.3 Measures to check air pollution		
3.4 Greenhouse effect		
3.5 Global warming		
3.6 Acid rain		
3.7 Ozone depletion		
4. Solid Waste Management :	7	
4.1 Introduction to solid waste		
4.2 Its collection and disposal		
4.3 Recovery of resources		
4.4 Sanitary land-filling		
4.5 Vermi-composting		

4.6 Hazardous waste management

REFERENCE BOOKS :

- | | | |
|-----|--|--|
| 1. | Patyavaran Shiksha | Dr. A.N. Mathur, Dr. N.S. Rathore & Dr. V.K. Vijay |
| 2. | Patyavaran Adhyayan | Dr. Ram Kumar Gujar Dr. B.C. Jat |
| 3. | Patyavaran Avabodh | Dr. D.D. Ojha |
| 4. | Environmental chemistry
and pollution control : | S.S. Dora |
| 5. | Ecology concepts and
application : | Manuel C. Muller |
| 6. | Environmental protection | Emil T. Chanlett |
| 7. | Environmental science | Cumingham. Saigo |
| 8. | Solid waste management : | C.I. Mantell |
| 9. | पर्यावरण विनाश के कगार पर | राजीव गुप्ता |
| 10. | पर्यावरण जीवों का आंगन | प्रेमानन्द चंदोला |
| 11. | पर्यावरण (त्रैमासिक) | पर्यावरण एवं वन मंत्रालय, नई दिल्ली |
| 12. | Panda, New letter | WWF-India, New Delhi |

FUNDAMENTALS OF TEXTILES- I

SUBJECT CODE	FS-3002
SUBJECT TITLE	FUNDAMENTALS OF TEXTILES- I
NUMBER OF CREDITS AND HOURS PER WEEK	4.0 (L-4 T-0 P-0)
PRERESQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

Provides a broad overview of textile fabrics and their components- fibres and yarns and how fibres, yarns and fabrics are constructed or produced and processed. It explains the principles formation, details the basic constructions and related terminology of woven, knitted and nonwoven fabrics.

SUBJECT LEARNING OUTCOMES (SLOs)

After studying the learner will gain a positive impact related to:

1. To understand, develop and apply the major concept related to textile in clothing construction.
2. To identify the basic components of fabric and their application.
3. To create a broad awareness of textiles uses in apparel, home and commercial furnishings and industry.

CONTENTS

- | | | |
|-----------|---|-----------|
| 1. | TEXTILE FIBERS | 24 |
| 1.1 | Meaning and definition of Fibre and Textile | |
| 1.2 | Classification and types of Fibre | |
| 1.3 | Properties of Fibre and fabric | |
| 1.4 | Characteristics, manufacturing process and uses of the listed below Fibres: | |
| | 1.4.1 Natural Fibres | |
| | 1.4.2 Vegetable or CellulosicFibres | |
| | 1.4.2.1 Cotton Fibre | |
| | 1.4.2.2 Linen Fibre | |
| | 1.4.3 Animal or ProteinFibres | |
| | 1.4.3.1 Wool Fibre | |
| | 1.4.3.2 Silk Fibre | |
| | 1.4.3.3 Hair Fibre | |
| | 1.4.4 Mineral Fibre | |
| | 1.4.5 Asbestos Fibre | |
| | 1.4.6 Manmade Fibres | |
| | 1.4.7 Regenerated Fibres | |
| | 1.4.7.1 Viscose Rayon Fibre | |
| | 1.4.7.2 Cuprammonium Rayon Fibre | |
| | 1.4.7.3 Acetate Fibre | |
| | 1.4.7.4 Triacetate Fibre | |
| | 1..4.8 Synthetic Fibre | |
| | 1.4.8.1 Polyamides- Nylon 6 and Nylon 6,6 Fibre | |
| | 1.4.8.2 Polyacrylonitrile - Acrylic and ModacrylicFibre | |
| | 1.4.8.3 Polyester Fibre-Dacron | |
| 1.5 | Identification test of the above listed Fibres: | |
| | 1.5.1 Microscopic test | |
| | 1.5.2 Physical test | |
| | 1.5.3 Chemical test | |

	1.5.4	Burning test	
	1.6	Blending Fibres	
2.	YARN FORMATION		13
	2.1	Characteristic of yarn	
	2.1.1	Yarn Twist	
	2.1.2	Direction of twist	
	2.1.3	Amount of twist	
	2.1.4	Types of Yarn	
		2.1.4.1 Simple Yarns	
		2.1.4.2 Complex or Novelty Yarns	
		2.1.4.3 Textured Yarns	
	2.2	Yarn Count	
		2.2.1 Fixed Weight Measuring System -Cotton, Linen, Wool and Sil	
		2.2.2 Fixed Length Measuring System	
		2.2.3 Thread or Fabric count Balance, Selvages, Fabric width and Fabric length	
3.	FABRIC		15
	3.1	Fabric Structures	
	3.1.1	Woven Fabrics	
		3.1.1.1 Yarn preparation before weaving	
		3.1.1.2 Elementary Weaving Theory	
		3.1.1.2.1 Parts of looms	
		3.1.1.2.2 Weaving process – Primary, Secondary and Auxiliary motions	
		3.1.1.2.3 Basic weaves-Types of Plain weave, types of Twill weave, satin and sateen weave	
		3.1.1.3 Balance, Selvages, Fabric width and Fabric length	
	3.2	Knitted Fabrics	
	3.2.1	Types of knitting	
		3.2.1.1 Weft Knitting- Knit Stitch, Purl Stitch	
		3.2.2.2 Warp Knitting- Tricot, Raschel and Milanese knitting	
	3.2.2	Characteristics of knitting	
	3.2.3	Felted and Nonwoven Fabrics	
		3.2.3.1 Felted Fabric	
		3.2.3.1.1 Felting Process and Types of Felt	
		3.2.3.2 Characteristics and Uses of Felt	
		3.2.3.2 Nonwoven Fabrics	
		3.2.3.2.1 Methods of manufacture	
		3.2.3.2.2 Characteristics and Uses of	

Nonwoven Fabrics

REFERENCE BOOKS

1. Textiles: Fibre to Fabric by Bernard P. Corbman
2. Essentials of Textiles by Hollen and Saddler
3. Textile Science by E.P.G. Gohl and L.D. Vilensky

FASHION THEORIES- I

SUBJECT CODE	FS-3003
SUBJECT TITLE	FASHION THEORIES I
NUMBER OF CREDITS AND HOURS PER WEEK	3.0 (L-3 T- P-0)
PRERESQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

Provides a broad overview of costume traditions of diverse cultures from prehistoric times to the present day, explores various items of human decoration and adornment chronological coverage of the development of costume and fashion.

SUBJECT LEARNING OUTCOMES (SLOs)

After studying the learner will gain a positive impact related to:

1. Personality describing the relatively stable set of characteristics, tendencies and temperaments that have been formed by heredity and by social, cultural and environmental factors. The traits determine to interact with and react to various people and situations.
2. Develop a sense, that cultures are the "residue" of social communication clothing style.
3. Able to demonstrate the culture, mood, level of confidence, interests, age, authority, values and identity.
4. Learning the cultural characteristics such as customs, roles, rules, rituals, laws or other patterns that created and shared.

CONTENTS

1. CLOTHING PERIODS	13
1.1 Renaissance era	
1.2 Grecian era	
1.3 Victorian era	
1.4 Roman or Byzantine era	
1.5 Egyptian era	
2. HISTORY OF INDIAN CLOTHINGS	13
2.1 Indus Valley Civilization Period	
2.2 Ancient and Classical Periods	
2.1.1 Vedic Period	
2.1.2 Pre-Mauryan and Mauryan Period	
2.1.3 Early classical and classical Period	
2.3 Medieval period	
2.4 Modern Period	
2.5 Post-Independence Period	
1. SOCIOLOGICAL AND PSYCHOLOGICAL IMPACTS AND INFLUENCES OF CLOTHING	
1.1 INDIVIDUALITY - A SEARCH FOR IDENTITY	13
1.1.1 Personal appearance and awareness	

- 1.1.2 How personality is expressed with clothing
- 1.1.3 Psychological interpretation of dress
- 1.1.4 Self-concept and Self-image
- 1.1.5 Value, attitudes and interests affecting personality

3. REASONS FOR WEARING CLOTHES

- 3.1 Clothing for protection
- 3.2 Clothing for adornment

4. CLOTHING THE COMMUNICATOR OF CULTURE

- 4.1 Conformity of cultural expression
- 4.2 Clothing communicates-
 - 4.2.1 Economic position
 - 4.2.2 Social status
 - 4.2.3 Gender
 - 4.2.4 Age differentiation
 - 4.2.5 Marital position
 - 4.2.6 Political beliefs
 - 4.2.7 Religious practices
- 4.3 Technical advancement and Industrialization

2. REFERENCE BOOKS

- 1. INDIVIDUALITY A GUIDE FOR THE CONSUMERS BY MARY KEFGEN AND PHYLILLIS TOUCHIE- SPECHT
- 2. ANCIENT INDIAN COSTUMES by ROSHEN ALKAZI
- 3. INDIAN TEXTILES AND CLOTHING BY DR. BHAAU DAJI
- 4. TEXTILES IN ANCIENT INDIA BY DR. KIRAN SINGH

PATTERN DEVELOPMENT & APPAREL CONSTRUCTION-I

COURSE CODE	FS 3004
COURSE TITLE	PATTERN DEVELOPMENT & APPAREL CONSTRUCTION-I
NUMBER OF CREDITS AND HOURS PER WEEK	3.0 (L-3, T-0, P-0)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

In sewing and fashion design, a pattern is an original garment templates from which other garments of a similar style are copied, traced, cut and assembled to convert into Three Dimensionform. Pattern development is used for preliminary patterns drafting and development of the final pattern. Geometrical approximation of the garment is achieved by reshaping the surfaces of the flat pattern. trying mathematically to rectify and overcome the problems occurring in fitting of the individual garment.

SUBJECT LEARNING OUTCOMES [SLOs]:

This will ensure them to discover clear impression about the subject and able to attain by-

1. Learning basic garment pattern design and the development for the standard figure.
2. Learn to describe the general principles of pattern development.
3. Understanding and use of the Drafting and fitting Techniques, layout and estimation on various types fabric.

1. MEASUREMENT CHARTS FOR LADIES	2
1.1 Body Landmarks	
1.2 To record body measurements in sequence	
1.2.1 General measurements	
1.2.2 Optional measurements	
2. BASIC BLOCKS:	6
2.1 Types of blocks and their characteristics	
2.1.1 Simplified Block	
2.1.2 Standard Block	
2.1.3 Tailored Block	
2.1.4 Trade Block	
2.1.5 Primary and Secondary Block	
2.2 Draft of Ladies Blocks	
2.2.1 Basic Bodice Blocks	
2.2.2 Basic Sleeve Block	
2.2.3 Basic Hip Blocks	
3. CHARACTERISTICS, DERIVATIVES, DRAFTING, LAYOUT AND ESTIMATION OF THE FOLLOWING GARMENTS: -	25
3.1 Top	
3.1.1 Simple Top	
3.1.2 Shirt Top	
3.2 Skirts	
3.2.1 Pleated Skirt	
3.2.2 Semi Circular and Circular Skirt	

3.2.3 A-Line Skirt .

3.3 Night wear

3.3.1 One piece Nightie

3.3.2 Two pieces Nightie

4. FITTING

6

4.1 Meaning and Definition of Fit and Fitting

4.2 Factors affecting fitting in garment

4.3 Principles of fit in clothing

4.4 Prepare to fit- equipment required

4.5 Fitting Methods

4.5.1 Pattern Tissue Adjustment

4.5.2 Alteration

4.6 Evaluation and Comparing of measurements

4.7 Minor and Major Fitting problems and their remedies

REFERECE BOOKS:

- | | |
|--|--|
| 1. Cutting & Tailoring Part – 1- 2 | Ishwari&Anwani |
| 2. Pattern Making for Fashion Design | Helen Joseph Armstrong |
| 3. Zarapkar System of Cutting | Zarapkar |
| 4. Basic Pattern Skills for Fashion Design | Bernard Zamkoff |
| 5. Readers Digest- Complete Guide of Sewing. | The Readers Digest Association ltd. London |

FASHION ILLUSTRATION & PRESENTATION TECHNIQUES I LAB

COURSE CODE	FS- 3005
COURSE TITLE	FASHION ILLUSTRATION & PRESENTATION TECHNIQUES -I LAB
NUMBER OF CREDITS AND HOURS PER WEEKS	2.0 (L-0,T-0, P-4)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES:

This subject is designed to develop the skill of fashion drawing in order to visualize and analyze, observe and communicate ideas and concepts. A fashion sketch consists of the figurative fashion drawing of a slightly exaggerated, idealized and stylized human figure, along with the clothes and accessories adorning it.

SUBJECT LEARNING OUTCOMES [SLOS]:

After completing this subject, the learner will be able to:

1. Draw the fashion figure and communicate apparel design details using a variety of media.
2. Introduction to various medium for stylization of croquis.
3. Refining the student's illustration skills.
4. Learn and be familiar with illustration using computer programs.

1. FASHION DRAWING: ANALYZING PROPORTION & POSE (Manual drawing Female) 8

- 1.1 Figure Drawing in 8 head, 9 ½ head and 10 ½ head
 - 1.1.1 Stick Figure
 - 1.1.2 Block Figure
 - 1.1.3 Flesh Figure
- 1.2 Three-Dimensional Figure in Perspective
 - 1.2.1 Front View
 - 1.2.2 Profile or side View
 - 1.2.3 Three quarter View
 - 1.2.4 Back View

EXPLORE AND ILLUSTRATE THE "TYPES OF FOLDS" FORMED WHILE DRAPING VARIOUS TYPES OF FABRIC 24

- 2.1 Types of Folds
 - 2.1.1 Spiral Folds
 - 2.2 Trap and Closure or Half Lock Folds
 - 2.1.2 Radial Folds
 - 2.1.3 Direct Thrust Folds
 - 2.1.4 Flying and Organ Pipe Folds
 - 2.1.5 Compressed and Fine Folds
 - 2.1.6 Fragmented, Angular and Crossing Folds
 - 2.1.7 Draped or Diaper Folds
- 2.2 Prepare a sheet of two Swatches of Fabric Prints fulfilling the mentioned criteria:
 - 2.2.1 Identify and paint the number of colours in a fabric print
 - 2.2.2 Enlarge the fabric print in 4"x4" size swatch and reducing the fabric print in 1"x1" size swatch
 - 2.2.3 Illustrate the Fabric print swatches size 2"x2" in various medium to identify the effect of Black pencil, Ink pen, wax crayons, colour pencil crayons, poster colours and water colours

- 2.3 Prepare a Collage of Illustrated garment on a croquis
 - 2.3.1 Abstract Collage
 - 2.3.2 Three-dimensional collage
- 2.4 Illustrate the mentioned garments on a fashion figure in different perspective
 - 2.4.1 Casual or Informal wear- Leisure wear, Night wear and Bathe wear etc.
 - 2.4.2 Semi Formal and Formal wear- Day and Evening wear

3. INTRODUCTION TO COREL DRAW

12

- 3.1 Introduction to Corel DRAW program, Menu Bar and Tool Box
- 3.2 Overview of Drawing Tools.
- 3.3 Editing Objects
- 3.4 Transformation of Objects.
- 3.5 Color Fill
 - 3.5.1 Fill Color
 - 3.5.2 Fountain Fill
 - 3.5.3 Pattern Fill

4.DESIGNING, PRINTS AND TEXTURE DEVELOPMENT

8

- 4.1 Design a logo and create a Visiting Card and Brochure of your own label
- 4.2 Create prints and textures and their repeat and color ways.

REFERENCE BOOKS:

- | | |
|--|---------------|
| 1. Fashion Design Illustrations | Ritu |
| 2. Foundation in fashion design and illustration | Julian Seaman |
| 3. Fashion Illustration Techniques | ZeshuTakamura |
| 4. Corel DRAW | Ramesh Bangia |
| 5. Computer Aided Drafting and Design- Concept and Application | Veisinet DD |

SURFACE EMBELLISHMENT I LAB

COURSE CODE	FS 3006
COURSE TITLE	SURFACE EMBELLISHMENT I LAB
NUMBER OF CREDITS AND HOURS PER WEEK	2.5 (L-0, T-0, P-5)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

This subject provides an insight about how-to enhance the look of the fabric/garment by decorating it, using Traditional & Fancy embroidery & design innovative garments with supplements inspired from ornaments and colours of traditional embroidered handicrafts. The purpose of this subject to give students an opportunity to explore a variety of surface decoration techniques from creating the design up to finishing the embellishments.

SUBJECT LEARNING OUTCOMES [SLOS]:

After completing this subject, the learner will be able to achieve -

1. Acquire knowledge about significance of ornamentation of fabrics.
2. Be familiar with tools and techniques of use of different methods of traditional embroidery.
3. Explain the scope of value addition of fabric for fashion and apparel products.
4. To develop a skill to create contemporary styles of embroideries for fashion garments.
5. To understand the fabric manipulation techniques.

CONTENTS**1. PREPARE A SAMPLE OF THE FOLLOWING EMBROIDERIES OF THE WORLD 30**

Brief knowledge of the Embroidery such as Introduction, origin, material used, transferring method, techniques and uses

- 1.1 White Work
 - 1.1.1 Cut work
 - 1.1.2 Drawn thread work
 - 1.1.3 Drawn or Pulled work
 - 1.1.4 Shadow work
 - 1.1.5 Swiss Embroidery
- 1.2 Ribbon Work

2. PREPARE A SAMPLE OF THE FOLLOWING TRADITIONAL EMBROIDERIES OF INDIA 30

Brief knowledge of the Embroidery such as Introduction, origin, material used, transferring method, techniques and uses

- 2.1 NORTH ZONE
 - 2.1.1 Kashidakari of Jammu and Kashmir
 - 2.1.2 ChambaRumal of Himachal Pradesh
 - 2.1.3 Phulkari of Punjab
 - 2.1.3.1 Bagh Phulkari
 - 2.1.3.2 Chope Phulkari
 - 2.1.3.3 Sanchi Phulkari
 - 2.1.3.4 Shishedar Phulkari
 - 2.1.4 Chikankari of Lucknow
 - 2.1.4.1 Surface Chikankari

2.1.4.2 Shadow with Jalli work Chikankari

2.1.4.3 Applique Chikankari

3. PREPARE A SAMPLE FILE OF EMBROIDERIES MENTIONED ABOVE WITH A SPECI AINDICATION OF: 5

- 3.1 Material required for each Embroidery
- 3.2 Stitches used in each Embroidery
- 3.3 Collection of relevant motifs and Patterns of each Embroidery

REFERENCE BOOKS:

- | | | |
|----|--|------------------------------|
| 1. | Beginner's Guide to Crewel Embroidery | Jane Rainbow |
| 2. | The Encyclopaedia of Embroidery Techniques | Pauline Brown |
| 3. | Encyclopaedia of Needlework | Therese de Dillmont |
| 4. | Beginner's Guide to Silk Ribbon | Ann Cox |
| 5. | Paisleys | R.M. Lehri |
| 6. | Phulkari from Punjab | Anu H. Gupta & Shalina Mehta |

SEMESTER SCHEME 2020-21

FUNDAMENTALS OF DRAPING I LAB

SUBJECT CODE	FS-3007
SUBJECT TITLE	FUNDAMENTALS OF DRAPING I
NUMBER OF CREDITS AND HOURS PER WEEK	1.5 (L-0 T-0 P-3)
PRERESQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

The goal of the subject is to provide draping for the fashion design a comprehensive, timeless volume that describes efficiently the various techniques essential to deal with recurring fashion. Though fashion is constantly changing therefore generic approach is extracted reducing fashion components to their basic principles.

SUBJECT LEARNING OUTCOMES (SLOs)

Beginners will be able to learn and acquire:

1. Time tested methods to fit the needs of today's designers.
2. Brush up their skills in draping, to let it be a spring board the creativity and to provide unlimited potential and success in their work.

CONTENTS

1. INTRODUCTION TO DRAPING-	6
1.1 HISTORY OF DRAPING	
1.2 INTRODUCTION	
1.2.1 Definition	
1.2.2 Equipment and material required	
1.2.3 Importance of Fabric grain	
1.2.4 Preparation of muslin for draping	
1.2.5 Seam allowances	
1.2.6 Preparing the dress form for Draping	
2. PREPARE THE BASIC PATTERNS-	20
2.1 Basic Bodice- Front	
2.1.1 Preparing the muslin	
2.1.2 Draping steps	
2.1.3 Marking	
2.1.4 Trueing	
2.2 Basic Bodice- Back	
2.2.1 Preparing the muslin	
2.2.2 Draping steps	
2.2.3 Marking	
2.2.4 Trueing	
2.3 Basic Sleeve	
2.3.1 Preparing the muslin	
2.3.2 Draping steps	
2.3.3 Marking	
2.3.4 Trueing	
2.4 Basic Skirt	
2.4.1 Preparing the muslin	
2.4.2 Draping steps	
2.4.3 Marking	
2.4.4 Trueing	

3. **THE BODICE PATTERNS** - - 13
- 3.1 Pleats and tucks
 - 3.2 Tucks and gathers
 - 3.3 Dart manipulation
 - 3.3.1 Waistline dart
 - 3.3.2 Dart at waistline and Centre front
 - 3.3.3 French dart
 - 3.3.4 Double French dart
 - 3.3.5 Neckline dart
 - 3.3.6 Front dart
 - 3.3.7 Armhole dart
 - 3.4 Neckline variation
 - 3.4.1 Halter
 - 3.4.2 Surplice front

REFERENCE BOOK

1. Draping for Fashion Design by Hilde Jaffe and NurieRelis
2. The Art of Fashion Draping by Connie Amaden- Crawford
3. Draping Techniques for Beginners by Francesca Sterlacci

PATTERN DEVELOPMENT & APPAREL CONSTRUCTION- I LAB

COURSE CODE	FS 3008
COURSE TITLE	PATTERN DEVELOPMENT & APPARELCONSTRUCTION- I LAB
NUMBER OF CREDITS AND HOURS PER WEEK	3.5(L-0, T-0, P-7)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

The essentials of pattern making and its development is vital and crucial stage in garment construction obtained through skilled practice, the detail and technique behind each pattern ensure that garments are made to specification with a minimum margin of error. Draft needed to turned into technical drawings before pattern is created.

SUBJECT LEARNING OUTCOMES [SLOs]:

This will ensure them to discover clear impression about the subject and able to achieve by-

1. Learning the development of a garment comprises of different processes.
2. Learn to modify and adapt the foundation pattern, used as the basis for the design.
3. Understanding the stages in development will help to visualize the fit and decide on the size ranges of clothing.
4. Contributing fashion accessories as a embellishing item that supplements one's outfit.

1.	PREPARE A PAPER PATTERNS OF THE MENTIONED GARMENT IN FULL SCALE WITH TWO ADAPTATION OF EACH	30
	1.1 Top	
	1.1.1 Simple Top	
	1.1.2 Shirt Top	
	1.2 Skirts	
	1.2.1 Pleated Skirt	
	1.2.2 Circular Skirt	
	1.2.3 A-Line Skirt	
	1.3 Night wear	
	1.3.1 One piece Nightie	
	1.3.2 Two pieces Nightie	
2.	LAYOUT, CUT, STITCH AND FINISH GARMENT MENTIONED BELOW	50
	2.1 Top	
	2.2 Skirts	
	2.3 Night wear	
3.	FASHIONACCESSORIES	11
	3.1 Prepare the following accessories in different materials	
	3.1.1 Scarf	
	3.1.2 Waist Belt	

REFERECE BOOKS:

- | | |
|---|---|
| 1. Cutting & Tailoring Part – 1- 2 | Ishwari&Anwani |
| 2. Pattern Making for Fashion Design
Armstrong | Helen Joseph |
| 3. Zarapkar System of CuttingZarapkar | |
| 4. Basic Pattern Skills for Fashion Design | Bernard Zamkoff |
| 5. Readers Digest- Complete Guide of Sewing. | The Readers Digest Association
ltd. London |

ENVIRONMENTAL STUDIES-I LAB

Course Code	FS-3009 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-I Lab
Number of Credits	1.0 (L-0, T-0, P-2)
Prerequisites	None

Course Objective

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment. A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

Course Outcomes

After completing the course the Learner will

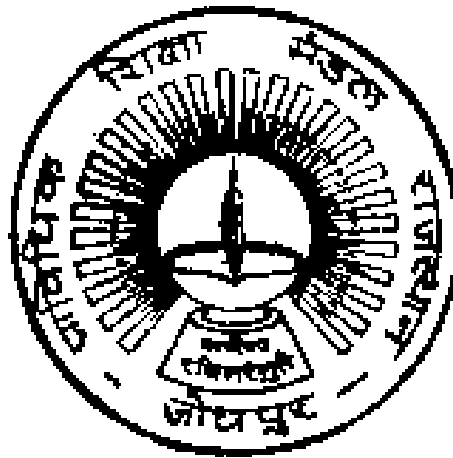
- 1.1 Understand the extent of Air pollution in their city.
- 1.2 Understand the extent of Water pollution in their city.
- 1.3 Know about the Ph value of water , hardness and TDS of water, their importance method of determination .
- 1.4 Have knowledge of solid waste management of their city

PRACTICALS

1. Visit to the important circles and measurement of Air Quality Index
2. Determination of Ph Value of tap Water
3. Determination of Hardness of tap Water by EDTA Method
4. Determination of TDS of tap Water
5. Visiting the local agency to Prepre the report of solid waste management of the city .
6. Plantation

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN JODHPUR

SEMESTER SCHEME-2020-21



IV SEMESTER
(SESSION 2021-2022 & ONWARDS)

ENVIRONMENTAL STUDIES-II

Course Code	FS-4001 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-II
Number of Credits	2 (L-2 T-0, P-0)
Prerequisites	None

COURSE LEARNING OBJECTIVES

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment. A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

COURSE OUTCOMES-

After completing the course the Learner will

- 1.1 Understand the importance of Environmental cleanliness
- 1.2 Gain knowledge about the causes of Land pollution , Land erosion and prevention
- 1.3 Understand about Biodiversity and ecosystems
- 1.4 Water harvesting methods and about the Rural Sanitation
- 1.5 Know the different Non conventional energy sources and their advantages

COURSE CONTENT

1. Land Pollution :	L
1.1 Soil conservation	5
1.2 Land erosion	
1.3 Afforestation	
2. Ecology :	7
2.1 Basics of species	
2.2 Biodiversity	
2.3 Population dynamics	
2.4 Energy flow	
2.5 Ecosystems	
3. Water Harvesting and Rural Sanitation :	7
3.1 Water harvesting techniques	
3.2 Different schemes of Rural Water Supply in Rajasthan	
3.3 Rural Sanitation	
3.3 Septic Tank	
3.5 Collection and disposal of wastes	
3.6 Bio-gas	
3.7 Community Awareness and participation	
4. Non Conventional Energy Sources :	7
4.1 Non-Conventional (Renewable) sources of energy	
4.2 Solar energy, Wind energy, Bio-mass energy, Hydrogen energy	

REFERENCE BOOKS :

1. Patyavaran Shiksha Dr. A.N. Mathur, Dr. N.S. Rathore & Dr. V.K. Vijay
2. Patyavaran Adhyayan Dr. Ram Kumar Gujar Dr. B.C. Jat
3. Patyavaran Avabodh Dr. D.D. Ojha
4. Environmental chemistry and pollution control : S.S. Dora
5. Ecology concepts and application : Manuel C. Muller
6. Environmental protection Emil T. Chanlett

7. Environmental science Cumingham. Saigo
8. Solid waste management : C.I.. Mantell
9. Introduction to Environmental Engineering & Science Gilbert M Masters
Prentice Hall of India, 1995
10. Concept of Ecology, 1991 Edward J Kormondy
11. Ecology 1975 Odum
12. Environmental Engineering Peavy, Rowe, Tehobaniglum
13. Environmental Impact Assessment Mc Graw Hill, NewYork, 1977
14. Environmental Technologies for Sustainable Development Dr. Upendra Pandel
Dr. M.P. Poonia
15. Environmental Pollution & Management V.K. Kohli & Vikas Kohli
16. पर्यावरण विनाश के कगार पर राजीव गुप्ता
17. पर्यावरण जीवों का आंगन प्रेमानन्द चंदोला
18. पर्यावरण (त्रैमासिक) पर्यावरण एवं वन मंत्रालय, नई दिल्ली
19. Panda, New letter WWF-India, New Delhi

SEMESTER SCHEME 2020-21

FUNDAMENTALS OF TEXTILES II

SUBJECT CODE	FS-4002
SUBJECT TITLE	FUNDAMENTALS OF TEXTILES II
NUMBER OF CREDITS AND HOURS PER WEEK	4.0 (L-4 T-0 P-0)
PRERESQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

Provides a broad overview of textile fabrics essential processes which advance through the finishing operations, for lustrous effect, dyeing makes an important contribution to fabric decoration with the help of beautiful colours and finally the fabric further enhanced by sharply defined printing colour designs on the finished cloth.

SUBJECT LEARNING OUTCOMES (SLOs)

After studying the learner will gain a positive impact related to:

- 1.1 To understand the textile finishing uses, to achieve desired effects and their aesthetic and functional benefits and to identify the basic components of finishing and their application.
- 1.2 Identifying the difference between dyeing and printing and their application.

CONTENTS

1. TEXTILE FINISHING	15
1.1 Meaning and Definition of Gray Goods	
1.2 Objectives of Finishing	
1.3 Categories of finishing Processes	
1.4 Types of processes applicable to different fibres and fabrics	
1.4.1 Preparatory Processes	
1.4.2 Stabilizing Processes	
1.4.3 Textural Processes	
1.4.4 Functional Processes	
2. DYEING- FINISHING WITH COLOUR	22
2.1 Meaning and Definition of Dye and Dyeing	
2.2 Difference between Dyeing and Printing	
2.3 Importance of Selection of Dyes	
2.4 Stages and Methods of Dyeing	
2.5 Dyeing Procedure	
2.5.1 Classification, uses and fastness of the listed Dyes:	
2.5.1.1 Natural Dyes	
2.5.1.2 Vegetable Dyes	
Animal Dyes	
2.5.1.3 Mineral Dyes	
2.5.1.4 Synthetic Dyes	
2.5.1.4.1 Basic or Cationic Dyes	
2.5.1.4.2 Oxidation Bases	
2.5.1.4.3 Acid or Anionic Dyes	
2.5.1.4.4 Acid Milling Dyes	
2.5.1.4.5 Acid Pre-metalized Dyes	
2.5.1.4.6 Neutral Pre-metalized Dyes	
2.5.1.4.7 Mordant or Chrome Dyes	
2.5.1.4.8	

	2.5.1.4.9	Substantive Direct Dyes	
	2.5.1.4.10	Developed Dyes	
	2.5.1.4.11	Azoic or Naphthol Dyes	
	2.5.1.4.12	Disperse Dyes	
	2.5.1.4.13	Sulphur Dyes	
	2.5.1.4.14	Vat Dyes	
	2.5.1.4.15	Reactive Dyes	
	2.5.1.4.16	Pigment	
	2.5.1.4.17	Optical Brighteners or	
	2.5.1.4.18	Colourless Dyes	
2.7	Various Tests to determine Colourfastness		

3. PRINTING- COLOUR, DESIGN AND DECORATION 15

3.1	Meaning and Definition of Printing		
3.2	Dyes used in Printing		
3.3	Styles of Printing		
	3.3.1	Direct Style Printing- Methods	
		3.3.1.1 Block Printing	
		3.3.1.2 Roller Printing	
		3.3.1.3 Duplex Printing	
		3.3.1.4 Blotch Printing	
		3.3.1.5 Warp Printing	
		3.3.1.6 Stencil Printing	
		3.3.1.7 Screen Printing- Flat Screen and Rotary Screen	
		3.3.1.8 Transfer Printing	
	3.3.2	Discharge Style Printing-Methods	
		3.3.2.1 Discharge Colour Printing	
		3.3.2.2 Burnt-Out or Etched-Out Printing	
	3.3.3	Resist Style Printing-Methods	
		3.3.3.1 Ikat Printing	
		3.3.3.2 Tie and Dye Printing	
		3.3.3.3 Batik Printing	
	3.3.4	Other Printings	
		3.3.4.1 Spray Printings	
		3.3.4.2 Painting	
		3.3.4.3 Photographic Printings	

REFERENCE BOOKS

1. Textiles: Fibre to Fabric by Bernard P. Corbman
 2. Essentials of Textiles by Hollen and Saddler
 3. Textile Science by E.P.G. Gohl and L.D. Vilensky
- *****

FASHION THEORIES- II

SUBJECT CODE	FS-4003
SUBJECT TITLE	FASHION THEORIES -II
NUMBER OF CREDITS AND HOURS PER WEEK	3.(L-3 T-0 P-0)
PRERESQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

Indian traditional textile had a wide range of variety of fabrics. The objective behind this subject is to know different variety of traditional fabrics and get help from some of the oldest textiles to reform that art. The next aspect to study the elements and principles of design with the application of design to clothing.

SUBJECT LEARNING OUTCOMES (SLOs)

After studying the learner will gain a positive impact related to:

1. Understanding about the types of Indian traditional textiles.
2. Acquires knowledge about the elements of design, the basic building blocks of any piece of art, and can be thought of as the ingredients used in visual presentation and the principles as the recipe for a good work of art.
3. Helps to assist in determines in creating a work of art is colour which is the successful characteristic of visual perception.

CONTENTS

1. TRADITIONAL INDIAN TEXTILES	15
1.1 Woven Textiles	
1.1.1 Ikat and PatanPatola of Gujrat	
1.1.2 Jamdani and Balucharof West Bengal	
1.1.3 Paithan saree of Maharashtra	
1.1.4 Brocades of Banaras Uttar Pradesh	
1.1.5 Chanderi and Maheshwari sarees of Madhya Pradesh	
1.1.6 Kinaur, Kani and Kullu shawls OF Himachal Pradesh	
1.1.7 Kota Doria of Rajasthan	
1.1.8 Kanchipuram silk OF Tamilnadu	
1.2 Painted Textiles	
1.2.1 Kalamkari of Andhra Pradesh	
1.2.2 Madhubani of Bihar	
1.3 Printed and Dyed Textiles	
1.3.1 Ajrakh prints of Gujrat	
1.3.2 Bagru and Sanganeri prints of Rajasthan	
1.3.3 Bandhej dyed textiles of Rajasthan	
1.3.4 Bandhani dyed textiles of Gujrat	
1.4 Embroidered Textiles	
1.4.1 Kashidakari of Kashmir	
1.4.2 ChambaRumal of Himachal Pradesh	
1.4.3 Phulkari of Punjab	
1.4.4 Kutch embroidery of Gujrat	
1.4.5 Kantha of West Bengal	
1.4.6 Chikenkari of Uttar Pradesh	
1.4.7 Kasuti of Karnataka	
1.4.8 Sujani of Bihar	
1.4.9 Zardozi	
1.4.10 Pipli work of Odisha	
2. APPLICATION OF DESIGN TO CLOTHING	12

- 2.1 Design
 - 2.1.1 Definition of design
 - 2.1.2 Structural and Applied design of clothing
- 2.2 Elements of design
 - 2.2.1 Lines –Selection and effect of straight, vertical, horizontal, diagonal, curve and zig zag lines
 - 2.2.2 Form-Silhouettes of clothing
 - 2.2.3 Selection and effect of textures
 - 2.2.4 Space
 - 2.2.5 Colour
- 2.3 Principles of Design related to Individual and Fashion
 - 2.3.1 Balance- formal, informal, radial, vertical and horizontal
 - 2.3.2 Proportion
 - 2.3.3 Emphasis
 - 2.3.4 Rhythm
 - 2.3.5 Harmony or unity
- 2.4 Fabric Design
 - 2.4.1 Types of motifs
 - 2.4.2 Types of pattern
 - 2.4.3 Combinations of motifs in a pattern
 - 2.4.4 Pattern and pattern arrangements
 - 2.4.5 Fabric design related to garment construction

3. COLOUR

12

- 3.1 Definition of colour
- 3.2 Colour systems
 - 3.2.1 Prang colour system
 - 3.2.2 Munsell colour system
- 3.3 Dimensions of colour
 - 3.3.1 Hue- Advancing and receding hues
 - 3.3.2 Value-Tone (tints and shades)
 - 3.3.3 Intensity or chroma
- 3.4 Colour harmonies
 - 3.4.1 Related colour harmonies-Achromatic, Monochromatic and Analogous harmony
 - 3.4.2 Contrasting colour harmonies- Complementary, Split complementary and triad harmonies
 - 3.4.3 Multi colour harmonies- Polychromatic harmony
- 3.5 Psychological effects of warm and cool hues
- 3.6 Value and clothing selection
- 3.7 Colour chroma and clothing selection

REFERENCE BOOKS

1. INDIVIDUALITY A GUIDE FOR THE CONSUMERS BY MARY KEFGEN AND PHLYLLIS TOUCHIE- SPECHT
2. ANCIENT INDIAN COSTUMES by ROSHEN ALKAZI
3. INDIAN TEXTILES AND CLOTHING BY DR. BHAU DAJI
4. TEXTILES IN ANCIENT INDIA BY DR. KIRAN SINGH

PATTERN DEVELOPMENT & APPAREL CONSTRUCTION-II

COURSE CODE	FS 4004
COURSE TITLE	PATTERN DEVELOPMENT & APPAREL CONSTRUCTION-II
NUMBER OF CREDITS AND HOURS PER WEEK	4.0 (L-4, T-0, P-0)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

It shows how the techniques of pattern development can be used to find solutions to challenges posed by the anthropometry of the human body and how these techniques are used to generate the blueprint of a functional garment incorporating all functional and aesthetic components and trying on helps in fitting.

SUBJECT LEARNING OUTCOMES [SLOS]:

After completing this subject, the learner will attain to:

1. Learn about the Clothing-design analysis, pattern making, and planning construction activities.
2. Planning and control of clothing-manufacturing activities.
3. Achieve a range of principles and concepts for pattern cutting are presented from different perspectives
4. Analyzed to identify the location of the dart before manipulating the pattern.
5. Objective evaluation and subjective assessment of clothing fit

CONTENTS

- | | |
|---|-----------|
| <ol style="list-style-type: none"> 1. DART MANIPULATION <ol style="list-style-type: none"> 1.1 Meaning and Definition of Dart and Dart Manipulation 1.2 Key terms used in Dart Manipulation 1.3 Principles of Dart Manipulation 1.4 Techniques and method of Dart Manipulation <ol style="list-style-type: none"> 1.4.1 Techniques <ol style="list-style-type: none"> 1.4.1.1 Pivotal-Transfer Technique 1.4.1.2 Slash and Spread Technique 1.4.2 Method or Steps <ol style="list-style-type: none"> 1.4.2.1 Charting Dart Location 1.4.2.2 Design Analysis 1.4.2.3 Plotting 1.4.2.4 Manipulation or handling of dart 1.5 Using Dart Manipulation techniques convert dart into <ol style="list-style-type: none"> 1.5.1 Gathers 1.5.2 Tucks and Pleats 1.5.3 Multiple or Designer darts 1.5.4 Style lines- Princess, Vertical and Horizontal 1.6 Dart Manipulation in <ol style="list-style-type: none"> 1.6.1 Bodice block 1.6.2 Skirt block 1.6.3 Trouser block 1.6.4 Sleeve block | <p>13</p> |
|---|-----------|

CHARACTERISTICS, DERIVATIVES, DRAFTING, LAYOUT AND ESTIMATION OF THE FOLLOWING GARMENTS:

30

- 2.1 Upper Garments

- 1.6.5 Kurta
 - 1.6.5.1 Fitted Kurta
 - 1.6.5.2 A-line Kurta
 - 1.6.5.3 KalidarLucknawi Kurta
- 1.6.6 Saree Blouses
 - 1.6.6.1 Simple Blouse
 - 1.6.6.2 Belted Blouse
 - 1.6.6.3 Choli Cut Blouse
 - 1.6.6.4 Designer Blouse- Princess line

1.7 Lower Garments

- 1.7.1 Salwar
 - 1.7.1.1 Without Belt
 - 1.7.1.2 With Belt
- 1.7.2 ChuridarPyjama
- 1.7.3 Saree Petticoat
 - Six Gore Petticoat

3. GARMENT TRYING ON

9

- 3.1 Meaning and Definition of Trying on and Trial in garment
- 3.2 Purpose and importance of trying on
- 3.3 Methods of Trying on
 - 3.3.1 Direct Trying on
 - 3.3.2 Indirect or Virtual Trying on
- 3.4 Dummy, Dress form and Mannequins
 - 3.4.1 Meaning and Definition of Dummy, Dress form and Mannequin
 - 3.4.2 Classification of Dress form and Mannequin
 - 3.4.3 Characteristics and uses of Dress form and Mannequin

REFERENCE BOOKS:

- | | |
|--|--|
| 1. Cutting & Tailoring Part 1- 2 | Ishwari&Anwari |
| 2. Pattern Making for fashion Design | Helen Joseph Armstrong |
| 3. Zarakar System of Cutting | Zarakar |
| 4. Basic Pattern Skills for Fashion Design | Bernard Zamkoff |
| 5. Readers Digest- Complete Guide of Sewing. | The Readers Digest Association Ltd. London |
| | ***** |

FASHION ILLUSTRATION & PRESENTATION TECHNIQUES II LAB

COURSE CODE	FS- 4005
COURSE TITLE	FASHION ILLUSTRATION & PRESENTATION TECHNIQUES -II LAB
NUMBER OF CREDITS	2.0 (L-0,T-0, P-4)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES:

Development of today's digital technology, the digital Fashion Illustration is changing the traditional way of fashion illustration creation with its innovative attitude. This course will help students to create digital fashion illustrations. The digital fashion illustration helps designers to create new concepts by introducing their unique and authentic ideas practically. This gives life to new fashion trends.

To develop digital fashion illustrations Corel draw is the most popular vector design software in the professional computer-aided fashion design industry. It allows the designer to update, reproduce & edit visual information very easily & quickly.

SUBJECT LEARNING OUTCOMES [SLOS]:

After completing this subject, the learner will be able to:

1. Learn Technical and stylized drawings and understand its application in Fashion Illustrations & Presentation Techniques.
2. Develop the skill of digital fashion illustrations, in order to visualize and analyze, observe and communicate ideas and concepts.
3. Acquire Knowledge of figure drawing and rendering techniques through Corel DRAW
4. Understand the concept of range development.

CONTENTS**1. ILLUSTRATE THE TECHNICAL AND STYLIZED DRAWINGS USING COREL DRAW :**

- 1.1 Technical Flat Drawings of Integral parts of the Female Garments - 20
 - 1.1.1 Necklines
 - 1.1.2 Cuffs
 - 1.1.3 Pockets
 - 1.1.4 Collars
 - 1.1.5 Plackets
 - 1.1.6 Yokes
 - 1.1.7 Sleeves
 - 1.1.8 Trousers
 - 1.1.9 Tops
 - 1.1.10 Skirts
- 1.2 Technical Flat drawings and Stylized drawings for Female Garments-
 - 1.2.1 Casual Wear
 - 1.2.1.1 Summers and Winters
 - 1.2.2.2 Indoor and Outdoor
- 1.3 Formal Wear
 - 1.3.1 Summers and Winters
 - 1.3.2 Indoor and Outdoor

2. ILLUSTRATE WITH COREL DRAW

- 2.1 Draw fashion Female croquis with grid lines
- 2.2 Stylization of female croquis
- 2.3 Drawing of Basic silhouette on stylized croquis

3. CREATION OF VARIOUS BOARD PHYSICAL AND DIGITAL RELEVANT TO FASHION LISTED BELOW 16

3.1 Explore and Illustrate all the listed Boards according to applicable Components- Images, colours, textures and explanations

- 3.1.1 Theme and Mood Board
- 3.1.2 Inspiration Board
- 3.1.3 Trend/look Board
- 3.1.4 Story Board

4. PORTFOLIO PRESENTATION 4

REFERENCE BOOKS:

- | | |
|--|------------------|
| 1. Core DRAW | Ramesh Bangia |
| 2. Computer Aided Drafting and Design- Concept and Application | Veisinet DD |
| 3. CAD for Fashion Design
1997 | Rene Weiss Chase |
| 4. CAD in Clothing and Textiles
1992 | Winfred Aldrich |
| 5. How to Draw & Paint Fashion | Walton T. Foster |
| 6. Computers in Fashion Industry | Taylor P. |
| 7. Fashion Design illustrations | Ritu |

SEMESTER SCHEME 2020-21

SURFACE EMBELLISHMENT- II LAB

COURSE CODE	FS 4006
COURSE TITLE	SURFACE EMBELLISHMENT-II LAB
NUMBER OF CREDITS	2.0(L-0,T-0,P-4)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

This subject provides an insight about how to enhance the look of the fabric/garment by decorating it, using Traditional & Fancy embroidery & design innovative garments with supplements inspired from ornaments and colours of traditional embroidered handicrafts. The purpose of this subject is to give students an opportunity to explore a variety of surface decoration techniques from creating the design up to finishing the embellishments.

SUBJECT LEARNING OUTCOMES [SLOS]:

After completing this subject, the learner will be able to:-

1. To understand the various embroideries of India.
2. To develop a skill to create contemporary styles of embroideries for fashion garments.
3. To develop value added embroideries.
4. Combine multiple techniques to create different textures, looks, and depths.
5. Understand the process of adding colour, pattern, texture or design to fabric through the use of outside mediums such as thread, ribbon, sequins, beads, mirrors etc.

CONTENTS

1. **PREPARE A SAMPLE OF THE FOLLOWING EMBROIDERIES OF THE WORLD** 25
Brief knowledge of the Embroidery such as Introduction, origin, material used, transferring method, techniques and uses
 - 1.1 Counted Thread Embroidery
 - 1.1.1 Assisi Work
 - 1.1.2 Black Work
 - 1.2 Altering Surface
 - 1.2.1 Smocking
 - 1.2.1.1 English Smocking
 - 1.2.1.2 Canadian or North American Smocking
 - 1.2.2 Patchwork
 - 1.2.3 Applique
 - 1.2.4 Quilting
 - 1.3 Metal Embroidery (Zardozi)
 - 1.3.1 Aari Work
 - 1.3.2 Dhabkaand Work
 - 1.3.3 Bead and Sequin Work
 - 1.3.4 Rhinestone, tubes and golden ribbon (Gotta work) etc.
2. **PREPARE A SAMPLE OF THE FOLLOWING TRADITIONAL EMBROIDERIES OF INDIA** 22
Brief knowledge of the Embroidery such as Introduction, origin, material used, transferring method, techniques and uses
 - 2.1 WEST ZONE
 - 2.1.1 Kutch Embroidery of Gujrat
 - 2.1.1.1 Mochi Bharat
 - 2.1.1.2 Ahir Bharat (Mirror work)
 - 2.1.1.3 Kanbi Bharat
 - 2.1.1.4 Rabari Bharat
 - 2.1.1.5 Kathiawar Embroidery
 - 2.2 EAST ZONE
 - 2.2.1 Kantha work of West Bengal
 - 2.2.1.1 NakshiKantha
 - 2.2.1.2 SujaniKantha

2.3 SOUTH ZONE

2.3.1 Kasuti of Karnataka

3. **PREPARE A SAMPLE FILE OF EMBROIDERIES MENTIONED ABOVE WITH A SPECIAL INDICATION OF:**

5

3.1 Material required for each Embroidery

3.2 Stitches used in each Embroidery

3.3 Collection of relevant motifs and Patterns of each Embroidery

REFERENCE BOOKS:

- | | |
|--|------------------|
| 1. The Encyclopaedia of Embroidery Techniques | Pauline Brown |
| 2. Designs for a Lifetime | Usha Shrikant |
| 3. Teaching needle craft | Thomes Hudson |
| 4. The Dictionary of needlework | Sophia Carfield` |
| 5. The art of Elegant Hand Embroidery Embellishment and Appliqué | Janice Vaine |
| 6. Embroidered & Embellished | Christen Brown |

SEMESTER SCHEME 2020-21

FUNDAMENTALS OF DRAPING -II LAB

SUBJECT CODE	FS-4007
SUBJECT TITLE	FUNDAMENTALS OF DRAPING- II
NUMBER OF CREDITS	1.5 (L-0 T-0 P-3)
PRERESQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

Draping technique is the most commonly used technique to prepare mould design and cloth design. The other name of the draping is 3-dimensional mould preparation technique and that has an important place in the clothing education. Draping is applying, shaping by the fabric on a model. This technique recognizes to the designer for brings high levels cause to get chance to work one to one with fabric, is applied directly on the body suit would be perfect harmony with the body.

SUBJECT LEARNING OUTCOMES (SLOs)

Beginners will be able to learn and acquire:

1. The purpose of the study; is to examine the levels of the draping technique knowledge and implementation, draped in different themes applied technique to contribute education in fashion design by creating clothing designs.
2. Includes the importance of draping and the application processes. To benefit from the current literature and periodicals on the subject and contains information about draping.

CONTENTS

1. **PREPARE THE PATTERNS -** 21
 - 1.1 Princess Bodice- Front and Back
 - 1.1.1 Preparing the muslin
 - 1.1.2 Draping steps
 - 1.1.3 Marking
 - 1.1.4 Trueing
 - 1.2 Boned Bodice- Front and Back
 - 1.2.1 Preparing the muslin
 - 1.2.2 Draping steps
 - 1.2.3 Marking
 - 1.2.4 Trueing
 - 1.3 Basic Cowl- neckline, armhole
 - 1.3.1 Preparing the muslin
 - 1.3.2 Draping steps
 - 1.3.3 Marking
 - 1.3.4 Trueing
 - 1.4 Basic Twist- butterfly, neck twist, bust twist
 - 1.4.1 Preparing the muslin
 - 1.4.2 Draping steps
 - 1.4.3 Marking
 - 1.4.4 Trueing
 - 1.5 Collars – Mandarin, Convertible, Peter Pan and Shawl
 - 1.5.1 Preparing the muslin
 - 1.5.2 Draping steps
 - 1.5.3 Marking
 - 1.5.4 Trueing

2. THE PATTERNS

2.1 Skirt Pattern	8
2.1.1 Tapered Skirt	
2.1.2 Dirndl skirt	
2.1.3 Gored and Flared Skirt	
2.2 Slack Pattern	
3. PREPARE THE PATTERN AND GARMENT IN FABRIC-	10
3.1 Princess dress	
3.2 Shift	
3.3 Blouse or Top	

REFERENCE BOOK

1. Draping for Fashion Design by Hilde Jaffe and NurieRelis
2. The Art of Fashion Draping by Connie Amaden- Crawford
3. Draping Techniques for Beginners by Francesca Sterlacci

SEMESTER SCHEME 2020-21

PATTERN DEVELOPMENT & APPAREL CONSTRUCTION-II LAB

COURSE CODE	FS 4008
COURSE TITLE	PATTERN DEVELOPMENT & APPAREL CONSTRUCTION-II LAB
NUMBER OF CREDITS	3.5(L-0, T-0, P-7)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

It shows how the techniques of pattern development can be used to find solutions to challenges posed by the anthropometry of the human body and how these techniques are used to generate the blueprint of a functional garment incorporating all functional and aesthetic components and trying on helps in fitting.

SUBJECT LEARNING OUTCOMES [SLOS]:

After completing this subject, the learner will attain to:

1. Learn about the Clothing-design analysis, pattern making, and planning construction activities.
2. Planning and control of clothing-manufacturing activities.
3. Achieve a range of principles and concepts for pattern cutting are presented from different perspectives
4. Analyzed to identify the location of the dart before manipulating the pattern.
5. Objective evaluation and subjective assessment of clothing fit.

CONTENTS

1. PREPARE A PAPER PATTERNS OF THE MENTIONED GARMENT IN FULL SCALE WITH ONE ADAPTATION OF EACH	25
1.1 Upper Garments	
1.1.1 Kurta	
1.1.1.1 Fitted Kurta	
1.1.1.2 A-line Kurta	
1.1.1.3 KalidarLucknawi Kurta	
1.1.2 Saree Blouses	
1.1.2.1 Simple Blouse	
1.1.2.2 Belted Blouse	
1.1.2.3 Choli Cut Blouse	
1.2 Designer Blouse- Princess line	
1.3 Lower Garments	
1.3.1 Salwar	
1.3.1.1 Without Belt	
1.3.1.2 With Belt	
1.3.2 ChuridarPyjama	
2. LAYOUT, CUT, STITCH AND FINISH GARMENT MENTIONED BELOW	58
2.1 Upper Garments	
2.1.1 Kurta	
2.1.2 Saree Blouses	
2.2 Lower Garments	
2.2.1 Salwar	
2.2.2 ChuridarPyjama	
3. FASHION ACCESSORIES	8
3.1 Fashion Jewellery	

3.2 Purse and Bag

3.3 Hand Gloves

REFERENCE BOOKS:

- | | |
|--|-------------------------------------|
| 1. Cutting & Tailoring Part 1- 2 | Ishwari&Anwari |
| 2. Pattern Making for fashion Design | Helen Joseph Armstrong |
| 3. Zarakar System of Cutting | Zarakar |
| 4. Basic Pattern Skills for Fashion Design | Bernard Zamkoff |
| 5. Readers Digest- Complete Guide of Sewing.
London | The Readers Digest Association Ltd. |

SEMESTER SCHEME 2020-21

ENVIRONMENTAL STUDIES-II LAB

Course Code	FS-4009 (Common in All Branches of Non Engineering)
Course Title	Environmental Studies-II lab
Number of Credits	1.0 (L-0, T-0, P-2)
Prerequisites	None

Course Objective:

Environmental study is a subject as per directions of Supreme Court / Govt. of India. Under Act. 51 A (g) of our constitution it is our fundamental duty to protect our environment.

A diploma holder must have knowledge of different types of pollution so that she may help in balancing the eco system and controlling pollution by pollution control measures. She should also be aware of environmental laws related to the control of pollution.

Course Outcomes

After completing the course the Learner will

- Understand the extent of Land pollution in their city.
- Understand the local birds, plants, insects.
- Importance of Afforestation (Plantation)
- Have awareness towards Environment

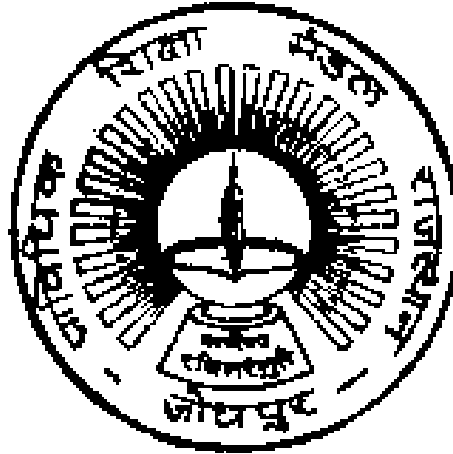
Practicals

1. Visit to local area to document environmental assets-mountain/ desert / river / forest
2. Study of local birds, plants, insects
3. Plantation
4. Environmental awareness campaign through exhibitions

Note : After visits/ study, the students will prepare posters , charts , reports for exhibitions / presentations.

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN JODHPUR

SEMESTER SCHEME-2020-21



V SEMESTER
(SESSION 2022-2023 & ONWARDS)

PROFESSIONAL MANAGEMENT& ENTREPRENEURSHIP-I

Course Code	FS 5001(Common to all Branches of Non Engineering)
Course Title	Professional Management & Entrepreneurship-I
Number of Credits	3 (L-3, T-0, P-0)
Prerequisites	None

Course objective:

To achieve the targets and goals in an organization, it is essential to have the knowledge of various facets of businesses and management. On the other hand, economic development of a nation much depends upon entrepreneurship development. With large pool of technically educated youth and open market system, a big number of youth can turn to be business ventures, generating employment opportunities and leading to better utilization of resources.

This course not only gives an insight into the basic concepts, principles and processes of management and business organizations but also understanding of different aspects of entrepreneurship development to young entrants.

COURSE OUTCOMES

On completion of the course student will be able to:

1. Get familiarize with basics of business organization and management
2. Acquire the essential knowledge required for becoming an entrepreneur

COURSE CONTENTS**1. Meaning and Scope of Business**

- 1.1 Definition
 - 1.1.1 Profession
 - 1.1.2 Trade
 - 1.1.3 Industry
- 1.2 Objectives of business and profession

2. Types of Business Organization

- 2.1 Brief description
- 2.2 Advantages and disadvantages of
 - 2.2.1 Individual/Sole
 - 2.2.2 Partnership
 - 2.2.3 Cooperative
 - 2.2.4 Private and Public limited organizations
- 2.3 Organizational Charts
- 2.4 Business Ethics
- 2.5 Characteristics of small businesses

3. Management Techniques

- 3.1 Leadership
- 3.2 Authority
- 3.3 Responsibility
- 3.4 Functions of Management

4. Human Resource Management

- 4.1 Functions & Importance
- 4.2 Human resource planning
- 4.3 Training
- 4.4 Mentoring

- 4.5 Motivating
- 4.6 Grievances and their handling

5. Material Management

- 5.1 Duties of purchase department
- 5.2 Purchase order & Contracts
- 5.3 Tendering Procedure
- 5.4 Tenders and their types
- 5.5 Tender related costs
- 5.6 Store Keeping
 - 5.6.1 Objectives
 - 5.6.2 Receipt and issue of material
 - 5.6.3 Physical verification of store
 - 5.6.4 Disposal methods

6. Entrepreneurship

- 6.1 Introduction, scope and need
- 6.2 Characteristics of Entrepreneurship
- 6.3 Classification of Industries
- 6.4 Types of Industries
- 6.5 Industrial Policy

7. Entrepreneurship Support Systems

- 7.1 Institutional support from state and central organizations viz NSIC, SIDO, KVIC, DIC, SIS SIDBI, SFC, RFC etc
- 7.2 Loan/credit facilities by banks and financial institutions
- 7.3 Facilities to Women entrepreneurs
- 7.4 Important legislations (Factory Act, Minimum Wage Act, Workmen Compensation Act etc)

REFERENCES:

- 1. Industrial Engineering and Management, O P Khanna
- 2. Handbook of Small Scale Industry by P M Bhandari
- 3. Entrepreneurial Development, S S Khanka, S Chand
- 4. Industrial Engineering and Management, Sharma and Banga
- 5. Entrepreneurial Development Dr S S Khanka, S Chand Publishing
- 6. Management and Entrepreneurship, V K Sharma and O P Harkut, Scientific Publishers
- 7. Entrepreneurship Development Handbook, O P Harkut and J P Vaishnav, Scientific Publishers
- 8. Entrepreneurship Development And Management, J S Narang, Krishan Lal, V Dalal, Dhanpat Rai

DYNAMICS OF FASHION I

SUBJECT CODE	FS-5002 (Same as FT 5002)
SUBJECT TITLE	Dynamics Of Fashion- I
NUMBER OF CREDITS AND HOURS PER WEEK	3(L-3 T-0 P-0)
PRERESQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

The fashion has intensity, vigour, energy, and motion. In the changing world of fashion explains how fashion evolves and change, it also explains the principles around which fashion revolves and the role that economic, sociological, and psychological elements play in the cyclical nature of fashion. It also covers the business scope of the industry including growth and expansion.

SUBJECT LEARNING OUTCOMES (SLOs)

After achieving the knowledge related to the mentioned subject contents the learner will be able:

1. To Help them to motivate, through a structural learning process, about the nature in order to avail the mastery of the key contents.
2. To understand the innovation and challenge of careers in today's fashion business, environment and movement of fashion.
3. To view fashion as an art and science as well.

CONTENTS

1. NATURE OF FASHION	12
1.1 Importance and misconceptions of Fashion	
1.2 Terminology of Fashion	
1.3 Components and Principles of Fashion	
1.4 Fashion Cycle and intangibles of Fashion	
2. ENVIRONMENT OF FASHION	15
2.1 Market Segmentation	
2.2 Economic Environment	
2.3 Sociological Environment	
2.4 Psychological Environment	
3. MOVEMENT OF FASHION	12
3.1 Factors influencing Fashion Movement	
3.1.1 Accelerating Factors	
3.1.2 Retarding Factors	
3.2 Predicting the Movement of Fashion	
3.3 Fashion Adoption Theories	
3.4 Fashion Leaders and Fashion Followers	
3.5 Fashion as an Expression of Individuality	

REFERENCE BOOKS

1. The Dynamics of Fashion by Elaine Stone
2. The World of Fashion by Jay Diamond
3. Basic Fashion Management 01: Concept to Customer by Virginia Grose

FASHION THEORIES -III

SUBJECT CODE	FS-5003
SUBJECT TITLE	Fashion Theories -III
NUMBER OF CREDITS AND HOURS PER WEEK	3.0(L-3- T-0-P-0)
PRERESQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

This subject overview the textiles and costumes are the mankind's earliest times and belong to a very old tradition of design and symbols. Style according to body type, facial features, interests, and activities and will learn to plan wardrobe or customize clothing. Wardrobe Planning Entry level project; getting-to-know-yourself activities, wardrobe inventory. In the Marketplace Clothing workmanship, making the most of your clothing money. Clothing Coordination mixing and matching clothing to make the most of individual wardrobe.

SUBJECT LEARNING OUTCOMES (SLOs)

After studying the learner will gain a positive impact related to:

1. Learn about the contemporary textiles and costumes which reflect their spirit, consciousness and the vibrancy of the society in which they live.
2. The preservation, revival and study of the best of the textiles and costumes are necessary to provide a guide to good craftsmanship
3. Developing their own strategy for refining style and building the perfect wardrobe.
4. Learning clothing as a systematic means of transmitting information about the wearer and even able to determine physical characteristics of the clothing that influence clothingselection and practices.

CONTENTS

1. TRADITIONAL INDIAN COSTUMES OF INDIA	12
1.1 West zone	
1.2 East zone	
1.3 Central	
2. DESIGN FOR INDIVIDUAL APPLICATION FOR	9
2.1 Men	
2.1.1 To Appear Heavier	
2.1.2 To Appear Thinner	
2.1.3 To Appear Taller	
2.1.4 To Appear Shorter	
2.2 Women	
2.2.1 To Appear Heavier	
2.2.2 To Appear more slender	
2.2.3 To Appear Taller	
2.2.4 To Appear Shorter	
2.3 Face framing details for men and women	
2.3.1 Hair design	
2.3.2 Necklines	
2.3.3 Hat styles	

2.3.4 Jewellery

2.3.5 Eyeglasses

3. **WARDROBE PLANNING**

18

3.1 Steps in planning wardrobe

3.1.1 Exploring Resources

3.1.2 How to select colour and pattern

3.1.3 Psychology of colours

3.1.4 Basic rules to develop good taste

3.1.5 How to select and wear clothes according to personality

3.2 Fit in clothing

3.2.1 Fit in motion

3.2.2 Fit determined by style, use and preference

3.2.3 Areas to check for fit in a Woman's Dress and Man's suit

REFERENCE BOOKS

1. INDIVIDUALITY A GUIDE FOR THE CONSUMERS BY MARY KEFGEN AND PHLYLLIS TOUCHIE- SPECHT
2. ANCIENT INDIAN COSTUMES by ROSHEN ALKAZI
3. INDIAN TEXTILES AND CLOTHING BY DR. BHAAU DAJI
4. TEXTILES IN ANCIENT INDIA BY DR. KIRAN SINGH

PATTERN DEVELOPMENT & APPAREL CONSTRUCTION- III

COURSE CODE	FS 5004
COURSE TITLE	Pattern Development & Apparel construction- III
NUMBER OF CREDITS AND HOURS PER WEEK	3.0(L-3, T-0, P-0)
PREREQUISITES	NIL

RATIONALE- SUBJECT LEARNING OBJECTIVES:

The study sought an analysis of the relevance of the garment construction techniques such as Garment design, pattern making and grading. Garment construction in men's clothing is a technical accomplishment that requires the thoughtful and accurate, factual knowledge and skills of basic sewing techniques. Pattern grading is a technique used to increase or decrease the size of a garment pattern according to the measurements in a given size chart or pattern grading which is the scaling of a pattern to a different size by incrementing important points of the pattern using an algorithm in the clothing industry.

SUBJECT LEARNING OUTCOME [SLO's]

After completion of this Subjects the learner will be able to attain knowledge relevant to:

1. Explore variations in men's clothing size and body sizes.
2. To conceptually think fit as a platform for further evaluating the fit in clothing.
3. Importance of a block patterns as a Master pattern or base of all the relevant men's clothes.
4. Understanding the drafting process of enlarging or diminishing a style pattern into patterns for other sizes.

Note: ALL CONTENTS ARE RELATED TO GENTS GARMENTS.

1. MEASUREMENTCHART FOR TEEN BOY AND MEN'S WEAR	5
1.1Cutter Practical Guide System (direct measurements) and its application	
1.2 Calculate measurements for men's garments according to "Eight Head Theory"	
1.3 Studyof various types of men's figure	
1.3.1 According to somatotypes	
1.3.1.1 Endomorph	
1.3.1.2 Mesomorph	
1.3.1.3 Ectomorph	
1.3.2According to Abnormalities	
1.3.2.1 Corpulent Figure	
1.3.2.2 Semi Corpulent Figure	
1.3.2.3 Stooping Figure	
1.3.2.4 Erect Figure	
1.3.2.5 Hunch or Hump Back	
1.3.2.6 Knock Knees and Bow legs	
2. DRAFT OF GENTS BASIC BLOCKS	3
2.1 Shirt blocks	
2.2 Sleeve Block	
2.3 Hip Blocks	
3.CHARACTERISTICS, DERIVATIVES, DRAFTING, LAYOUT AND ESTIMATION OF THE FOLLOWING GARMENTS:	20
3.1 Kurta	
3.1.1 Bengali Kurta	
3.1.2 Kalidar Kurta	
3.2 Aligarh Pyjama	
3.3 Waist Coat	
3. MANUAL GRADING	
3.1 Meaning and Definition of Grading	5
3.2 Importance and Uses of Grading	
3.3 Techniques and method of Grading	

- 3.4 Principle of Grading
- 3.5 Components of Grading
 - 3.5.1 Grading Application
 - 3.5.1.1 Master Grades
 - 3.5.1.2 Basic Grades
 - 3.5.2 Size Chart
 - 3.5.3 Increments
 - 3.5.4 Axis
 - 3.5.5 Cardinal points
- 4.6 Factors affecting Grading Process

5. FITTING

- 5.1 Refining the fit
 - 5.1.1 First Fitting
 - 5.1.1.1 Pin Basting
 - 5.1.1.2 Hand Basting
 - 5.1.1.3 Machine Basting
 - 5.1.2 Second Fitting
 - 5.1.3 Evaluating the fit
 - 5.1.4 Final Fitting
- 5.2 Minor and Major fitting problems and their remedies

REFERENCE BOOKS

Metric Pattern Cutting for Men's Wear

Winfred Aldrich

Singer Sewing Books

Singer & Raw

Vogue Fitting

Harper Raw

The Art of Sewing

Anna Jacob

FASHION ILLUSTRATION & PRESENTATION TECHNIQUES III- LAB

COURSE CODE	FS- 5005
COURSE TITLE	Fashion Illustration & Presentation Techniques III Lab
NUMBER OF CREDITS AND HOURS PER WEEK	1.5 (L-0,T-0, P-3)
PREREQUISITES	NIL

-SUBJECT LEARNING OBJECTIVES:

This subject is designed to develop the skill of men's fashion drawing in order to visualize and analyze, observe and communicate ideas and concepts. The visual aids such as fashion templates & images carry messages within them and become a communication medium for the designer.

SUBJECT LEARNING OUTCOMES [SLOS]:

After completing this subject, the learner will be able to:

1. Draw the fashion figure and communicate apparel design details using a variety of media.
2. Introduction to various medium for stylization of croquis.
3. Develop the skill of fashion illustrations, in order to visualize and analyze, observe and communicate ideas and concepts.
4. Understand how trend forecasting is used in the fashion industry.

Note: ALL CONTENTS ARE RELATED TO MENS FASHION.

1. FASHION DRAWING: ANALYZING PROPORTION & POSE (Manual drawing Male) 9

- 1.1 Figure Drawing in 8 head, 9 ½ head and 10 ½ head
 - 1.1.1 Stick Figure
 - 1.1.2 Block Figure
 - 1.1.3 Flesh Figure
- 1.2 Three-Dimensional Figure in Perspective
 - 1.2.1 Front View
 - 1.2.2 Profile or side View
 - 1.2.3 Three quarter View
 - 1.2.4 Back View

2. CREATION OF VARIOUS BOARD PHYSICAL AND DIGITAL RELEVANT TO FASHION LISTED BELOW 18

- 2.1 Explore, Illustrate and identify the listed Boards according to applicable Components with explanations
 - 2.1.1 Colour Board
 - . Advancing Colour Board
 - . Receding Colour Board
 - . Seasonal Colour Board
 - 2.1.2 Texture Board
 - 2.1.3 Fabric Swatch Board
- 2.2 Technical Flat drawings and Stylized drawings for Male Garments-
 - 2.2.1 Casual Wear
 - . Summers and Winters
 - . Indoor and Outdoor
 - 2.2.2 Formal Wear
 - . Summers and Winters

3. PREPARE A COLLAGE OF ILLUSTRATED GARMENT ON A CROQUIS 6

- 3.1 Digital Collage
- 3.2 Fabric Collage

4. ILLUSTRATE FABRIC DRAPE ON DUMMY

6

- 4.1 Denim fabric
- 4.2 Corduroy fabric
- 4.3 Gingham fabric
- 4.4 Khaki fabric
- 4.5 Woollen fabric

REFERENCE BOOKS:

- | | |
|--|------------------|
| 1. Fashion Design Illustrations | Ritu |
| 2. Foundation in Fashion Design and Illustration | Julian Seaman |
| 3. Fashion Illustration Techniques | ZeshuTakamura |
| 4. How to Draw & Paint Fashion | Walton T. Foster |
| 5. Fashion IllustrationBina Abling | |
| 6. Fashion Design & Product DevelopmentHarold Carr | |
| 7. Visual Design & DressMarian L. Davis | |

SEMESTER SCHEME 2020-21

SURFACE EMBELLISHMENT III- LAB

COURSE CODE	FS 5006
COURSE TITLE	Surface Embellishment III Lab
NUMBER OF CREDITS AND HOURS PER WEEK	1.5(L-0, T-0, P-3)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

Machine embroidery is a very cost affective surface Embellishment technique used in the fashion industry to decorate garments and accessories. It involves lots of skills and creativity. Embroidery machines are equipped with technologically advanced tools that create perfect designs and patterns. This subject provides an insight about how-to enhance the look of the garments and accessories by using Machine embroidery.

SUBJECT LEARNING OUTCOMES [SLOs]:

After completing this subject, the learner will be able to attain:

1. Acquire knowledge about Machine Embroidery.
2. Be familiar with tools and techniques of use of different methods of machine embroidery.
3. Develop a skill to create contemporary styles of embroideries for fashion garments
4. Combine multiple techniques to create different textures, looks, and colours.

CONTENTS**PREPARE SAMPLES OF THE FOLLOWING EMBROIDERY STITCHES WITH MACHINE 18**

Brief knowledge of the Embroidery such as Introduction, origin, material used, transferring method, techniques and uses

1.1 Basic Stitches

- 1.1.1 Running stitch
- 1.1.2 Round stitch
- 1.1.3 Satin stitch
- 1.1.4 Long and short stitch
- 1.1.5 Cording stitch
- 1.1.6 Eyelet stitch
- 1.1.7 Couching stitch

2. PREPARE SAMPLES OF THE FOLLOWING FANCY EMBROIDERY WITH MACHINE 15

- 2.1 Cut work
- 2.2 Wool work
- 2.3 Ribbon work
- 2.4 Quilting
- 2.5 Patch work
- 2.6 Applique work
- 2.7 Imitation Velvet work
- 2.8 Letters and Monograms
- 2.9 Bead and Sequin work

3. PREPARE A SAMPLE FILE OF EMBROIDERIES MENTIONED ABOVE WITH A SPECIAL

INDICATION OF:

6

- 3.1 Material required for each Embroidery
- 3.2 Stitches used in each Embroidery
- 3.3 Collection of relevant motifs and Patterns of each Embroidery

REFERENCE BOOKS:

1. The WI creative Guide to Machine Embroidery EmidGrattenGuinnes
2. The Dictionary of Needle Craft Saward S.F.A.Caultfield and B.C.
3. Quilting Around the World Watson Isabel Stanley and Jenny
4. Reader's Digest for Embroidery Reader's Digest
5. Machine Embroidery Kristen Dibbs
6. Embroidery Stitching Brown Christen

CAD FOR FASHION DESIGN-I- LAB

COURSE CODE	FS- 5007
COURSE TITLE	CAD FOR FASHION DESIGN-I LaB
NUMBER OF CREDITS AND HOURS PER WEEK	1.5 (L-0,T-0, P-3)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES:

COMPUTER-AIDED DESIGN software becomes one of the most essential tools for pattern making and related jobs in the fashion industry. It is used for pattern making, pattern grading, and the making of the marker. CAD software increase the productivity of the fashion designer, improve the quality of design, improve communications through documentation, and to create a database for manufacturing. The course provides students with an opportunity to understand the importance of combining technology with creativity for a quality output.

SUBJECT LEARNING OUTCOMES [SLOS]:

After completing this subject, the learner will be able to:

1. Develop understanding of application of computers in pattern making.
2. Draft and grade pattern using relevant computer software.
3. Perform marker planning for specified pattern using computerized marker making system
4. Calculate fabric consumption quickly while doing costing or fabric procurement.
5. Create multiple variations of a single design and style

CONTENTS

1. **INTRODUCTION OF CAD SYSTEM & ITS APPLICATION IN FASHION INDUSTRY** 12
 - 1.1 Master Pattern System (MPS)
 - . To create block pattern
 - 1.2 Pattern Design System (PDS)
 - . Construction and development of styled patterns
 - 1.3 Pattern Generation System (PGS)
 - . To generate patterns for secondary materials
 - 1.4 Dynamic Pattern Grading (DPG)
 - . Grading of garment patterns
 - 1.5 Pattern drafting
 - 1.6 Layout and Marker planning (marker making)
 - 1.7 Grading
 - 1.8 Digitizing
2. **PREPARE BLOCK PATTERN, GRADED PATTERN AND MARKER PLANNING OF THE FOLLOWING GARMENTS** 27
 - 2.1 CHILDREN'S WEAR
 - 2.1.1 Frock
 - 2.1.2 Baba suit
 - 2.2 WOMEN'S WEAR
 - 2.2.1 Top
 - 2.2.2 Skirt
 - 2.2.3 Princess line Dress
 - 2.2.4 Kurta
 - 2.2.5 Salwar

REFERENCE BOOKS:

1. Computer Technology for Textiles & Apparel
2. CAD in Clothing and Textiles
3. Respective software manuals

Hu J
Winfred Aldrich

- | | |
|--|-----------------------------|
| 4. CAD For Fashion Design and Merchandising | Stacy Stewart Smith |
| 5. Computer-Aided Pattern Design and Product Development | Beazley, Alison Bond, Terry |
| 6. Fashion Patternmaking Techniques | Promo press |

SEMESTER SCHEME 2020-21

PATTERN DEVELOPMENT & APPAREL CONSTRUCTION- III- LAB

COURSE CODE	FS 5008
COURSE TITLE	Pattern Development & Apparel Construction- III LAB
NUMBER OF CREDITS AND HOURS PER WEEK	3.5(L-0, T-0, P-7)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

The study sought an analysis of the relevance of the garment construction techniques such as Garment design, pattern making and grading. Garment construction in men's clothing is a technical accomplishment that requires the thoughtful and accurate, factual knowledge and skills of basic sewing techniques. Pattern grading is a technique used to increase or decrease the size of a garment pattern according to the measurements in a given size chart or pattern grading which is the scaling of a pattern to a different size by incrementing important points of the pattern using an algorithm in the clothing industry.

SUBJECT LEARNING OUTCOME [SLO's]

After completion of this Subjects the learner will be able to attain knowledge relevant to:

1. Explore variations in men's clothing size and body sizes.
2. To conceptually think fit as a platform for further evaluating the fit in clothing.
3. Importance of a block patterns as a Master pattern or base of all the relevant men's clothes.
4. Understanding the drafting process of enlarging or diminishing a style pattern into patterns for other sizes.

Note: ALL CONTENTS ARE RELATED TO GENTS GARMENTS

1. **PREPARE A PAPER PATTERNS OF THE MENTIONED GARMENT IN FULL SCALE WITH ONE ADAPTATION OF EACH** 28
 - 1.1 Kurta
 - 1.1.1 Bengali Kurta
 - 1.1.2 Kalidar Kurta
 - 1.2 Aligarhi Pyjama
 - 1.3 Waist Coat
 - . Nehru cut
2. **LAYOUT, CUT, STITCH AND FINISH GARMENT MENTIONED BELOW** 51
 - 2.1 Kurta
 - . Bengali Kurta
 - . Kalidar Kurta
 - 2.2 AligarhiPyjama
 - 2.3 Waist Coat
3. **GRADING** 12

Grade the following garment in small, medium and large size

 - 3.1 Plain Kurta
 - 3.2 Pyjama

REFERENCE BOOKS

Metric Pattern Cutting for Men's Wear	WinfredAldrich
Singer Sewing Books	Singer & Raw
Vogue Fitting	Harper Raw
The Art of Sewing	Anna Jacob

HOME FASHION-LAB

COURSE CODE	FS 5009
COURSE TITLE	Home Fashion Lab
NUMBER OF CREDITS AND HOURS PER WEEK	1.5(L-0,T-0,P-3)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

The term 'Household Linen' encompasses all the things we use at home that are made of fabric intended for everyday use. The main objective of this course is to make students understand the home fashion products & related vocabulary, apply design principles, and design process related to the home fashion line. This subject provides designing & technical skills required for home fashion product development, using variety of surface decoration techniques.

SUBJECT LEARNING OUTCOMES [SLO's]:

After completing this subject, the learner will be able to:

1. Apply fashion elements and principles of design to create home fashion products
2. Identify fashion trends in the home fashion industry.
3. Explore different types of materials used in home decoration.
4. Construct home furnishing articles.
5. Develop designs for home fashion products.

CONTENTS**1. PREPARE AN ARTICLE FULFILLING THE FOLLOWING CRITERIA AND STEPS 30**

- Harness knowledge of the appropriate material, tools and equipments required
- Maintain the Size Specification sheet before generating an article
- Logical placement of design on an article
- Furnish an article using surface techniques such as embroidery by hand or machine, printing and painting, crochet, macramé etc.

1.1 Dining Table Linens

- 1.1.1 Table Cover—round/square/rectangle
- 1.1.2 Runner and Place mats
- 1.1.3 Dining mats, Serviettes (Napkins)and Coasters

1.2 Bed Linens

- 1.2.1 Baby Quilt with Bolsters
- 1.2.2 Pillow Covers

1.3 Living Room

- 1.3.1 Cushion Covers
- 1.3.2 Window Curtains

1.4 Kitchen Linens

- 1.4.1 Tea Cozy and Tray cover
- 1.4.2 Apron and Kitchen Mitts

2. PREPARE A SAMPLE FILE 9

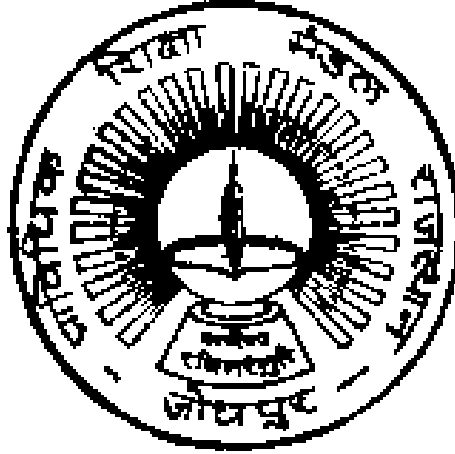
- 2.1 Standard measurement Chart of the above mentioned articles
- 2.2 Size specification sheet of an article to be prepared by a student
- 2.3 Placement of design according to an article
- 2.4 Collection of different types of material required
- 2.5 Collection of Designs used in home fashion products

REFERENCE BOOKS

1. "Vogue" Guide to knitting, crochet and Macrame (ISBN)
2. Creative Family Home - Ashlyn Gibson
3. Soul of the Home: Designing with Antiques-Tara Shaw

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN JODHPUR

SEMESTER SCHEME-2020-21



VI SEMESTER
(SESSION 2022-2023 & ONWARDS)

PROFESSIONAL MANAGEMENT& ENTREPRENEURSHIP-II

Course Code	FS 6001 (Common to all branches of Non Eng.)
Course Title	Professional Management& Entrepreneurship-II
Number of Credits	3 (L-3, T-0, P-0)
Prerequisites	None

Course objective:

To achieve the targets and goals in an organization, it is essential to have the knowledge of various facets of businesses and management. On the other hand, economic development of a nation much depends upon entrepreneurship development. With large pool of technically educated youth and open market system, a big number of youth can turn to be business ventures, generating employment opportunities and leading to better utilization of resources.

This course not only gives an insight into the basic concepts, principles and processes of management and business organizations but also understanding of different aspects of entrepreneurship development to young entrants.

Course Outcomes

On completion of the course student will be able to:

1. get familiarize with basics of business organization and management.
2. acquire the essential knowledge required for becoming an entrepreneur.

COURSE CONTENTS**1. Financial Management**

- 1.1 Sources of Finance
- 1.2 Cash and Credit
- 1.3 Cheque and Draft
- 1.4 Brief idea of cost accounting

2. Tax and Insurance

- 2.1 Brief idea about direct and indirect taxes
- 2.2 Industrial insurance

3. Quality Management

- 3.1 Concept of quality
- 3.2 Quality Assurance
- 3.3 Online & offline quality control
- 3.4 Factors responsible for deviation
- 3.5 ISO 9000 model
- 3.6 Total quality management.

4. Sales and Marketing Management

- 4.1 Concept of Marketing
- 4.2 Marketing Mix (4P)
- 4.3 Advertising and Sales Promotion
- 4.3 Sales Vs Marketing
- 4.4 Functions of marketing department
- 4.5 After sales services

5. Setting up an SSI

- 5.1 Steps in setting up an SSI
- 5.2 Pre market survey
- 5.3 Product Identification
- 5.4 Site selection & land allotment
- 5.5 Procurement of raw materials

5.6 Establishment of Machinery

6. Project Report

- 6.1 Procedure of preparing a project report
- 6.2 Format of a project report
- 6.3 Analysis of sample project reports

Important: An entrepreneurship camp can be arranged by the institutions stretched over 3-4 days with the help of agencies such as RIICO, DST, RajCON, DOI, banks etc. However no question should be asked in examination from this event.

REFERENCES:

1. Industrial Engineering and Management, O P Khanna
 2. Handbook of Small Scale Industry by P M Bhandari
 3. Entrepreneurial Development, S S Khanka, S Chand
 4. Total Quality Management, M P Poonia and S C Sharma
 5. Industrial Engineering and Management, Sharma and Banga
 6. Entrepreneurial Development Dr S S Khanka, S Chand Publishing
 7. Management and Entrepreneurship, V K Sharma and O P Harkut, Scientific Publishers
 8. Entrepreneurship Development Handbook, O P Harkut and J P Vaishnav, Scientific Publishers
 9. Entrepreneurship Development And Management, J S Narang, Krishan Lal, V Dalal, Dhanpat Rai
- Note: Students are advised to supplement their readings on latest development in entrepreneurship through internet and open courseware.

DYNAMICS OF FASHION II

SUBJECT CODE	FS-6002(Same as FT 6002)
SUBJECT TITLE	Dynamics Of Fashion- II
NUMBER OF CREDITS AND HOURS PER WEEK	3.0 (L-3 T-0 P-0)
PRERESQUISITES	None

SUBJECT LEARNING OBJECTIVES

The subject contents express fashion as fabulous, fascinating and fun and the study of fashion involves history, psychology, sociology and art and Fashion is affected by technological breakthroughs, change in investment patterns, in consumer attitudes, world events and economic forces and fashion is shaped by the basic principles of business and economics.

SUBJECT LEARNING OUTCOMES (SLOs)

After finishing the subject beginners will be supplemented with the contents mentioned:

1. Learns about the growth, expansion, , innovation, diversity and competition of the fashion business.
2. About current trends in consumer's purchasing, lifestyles and attitudes are noted and analysed.
3. Learning related to unlimited opportunities in the field of design who have special talents, both artistic and practical way to shape the consumer's world.

CONTENTS

- | | |
|--|------------------------------|
| <ol style="list-style-type: none"> 1. BUSINESS OF FASHION <ol style="list-style-type: none"> 1.1 Economic importance, scope and concept of Fashion Business 1.2 Designer <ol style="list-style-type: none"> 1.2.1 Types of Designers 1.2.2 Intuition and Insight 1.2.3 Sources for Design Inspiration 1.3 Birth of fashion <ol style="list-style-type: none"> 1.3.1 The Designer's Role 1.3.2 The Manufacturer's Role 1.3.3 The Retailer's Role 1.4 Fashion Merchandising 1.5 Fashion Forecasting Methods and Techniques 1.6 Pre-Buying Activities 1.7 Local and Export Market Analysis 1.8 Export Process and Documentation 1.9 Quality Control 2. CAREER IN FASHION <ol style="list-style-type: none"> 2.1 Planning a Career Skills 2.2 Industry -Manufacturing and Retailing 2.3 Fashion Experts/Designers 2.4 Fashion Communication 2.5 Textile 3. BRIEF KNOWLEDGE OF THE FOLLOWING: <ol style="list-style-type: none"> 3.1 Fashion Trends 3.2 Fashion and Trade Show 3.3 Boutique | <p>18</p> <p>9</p> <p>12</p> |
|--|------------------------------|

3.4 Garment Production Unit

REFERENCE BOOKS

1. The Dynamics of Fashion by Elaine Stone
2. The World of Fashion by Jay Diamond
3. Basic Fashion Management 01: Concept to Customer by Virginia Grose

SEMESTER SCHEME 2020-21

FASHION THEORIES- IV

SUBJECT CODE	FS-6003
SUBJECT TITLE	Fashion Theories- IV
NUMBER OF CREDITS AND HOURS PER WEEK	3.0(L-3 T-0 P-0)
PRERESQUISITES	None

SUBJECT LEARNING OBJECTIVES

Costumes and Textiles have occupied a prominent place in the world, across geographic regions and climatic conditions, since ancient times. The preservation, revival and study of the best of the textiles and costumes are necessary to provide a guide to good craftsmanship. The designs embody the synthesis, over time, of indigenous talents, the new cultural impacts, and the imagery of sign and symbol. Factors affecting types of clothing while buying and brief knowledge about the body proportion.

SUBJECT LEARNING OUTCOMES (SLOs)

After studying the learner will gain a positive impact related to:

1. Provided with the brief knowledge about the traditional costumes of India of northern and southern zone.
2. Able to learn about the environment and culture influencing growth pattern and further develops self-concept or self-image.
3. The individual will be able to select and purchase from a vast array of stores and merchandise.
4. Able to analyse their wardrobe thoughtfully according to clothing needs and buying guides for the family.

CONTENTS

1. TRADITIONAL INDIAN COSTUMES OF INDIA	12
1.1 North zone	
1.2 South zone	
2. BODY PROPORTION	9
2.1 Eight head theory its importance and uses	
2.2 Body growth and development	
2.3 Types of Joints and muscles and its movement	
2.4 Study of Body types and types of human figures	
2.5 Body posture	
3. CLOTHING REQUIREMENTS AND PURCHASE GUIDES	18
3.1 Determining quality in wearing Apparel	
3.1.1 Fabric components	
3.1.2 Construction details	
3.1.3 Finishing details	
3.1.4 Relationship of price to quality	
3.2 Construction features to check when buying	
3.2.1 Men's dress shirt	
3.2.2 Men's suits	
3.2.3 Men's sport coat	
3.2.4 Men's trouser/slacks	
3.3 Clothing Requirements	
3.3.1 infant and toddler	

- 3.3.2 Three to six years
- 3.3.3 Six to eleven years
- 3.3.4 Teen years

REFERENCE BOOKS

1. INDIVIDUALITY A GUIDE FOR THE CONSUMERS BY MARY KEFGEN AND PHLYLLIS TOUCHIE-SPECHT
2. ANCIENT INDIAN COSTUMES by ROSHEN ALKAZI
3. INDIAN TEXTILES AND CLOTHING BY DR. BHAU DAJI
4. TEXTILES IN ANCIENT INDIA BY DR. KIRAN SINGH

SEMESTER SCHEME 2020-21

PATTERN DEVELOPMENT & APPAREL CONSTRUCTION- IV

COURSE CODE	FS 6004
COURSE TITLE	Pattern Development & Apparel Construction- IV
NUMBER OF CREDITS AND HOURS PER WEEK	4.0(L-4, T-0, P-0)
PREREQUISITES	None

SUBJECT LEARNING OBJECTIVES

The study sought an analysis of the relevance of the garment construction techniques such as Garment design, pattern making and grading. Garment construction in men's clothing is a technical accomplishment that requires the thoughtful and accurate, factual knowledge and skills of basic sewing techniques. Pattern grading is a technique used to increase or decrease the size of a garment pattern according to the measurements in a given size chart or pattern grading which is the scaling of a pattern to a different size by incrementing important points of the pattern using an algorithm in the clothing industry.

SUBJECT LEARNING OUTCOME [SLO's]

After completion of this Subjects the learner will be able to attain knowledge relevant to:

1. Explore variations in men's clothing size and body sizes.
2. To conceptually think fit as a platform for further evaluating the fit in clothing.
3. Importance of a block patterns as a Master pattern or base of all the relevant men's clothes.
4. Understanding the drafting process of enlarging or diminishing a style pattern into patterns for other sizes.
5. Pressing and ironing as two separate techniques, done on the particular area of clothing to furnish and administer the perfect form to the clothing.

CONTENTS

1. FINISHING OF THE GARMENT	9
1.1 Meaning & Definition of Pressing and Ironing	
1.2 Pressing Equipment & Aids	
1.3 Importance & Purpose of Ironing and Pressing	
1.4 Category and Stages of Pressing	
1.5 Points to be considered while doing pressing	
1.6 Pressing, Ironing, Folding and Packing of the following garments:	
. Kurta and Pyjama	
. Dress Shirt and Pants	
. Coat	
2. COMPUTERIZED GRADING	12
2.1 Function of the systems	
2.2 Phases of Computerized Grading	
2.2.1 Data Collection	
2.2.2 Data Processing	
2.2.3 Data Presentation	
2.3 System Description	
2.3.1 Central Processing Unit	
2.3.2 Disk Unit	
2.3.3 Visual Display Unit	
2.3.4 Digitizer	
2.3.5 Plotter	
2.4 Pattern Grading Process	
2.4.1 Construction lines	
2.4.2 Points	
2.4.2.1 Grade Points	
2.4.2.2 Secondary or Intermediate Points	
3. CHARACTERISTICS, DERIVATIVES, DRAFTING, LAYOUT AND ESTIMATION OF THE FOLLOWING GARMENTS:	25
3.1 Men's Shirt	
. Dress Shirt	
. Casual Shirt	

3.2 Jeans

3.3 Pant

4. FITTING

6

. Minor and Major fitting problems and their remedies

REFERENCE BOOKS

Metric Pattern Cutting for Men's Wear

Singer Sewing Books

Vogue Fitting

The Art of Sewing

Winfred Aldrich

Singer & Raw

Harper Raw

Anna Jacob

SEMESTER SCHEME 2020-21

FASHION ILLUSTRATION & PRESENTATION TECHNIQUES IV- LAB

COURSE CODE	FS- 6005
COURSE TITLE	Fashion Illustration & Presentation Techniques -IV Lab
NUMBER OF CREDITS AND HOURS PER WEEK	1.5 (L-0,T-0, P-3)
PREREQUISITES	None

SUBJECT LEARNING OBJECTIVES:

This course will help students to create professional fashion illustrations and specification drawings using Adobe Photoshop. Students will learn the skills to create fashion illustrations, design presentations, technical drawings & fashion portfolio, giving students the skills to work within the fashion industry.

SUBJECT LEARNING OUTCOMES [SLOS]:

After completing this subject, the learner will be able to:

1. Learn digital fashion illustrations professionally on Adobe Photoshop.
2. Develop fashion prints & textures
3. create realistic renderings of unique pieces to enhance their portfolios.
4. learn the fundamental tools that a fashion designer needs to work with digital sketches, retouch, colorize, and correct images.
5. Prepare creative digital portfolio for career.

CONTENTS

1 . INTRODUCTION TO ADOBE PHOTOSHOP	12
1.1 Introduction to Tools	
1.2 Image size & Resolutions	
1.3 Image Editing	
1.4 Typography	
1.5 BrushesPaths	
1.6 Vector Shapes using filters	
2 . FASHION ACCESSORY DRAWING IN PHOTOSHOP	6
2.1 Hand Bags	
2.2 Hats	
2.3 Ties	
2.4 Belts	
2.5 Scarves	
3 . RENDERING DIGITAL FASHION PRINTS & FABRICS WITH DIFFERENT MEDIUMS	6
3.1 PRINTS- Floral, Checks, Stripes, Animal, Abstract, Dotted	
3.2 FABRICS-Velvet, Leather, Denim	
3.3 Traditional Prints	
4. E-PORTFOLIO AND DESIGN COLLECTION FOR FASHION SHOW & CAREER PLANNING	15
Explore and Illustrate all the listed Digital Boards according to applicable Components- Images, colours, textures and explanations	
4.1 Theme and Mood Board	
4.2 Inspiration Board	
4.3 Trend/look Board	

- 4.4 Swatch Board
- 4.5 Colour Board
- 4.6 Flat Sketch Board
- 4.7 Trim Board
- 4.8 Accessory Board
- 4.9 Client Board

REFERENCE BOOKS:

- 1.Portfolio Presentation for Fashion Designers
- 2.Fashion and Textile Design with Photoshop and Illustrator
- 3.Digital Fashion Illustration Kevin Tallon
- 4. Fashion Portfolio: Design and Presentation
- 5.Adobe Photoshop for Fashion Design by
- 6.Fashion Flats and Technical DrawingBinaAbling

Linda Tain
Hume Robert

Anna Kiper
Lazear Susan

SEMESTER SCHEME 2020-21

SURFACE EMBELLISHMENT- IV LAB

COURSE CODE	FS-6006
COURSE TITLE	Surface Embellishment -IV LAB
NUMBER OF CREDITS AND HOURS PER WEEK	1.5(L-0,T-0,P-3)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES

Surface Embellishment involves a complete vision of development of new design aspects for novelty in fabric surface, textile products and other fabric artistry. In this course the students will develop a thorough understanding of various Surface Embellishment techniques on through practical exercises.

SUBJECT LEARNING OUTCOMES [SLOS]:

After completing this subject, the learner will be able to:

1. Learn various traditional craft and their technique.
2. Understand fabric structures and design development.
3. Learn application of these techniques of styling and decoration of fabric for value added fashion apparels.
4. Develop an understanding for the components of textile design, and the related process.
5. Get familiar with the design process and to make design ideas using innovative material and techniques.

CONTENTS

1. **PREPARE SAMPLES OF THE FOLLOWING:** 12
Brief knowledge of the following such as Introduction, origin, materials, tools, equipment used, techniques, method and uses
 - 1.1 PRINTING
 - 1.1.1 Direct Printing
 - 1.1.1.1 Block Printing
 - 1.1.1.2 Stencil Printing
 - 1.1.1.3 Painting
 - 1.1.2 Resist Printing
 - 1.1.2.1 Tie and Dye Printing
 - 1.1.2.2 Batik Printing
2. **PREPARE SAMPLES OF THE FOLLOWING YARN CRAFT:** 27
Brief knowledge of the following such as Introduction, origin, material, tools, equipment used, techniques, method and uses
 - 2.1 CROCHET WORK
 - 2.1.1 Basic stitches
 - 2.1.2 Medallion work
 - 2.1.3 Laces and braids
 - 2.2 KNITTING

By hand and machine

 - 2.2.1 Cast on, cast off, increasing, decreasing and seaming
 - 2.2.2 Basic stitches and knitted patterns
 - 2.2.3 Trims- cords, pompons, tassels, fringes, ribbons, laces and braids
 - 2.3 MACRAMME WORK
 - 2.3.1 Calculating and measuring, adding and subtracting the cord
 - 2.3.2 Mounting methods
 - 2.3.3 Basic and fancy Macrame knots and sinnets
 - 2.3.4 Increasing and decreasing methods
 - 2.3.5 Working in square and circle

REFERENCE BOOKS:

- | | |
|---|----------------------------|
| 1. Fabric painting | Slamandin Book.London |
| 2. Textile Printing and Dyeing | Renold Publication.London |
| 3. The Craft Tradition of India | Jaya Jaithley |
| 4. Tie and Dyed Textiles of India | Mapen Publishing Ahmadabad |
| 5. Batik Design | Pipin Van Roojan |
| 6. Treasury of Crochet Techniques & Pattern | Marshall Cavendish |
| 7. Crochet | Ed.of Ladies home journal |
| 8. The Techniques of Macrame | Bonny SchuridBarlsor |
- *****

SEMESTER SCHEME 2020-21

CAD FOR FASHION DESIGN-II LAB

COURSE CODE	FS- 6007
COURSE TITLE	CAD For Fashion Design-II Lab
NUMBER OF CREDITS AND HOURS PER WEEK	1.0 (L-0,T-0, P-2)
PREREQUISITES	NIL

SUBJECT LEARNING OBJECTIVES:

COMPUTER-AIDED DESIGN software becomes one of the most essential tools for pattern making and related jobs in the fashion industry. It is used for pattern making, pattern grading, and the making of the marker. CAD software increase the productivity of the fashion designer, improve the quality of design, improve communications through documentation, and to create a database for manufacturing. The course provides students with an opportunity to understand the importance of combining technology with creativity for a quality output.

SUBJECT LEARNING OUTCOMES [SLOS]:

1. After completing this subject, the learner will be able to:
2. Develop understanding of application of computers in pattern making.
3. Draft and grade pattern using relevant computer software.
4. Perform marker planning for specified pattern using computerized marker making system
5. Calculate fabric consumption quickly while doing costing or fabric procurement.
6. Create multiple variations of a single design and style

CONTENTS

- | | |
|---|---------------|
| 1. INTRODUCTION OF CAD/CAM SOFTWARE USED IN | 6 |
| 1.1 Fashion Design | |
| 1.2 Garment Manufacturing Unit | |
|
2. PREPARE BLOCK PATTERN, GRADED PATTERN AND MARKER PLANNING OF THE FOLLOWING GARMENTS |
20 |
| 2.1 Full sleeve Shirt | |
| 2.2 Trouser | |
| 2.3 T-Shirt | |
| 2.4 Night Wear | |

REFERENCE BOOKS:

- | | |
|--|-----------------------------|
| 1. Computer Technology for Textiles & Apparel | Hu J |
| 2. CAD in Clothing and Textiles | Winfred Aldrich |
| 3. CAD For Fashion Design and Merchandising | Stacy Stewart Smith |
| 4. Computer-Aided Pattern Design and Product Development | Beazley, Alison Bond, Terry |
| 5. Fashion Patternmaking Techniques | Promo press |
| 6. Fashion Computing: Design Techniques and CAD | Burke, Sandra |

PATTERN DEVELOPMENT & APPAREL CONSTRUCTION- IV LAB

COURSE CODE	FS 6008
COURSE TITLE	Pattern Development & Apparel Construction- IV Lab
NUMBER OF CREDITS AND HOURS PER WEEK	3.0(L-0, T-0, P-6)
PREREQUISITES	NIL

RATIONALE-SUBJECT LEARNING OBJECTIVES

The study sought an analysis of the relevance of the garment construction techniques such as Garment design, pattern making and grading. Garment construction in men's clothing is a technical accomplishment that requires the thoughtful and accurate, factual knowledge and skills of basic sewing techniques. Pattern grading is a technique used to increase or decrease the size of a garment pattern according to the measurements in a given size chart or pattern grading which is the scaling of a pattern to a different size by incrementing important points of the pattern using an algorithm in the clothing industry.

SUBJECT LEARNING OUTCOME [SLO's]

After completion of this Subjects the learner will be able to attain knowledge relevant to:

1. Explore variations in men's clothing size and body sizes.
2. To conceptually think fit as a platform for further evaluating the fit in clothing.
3. Importance of a block patterns as a Master pattern or base of all the relevant men's clothes.
4. Understanding the drafting process of enlarging or diminishing a style pattern into patterns for other sizes.
5. Pressing and ironing as two separate techniques, done on the particular area of clothing to furnish and administer the perfect form to the clothing.
6. Adaption in paper pattern of any particular garment furnish it and protect all the dominant features of the styles inhibited in it.

CONTENTS

1. PREPARE A PAPER PATTERNS OF THE MENTIONED GARMENT IN FULL SCALE WITH ONE ADAPTATION OF EACH	21
1.1 Men's Shirt	
1.1.1 Dress Shirt	
1.1.2 Casual Shirt	
1.2 Pants	
1.3 Jeans	
2. LAYOUT, CUT, STITCH AND FINISH GARMENT MENTIONED BELOW	45
2.1 Men's Shirt	
2.2 Pants	
3. GRADING	9
Grade the following garment in small, medium and large size	
3.1 Shirt	
3.2 Pants	
4. FASHION ACCESSORIES	3
. Neck Tie and Bow Tie	

REFERENCE BOOKS

Metric Pattern Cutting for Men's Wear
Singer Sewing Books
Vogue Fitting
The Art of Sewing

Winfred Aldrich
Singer & Raw
Harper Raw
Anna Jacob
