

Session-2019-20

**FACULTY OF VOCATIONAL STUDIES**

**SYLLABUS  
of**

**M.Voc . Textile Design &Apparel Technology  
(Semester: I-IV)**

**(Under Credit Based Continuous Evaluation Grading System)**



**The Heritage Institution**

**KANYA MAHA VIDYALAYA  
JALANDHAR  
(Autonomous)**

**Kanya Maha Vidyalaya, Jalandhar(Autonomous)**  
**Scheme and Curriculum of examinations of Two years Degree Programme**

**M.Voc (Textile Design & Apparel Technology)**

M.Voc (Textile Design & Apparel Technology) Semester – I									
Course Code	Course Type	Course Title	Hrs/ Week	Credit L-T-P	Marks				Examination time ( in Hours)
					Total	Ext.		CA	
						L	P		
MVTL 1231	C	Health Safety & Maintenance	4	4-0-0	50	40	-	10	3
MVTM 1232	C	Fabric Construction	6	2-0-2	100	50	30	20	3+3
MVTP 1233	C	Fashion Draping & Pattern Making	6	2-0-2	100	50	30	20	3+3
MVTP 1234	S	Fashion Illustration & Design	8	0-0-4	50	-	40	10	3
MVTP 1235	S	Garment Construction	8	0-0-4	100	-	80	20	4
MVTP 1236	S	Fashion Digital Designing	4	0-0-2	50	-	40	10	3
MVTP 1237	S	Visual Display	4	0-0-2	50	-	40	10	3
MVTI 1238	S	Internship & Viva Voce	12	0-0-6	100	-	100	-	
			Total	30	600				

**C- Compulsory**  
**S-Skill Enhancement**

**Kanya Maha Vidyalaya, Jalandhar(Autonomous)**  
**Scheme and Curriculum of examinations of Two years Degree Programme**

**M.Voc. (Textile Design & Apparel Technology)**

M.Voc. (Textile Design & Apparel Technology)(Sem-II)								
Course Code	Course Type	Course Title	Credit L-T-P	Marks				Examination time ( in Hours)
				Total	Ext.		CA	
					L	P		
MVTL 2231	C	Fashion Studies	4-0-0	50	40	-	10	3
MVTM 2232	C	Introduction To Textile Science	3-0-1	100	50	30	20	3+3
MVTM 2103	C	Communication Skills in English	3-0-1	100	60	20	20	3+3
MVTP 2234	S	Apparel Production	0-0-4	100	-	80	20	4
MVTP 2235	S	Fashion Digital Designing-II	0-0-2	50	-	40	10	4
MVTP 2236	S	Fabric Craft	0-0-2	50	-	40	10	4
MVTP 2237	S	Fashion illustration & Stylization	0-0-4	100	-	80	20	4
MVTI 2238	S	Industrial Training & Project Report	0-0-6	100	-	100	-	
		Total	30	600				

**C- Compulsory**

**S-Skill Enhancement**

**Kanya Maha Vidyalaya, Jalandhar(Autonomous)**  
**Scheme and Curriculum of examinations of Two years Degree Programme**

**M.Voc. (Textile Design & Apparel Technology)**

M.Voc. (Textile Design & Apparel Technology) Semester – III									
Course Code	Course Type	Course Title	Hrs/ Week	Credit L-T-P	Marks				Examination time ( in Hours)
					Total	Ext.		CA	
						L	P		
MVTL 3231	C	History of Art in Textiles-I	4	4-0-0	50	40	-	10	3
MVTL 3232	C	Fundamentals of Retailing	4	4-0-0	50	40	-	10	3
MVTL 3233	C	Industrial Safety	4	4-0-0	50	40	-	10	3
MVTP 3234	S	Creative Textile Design & illustration	8	0-0-4	100	-	80	20	3
MVTP 3235	S	Advanced pattern making & Grading	4	0-0-2	100	-	80	20	3
MVTP 3236	S	Professional Garment Production	8	0-0-4	100	-	80	20	4
MVTP 3237	S	CAD in Textile Designing-I	4	0-0-2	50	-	40	10	3
MVTI 3238	S	Internship & Project Report	12	0-0-6	100	-	100	-	-
				30	600				

**C- Compulsory**

**S-Skill Enhancement**

**Kanya Maha Vidyalaya, Jalandhar(Autonomous)**  
**Scheme and Curriculum of examinations of Two years Degree Programme**

**M.Voc (Textile Design & Apparel Technology)**

M.Voc (Textile Design & Apparel Technology) (Sem-IV)								
Course Code	Course Type	Course Title	Credit L-T-P	Marks				Examination time ( in Hours)
				Total	Ext.		CA	
					L	P		
MVTL 4231	C	Fashion Event Management and Media	4-0-0	50	40	-	10	3
MVTM 4232	C	History of Art in Textiles-II	3-0-1	100	50	30	20	3
MVTM 4103	C	Communication Skills in English	3-0-1	100	60	20	20	3
MVTL 4234	S	Accessory Designing & Surface Ornamentation	0-0-2	50	-	40	10	3
MVTP 4235	S	Custom Made Sewing	0-0-4	100	-	80	20	4
MVTP 4236	S	CAD in Textile Designing-II	0-0-2	50	-	40	10	3
MVTP 4237	S	Portfolio Design Development	0-0-4	100	-	80	20	3
MVTI 4238	I	Internship & Project Report	0-0-6	100	-	100	-	
			30	650				

**C- Compulsory**  
**S-Skill Enhancement**

**Programme specific outcomes**

**On successful completion of M.Voc. Programme in Textile Design & Apparel Technology,**

**PSO - 1:** Student will adapt their artistic abilities to support their future design career

**PSO - 2 :** This programme encourages a creative , critical approach to embrace current and development issues in the Fashion industry, explored through a scheme of collaborations, guest speakers, industrial visits and trainings.

**PSO - 3:** This programme will help students to transform their design ideas into work of art and offer them the opportunity to learn about current and future industry trends.

**PSO - 4:** Students will assess, propose and apply various technology related to drafting, draping and construction of garments.

**PSO - 5:** Students will be able to illustrate standing figures and able to analyze colour units in their design process

**PSO - 6:** Students will relate the design process to the appropriate manufacturing process.

**PSO - 7:** Students will be able to drape foundation patterns on the dress form through selected in-class exercises.

**PSO -8:** This programme will also enable students to use latest computer aided methods of design which will help them to work in fashion industry.

Session-2019-20  
**M.Voc (Textile Design & Apparel Technology)**  
**(Semester –I)**  
**Health Safety & Maintenance(Theory)**  
**MVTL-1231**

**Course Outcomes:**

After successful completion of this course, students will be able to:

- CO1. Students will learn the knowledge of Health Safety & Maintenance in their field.
- CO2. Students will be able to create awareness of other responsibility towards their health and safety.
- CO3. Students will effectively communicate and collaborate inside adverse work environment.
- CO4. Students will learn to Work in an ethical and professional manner.

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology) (semester –I)**  
**Health Safety & Maintenance**

**MVTL-1231**

**L-T-P**

**4-0-0**

**Theory-4 hours/ week**

**Examination Time-3 Hrs**

**Total Marks-50**

**Theory:- 40**

**CA:-10**

**Instructions to the examiner:**

**The syllabus is divided in four sections as mentioned below:**

**Instructions for the Examiners/Paper Setters and distribution of marks:**

Eight questions of equal marks (8 marks) are to be set, two in each of the four sections (A-D).

Questions of section A-D should be set from units I-IV of the syllabus respectively. Questions may be sub-divided in two parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. ▮

**Unit-I**

- **Health & Safety Terminologies**-Hazards,Hazardous event,Health safety, Corrective actions, Ergonomics
- Introduction to Health & Safety at workplace
- Employees duties & employers duties related to health & safety at workplace.

**Unit-II**

- Scope of occupational health and safety
- Elements of healthy & safe work place
- Types of Accidents

**Unit-III**

- Importance of workplace health and safety
- Introduction to Safety Signs and Signals
- Safety Programmes

**Unit-IV**

- Maintaining healthy and safe workplace – Social and Economics Reasons
- Physical and Psychological Health Hazards and Risk Control –  
Noise, Vibration, Radiation, Stress
- Violence in Workplace

**BOOK REFERENCES:**

- Sharon Clarke; Cary L. Cooper “Managing the Risk of Workplace Stress”.
- Richard E. Wokutch, Cooperation and Conflict in Occupational Safety and Health.
- David A. Hofmann; Lois E. Tetrick, Health and Safety in Organizations: A Multilevel Perspective
- Neil Gunningham; Richard Johnstone, Regulating Workplace Safety: System and Sanctions
- Joseph V. Rees, Reforming the Workplace: A Study of Self-Regulation in Occupational Safety



**M.Voc (Textile Design & Apparel Technology)**

**(Semester –I)**

**Fabric Construction  
MVTM-1232**

**Course Outcomes:**

After successful completion of this course, students will be able to:

CO1.The students will gain knowledge about how looms are classified.

CO2.They will gain knowledge about various weaves.

CO3.They will attain knowledge about the main types of weaving.

CO4.They will identify different fabric construction methods including simple and decorative weaving.

CO5.Student will understand the introduce to aspects of knitting technology.

CO6.Student wili understand the Construction of basic weaves.

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology)(semester –I)**

**Fabric Construction  
(Theory)**

**MVTM-1232**

**L-T-P**

**2-0-2**

**Total Marks:100**

**Theory -50**

**Practical-30**

**CA-20**

**Theory+Practical: 6 hours/ week**

**Examination time: 3+3=6 Hrs**

**Instructions to the examiner:**

**The syllabus is divided in four sections as mentioned below:**

**Instructions for the Examiners/Paper Setters and distribution of marks:**

Eight questions of equal marks (10 marks) are to be set, two in each of the four sections (A-D). Questions of section A-D should be set from units I-IV of the syllabus respectively. Questions may be sub-divided in two parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. ▮

**Unit – I**

**Types of Spinning**-Dry Spinning, Wet Spinning, Melt Spinning, Gel Spinning

**Types of Looms**-Handloom, Shuttle loom with features, Air Jet loom, Water Jet loom

**Unit – II**

**Basic Weaving Operations** – Shedding, Picking, Beating, Taking in and letting off.

**Types of Loom Weaves – Basic Weaves**

Plain Weave, Twill Weave, Rib Weave, Satin Weave, Sateen Weave, Basket Weave, Cord Weave

**UNIT- III**

**Complex and Fancy Weave**

Jacquard weave, Dobby weave, Bird's Eye, Cut pile, Uncut Pile, Lappet weave, Swivel weave

**Diffrence between Woven and Knitted fabrics.**

**Types of Knitting machines:-** Circular and Flat Machines

**UNIT-IV**

**General Knitting terms :-** Wales, Courses, Face and Back, Knitting Needles, Cut and Gauge, Knit Stitch, Purl Stitch, Miss Stitch, Tuck Stitch Fabric

**Fabrics –** Single Jersey, Double Jersey, Interlock, Rib

**Non- Woven Fabrics –** Felting, Bonding & Knotting

**Books Recommended:**

1. Grammer of Textile Design-Nisbet
2. Structural Fabric Design By-Kilby
3. Fibre to Fabric By Ghosh
4. Watson's Advance Textile Design

**M.Voc(Textile Design & Apparel Technology) (semester –I)**  
**Fabric Construction**  
**(Practical)**

**Instruction for the Paper Setter**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner .

**Unit-I**

**Contents:**

Construction of basic weaves –  
Plain,Twill,Rib,Satin,Basket,Cord  
weave,  
Cut pile, uncutpile, Tapestry ,Bird  
Eye.

**Unit-II**

Prepare any three articles-Tray cover, Tea cozy, Table Mat, Cushion Cover,wall hanging.  
any lifestyle product.

**Students to go for hands on experience with weavers and to make at least one article as mentioned in syllabus After Completion article should be submitted in the department.**

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology) (Semester-I)**

**Fashion Draping & Pattern Making (Theory)**  
**MVTM-1233**

**Course Outcomes**

After successful completion of this course, students will be able to:

- CO1.Student will able to apply the knowledge in garment production and textile units CO2.Student will able to use industry terminology and equipment in appropriate ways.  
CO3.Student will able to making basic adaptations to a pattern to accommodate the key measurements.  
CO4.Student will able to understand the knowledge of draping.

Session-2019-20

**M.Voc(Textile Design & Apparel Technology) (semester-I)**  
**Fabric Draping & Pattern Making(Theory)**

**MVTM-1233**

**L-T-P**

**2-0-2**

**Total Marks:100**

**Theory -50**

**Practical-30**

**CA-20**

**Theory+Practical: 6 hours/ week**

**Examination time: 3 Hrs**

**Instructions to the examiner:**

**The syllabus is divided in four sections as mentioned below:**

**Instructions for the Examiners/Paper Setters and distribution of marks:**

Eight questions of equal marks (8 marks) are to be set, two in each of the four sections (A-D).

Questions of section A-D should be set from units I-IV of the syllabus respectively. Questions may be sub-divided in two parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. ▮

**Unit-I**

- **Terminology-** Dress Forms,L-square,sloper, muslin. Balance marks,Dart legs,Central front &, Centrak Back, Apex.
- Anthropometric measurements
- Introduction to Draping-Draping Importance,Draping Tools

**Unit-II**

- Introduction to pattern making:-
- Pattern making tools
- **Pattern making terms**-Notches, grain, grain lines, centre front, back line,bias, bust line waistline, seam line, seams, seam allowances, darts, dart points direction of dart access.
- Pattern Marking,Merits and Demerits of Pattern Making
- Pattern Alteration

**Unit-III**

- Pattern Envelope
- Pattern Layout
- Dart Manipulation

**Unit-IV**

- Fitting – Principles of fitting, standards and steps in fitting techniques, fitting problems and their remedies.

**Books Recommended::**

1. Bernard Zamkoff and Jeanne Price, Creative Pattern Skills for Fashion Design (f.i.t. Collection), 1990, Publisher: Fairchild Books Visual.
2. Helen Joseph Armstrong, Pattern making for Fashion Design, 2000, Dorling Kindersley (India) Pvt. Ltd. India.
3. Draping and Pattern Making for Fashion Design (English, Hardcover, Kamal Khurana)
4. Draping: The Complete Course Paperback – 1 Oct 2013  
by [Karolyn Kiisel](#) (Author)

**M.Voc(Textile Design & Apparel Technology) (semester –I)**  
**Fashion Draping & Pattern Making**  
**(Practical)**

**Instruction for the Paper Setter**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

**Draping basic bodice block:**

Preparation of muslin, Draping steps, Marking and Trueing.

Front, Back: Block with stylized neckline

Front, Back: Block with stylized darts.

**Draping of Sleeve**

Basic sleeve

Stylised sleeve

**Draping of Torso block using following features:**

Fish dart

Princess line

**Draping of Collars**

Convertible collar

Shawl collar

**Developing contoured Patterns:**

- Halter Style
- Off Shoulder
- Double Breasted

**Drafting of Collars:**

- Winged Collar
- Stand & Fall Collar

**Drafting of Sleeves:-**

- Circular/ Handkerchief
- Juliet Sleeve
- Drop Shoulder Sleeve.

**Books Recommended:**

1. Helen Joseph- Armstrong, Draping for
2. Apparel Design, Oct. 1999 Publisher: Fairchild Books & Visual.
2. Connie Amaden – Crawford, The art of fashion Draping, 2<sup>nd</sup> edition (Oct. 1995) Publisher: Fairchild Books, K Visual.
3. Hilde Jaffe, Jurie Reus, Draping for Fashion Design, 1993, Prentice Hall Carrer & Technology.

**M.Voc(Textile Design & Apparel Technology)(semester –I)**  
**Fashion Illustration & Design (Practical)**

**MVTP-1234**

**Course Outcomes:**

After successful completion of this course, students will be able to:

- CO1.**Students will gain knowledge about various art mediums like charcoal, steadlers, posters, water colors, pastels and ink.
- CO2.** They will gain knowledge about patterns and motifs.
- CO3.**Students will attain knowledge of different types of designs and its proper application.
- CO4.**Student will able to create awareness of Current Fashion.
- CO5.**Studentwill effectively communicate with the customer.

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology)(semester –I)**

**Fashion Illustration & Design  
(Practical)**

**MVTP-1234**

**L-T-P**

**0-0-4**

**Practical: 8 Hours/week**

**Examination time:3Hrs.**

**Total Marks: 50**

**Ext. -40**

**CA - 10**

**Instruction for the Paper Setter**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner .

**Basic Gesture drawing**

- Make Stick figures in different poses.
- Make Geometric Figures. Blocking the Human Body,
- Bodyline reading through different poses-any Four

**Fleshed Figure**

- Fashion figure – The Greek Canon, 8, 10 and 12 heads, Front & Back

**Drawing features**

- Face analysis
- Draw features, eyes, nose, ear, lips, face, Hands, arms, feet, legs and hairstyles.

Draping on fashion illustration by using different textures and motifs –any Four

**Books Recommended:**

- 1) Abbing Bina, “ Fashion Sketch Book”, 2006 by Fairchild Publication
- 2) Stan Smith, “The Illustration handbook” 1984 by Macdonld Co.
- 3) Julian Seaman, “Professional Fashion Illustration” by B.T. Batsford Ltd.
- 4) Kathryn McKelvey “Illustrating Fashion” by Blackwell Science.
- 5) Ireland Patrick John, “Fashion Design Drawing Presentation”, 1996 B.T. Batsford Ltd.
- 6) Allen and Seaman, “Fashion Drawing- The Basic Principles” 1994, B.T. Batsford, London.



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**M.Voc(Textile Design & Apparel Technology) (semester –I)**  
**Garment Construction (Practical)**  
**MVTP-1235**

**Course Outcome:**

After successful completion of this course, students will be able to:

CO1.The course will focus on the knowledge of design process in making a collection.

CO2.Students will learn about design research, design inspirations and sourcing.

CO3.Students will gain knowledge about pattern development.

CO4.Students will be able for construction and finishing of the garments.

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology) (semester –I)**  
**Garment Construction (Practical)**

**MVTP-1235**

**L-T-P**

**0-0-4**

**Practical: 8 hours/ Week**

**Examination time:4 Hrs**

**Total Marks: 100**

**Ext.:80**

**CA-20**

**Instructions to the Examiner:**

**Instruction for the Paper Setter**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these.

Paper will be set on the spot by the examiner

Appropriate laying of paper pattern on fabric, maximum utilization of fabric accurate cutting and preparation for sewing with Swatch Board, Cost Sheet, Specification Sheet

**Construct:-**

- Stylized Ladies tops-any two
- Ladies Jumpsuit
- Constuction of Low waisted and High Waisted stylised Skirts
- Bias cut Dress(Ladies)

**Books Recommended:**

- 1) McCall's Sewing in Colour, 1971, Butterrick Publishing Co.
- 2) Singer Sewing Book, 1943, Mary Brooks Picken, Kessinger Publishing.
- 3) Measure, Cut and Sew, Holt Rinehart and Winson.1922, Mc Millian Publishing Company.
- 4) Bray N., Dress Pattern Designing, 2003 (5<sup>th</sup> edition) Willey Blackwell.
- 5) Pattern Making for Fashion Design by Helen Joseph Armstrong, 2005, Prentice Hall.
- 6) Tata Sharon Lee, "Inside Fashion Design", 1977, Francisco Canfield Press,

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology) (semester –I)**  
**Fashion Digital Designing (Practical)**  
**MVTP-1236**

**Course Outcomes:**

After successful completion of this course:

CO1.Students will learn about adobe illustrator.

CO2.They will gain knowledge about Photoshop software.

CO3.Students will learn how to create fashion and design illustrations in CAD.

CO4.They will attain knowledge about various tools of Photoshop and adobe illustrator. CO5.Students will learn to make various fashion details.

**M.Voc(Textile Design & Apparel Technology) (semester –I)**

**Fashion Digital Designing  
(Practical)**

**MVTP-1236**

**L-T-P**

**0-0-2**

**Practical: 4 Hours/ week**

**Examination time: 3 Hrs**

**Total marks -50**

**External-40**

**CA-10**

**Instruction for the Paper Setter**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner .

Drawing the details of the following in Corel Draw & Wacom Digital Applying various textures and effects:

**Collar:**

Mandarin, Cape, Sailors & shirt collar

**Sleeves:**

Raglan, Tulip, Ruffle, Dolman

**Skirts:**

Gathered, Pegged, A- Line, puff ball.

**Trousers:**

Straight Pants, Baggy Pants, Jump Suit, bell bottoms

**Tops:** Tank, Peplum, Off Shoulder, Asymmetric Top

**Pockets:** Flap, Pouch, Patch, Welt

**Drawing the details for the following sheets on Accessories(any Two):**

- Bags
- Bows
- Belts
- caps

**Books Recommended:**

1. Gary David Bouton, “CorelDRAW X7: The Official Guide”, McGraw Hill Education
2. Kogent Learning Solutions Inc. “CorelDraw X7 in Simple Steps”, Dreamtech Press

**M.Voc(Textile Design & Apparel Technology) (semester –I)**  
**Visual Display**  
**MVTP-1237**

**Course Outcomes:**

After successful completion of this course, students will be able to:

CO1.Students will learn about Visual Display and Presentation Skill.

CO2.They will understand skills needed to create and construct 3-dimensional window displays

CO3.Students will learn how to create continuity of theme, layout, signage, merchandise, and lighting presentation.

CO4.They will attain knowledge about various of storytelling, knowledge of materials and tools

**M.Voc(Textile Design & Apparel Technology) (semester –I)**  
**Visual Display**

**MVTP-1237**

**L-T-P**

**0-0-2**

**Practical- 4 Hrs/week**

**Examination Time-3 Hrs**

**Total Marks-50**

**Ext.-40**

**C.A.-10**

**Instructions to the examiner:**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner

- Visual Display- Meaning & Scope
- Types of Visual Display
- Finalization of two themes for window display
- Mood board and story board
- Prop development (any four for each theme), handling the mannequins
- Window display (any two)

Layout Design and illustration of interior and window display for:

- Boutique
- Design studio

**M.Voc(Textile Design & Apparel Technology) (semester –I)**  
**Internship & Viva Voce**

**MVTI-1238**

**Course Outcomes:**

After successful completion of this course:

CO1. students will be able to enhance the industrial experience.

CO2. They will understand develop and enhance professional awareness and communication skills.

CO3. Students will learn how to work in formal working environment and the benefits of team work.

CO4. . Students will experience to understand, discuss and evaluate the professional issues relating to textile.

**M.Voc(Textile Design & Apparel Technology) (semester –I)**

**Internship & Viva Voce**

**MVTI-1238**

**Total Marks-100**

**L-T-P**

**0-0-6**

**Practical-12 hours**

All the students will submit their Training Reports (in duplicate) within a period of one month in the department; this period shall be counted from the last date of completion of their training. The supervisor in the organization under whose guidance the training is carried out will be required to grade the student's report.

Each student will be attached with one internal faculty guide, with whom they shall be in continuous touch during the training period. The internal faculty guide will be required to evaluate on the basis of the assessment report provided by the organization where the Training has been completed and his/her own assessment about the work done by the student.

The evaluation of the remaining 90 marks shall be evaluate on the basis of presentation and the assessment report received from the organization where student has undergone.



**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
**Fashion Studies (Theory)**  
**MVTL-2231**

**Course Outcomes:-**

After successful completion of this course, students will be able to:

CO1 To explain the primary functions of clothing.

CO2 To understand the effect of various social factors on clothing.

CO3 To understand the effect of various Psychological factors on clothing

CO4 To identify and discuss different concepts related to clothing.

CO5 To discuss different types and styles of clothing.

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
Fashion Studies  
(Theory)

**MVTL-2231**  
**L-T-P**  
**4-0-0**

**Total Marks-50**  
**Ext.-40**  
**C.A-10**

**Theory-4 hours/ week**  
**Examination Time-3 Hrs**

**Instructions to the examiner:**

**The syllabus is divided in four sections as mentioned below:**

**Instructions for the Examiners/Paper Setters and distribution of marks:**

Eight questions of equal marks (8 marks) are to be set, two in each of the four sections (A-D). Questions of section A-D should be set from units I-IV of the syllabus respectively. Questions may be sub-divided in two parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. ▮

**UNIT-I**

- Introduction of Fashion:- Fashion as a Socio Cultural Phenomenon
- Fashion Terminologies:- Design, Prototype, Product launch, Mass Production, Couture, Ready to Wear, Stylist, Fashion Product, Fashion Magazines, Fashion Shows, Social Media, Webzines, Catwalk, Fit, Size Label.

**UNIT-II**

- Fashion Markets and How they operate
- Factors Affecting Fashion :- Psychological, Sociological, Economical, Demographic and Geographical.

**UNIT-III**

- The Intagibles of Fashion – Time, Change, Taste & Acceptance
- Evolution of Fashion in Clothing

**UNIT-IV**

- Fashion Brands
- Fashion Icons
- Role of Fashion in Movies
- Types of Fashion Accessories

**Books recommended:-**

Clothing, textiles and laundry, Kalyani Publishers  
Social psychology of dress by Kim K.P Johnson, Bloomsbury, 2017  
Fashion: The key concepts by Jennifer Craik , Berg publishers  
The Cool Factor-A Guide to achieveing Effortless style by Andrealinett ,2016

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
Introduction to Textile Science  
**(Theory)**  
**MVTM-2232**

**Course Outcomes:-**

**After successful completion of this course:**

CO1. Students will able to fabric tests using different types of natural and synthetic fiber. They will discuss briefly the results of each test

CO2. Students will able to apply the sample selection technique for textile testing

CO3.Students will able to Understand the dyes applied on various synthetic and protein fiber

CO4. Understand the evaluation of various functional finishes

CO5. Students will able to learn the quality checking process in apparel industry.

**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
**Introduction to Textile Science**  
**(Theory)**

**MVTM-2232**  
**L-T-P**  
**3-0-1**

**Total Marks-100**  
**Ext.-50**  
**Practical-30**  
**C.A-20**

**Theory-4+2 hours/ week**  
**Examination Time-3 Hrs**

**Instructions to the examiner:**

**The syllabus is divided in four sections as mentioned below:**

**Instructions for the Examiners/Paper Setters and distribution of marks:**

Eight questions of equal marks (10 marks) are to be set, two in each of the four sections (A-D). Questions of section A-D should be set from units I-IV of the syllabus respectively. Questions may be sub-divided in two parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. ▮

**Unit – I**

**Textile industry overview :** Major Production Segments of the textile industry.

**Basic terminology related to textile industry** - Fiber, Fabric , Filament, Staple, Fiber length, Thickness, Colour, Texture, Resiliency, Electrical Conductivity, Elastic Recovery

**Unit – II**

**Classification of fiber based on origin** -Natural Fiber-Cotton, Flax, Wool ,Silk  
**Regenerated & Manmade Fibers**-Acetate Rayon, Polyester, Spandex and Acetate Fiber, Modal  
**Yarns Types & its Importance**, - Simple yarn , Novelty Yarn ,Textured Yarn

**Unit – III**

Two main classifications of Finishes

**Write Short notes on-** Singeing, Mercerizing, Tenting, Calendering, Schreinerizing, Embossing.

**Unit – IV**

**Styles of Printing** – Direct printing , discharge , resist printing

**Various classes & types of Dyes**- Natural Dyes ,Basic Dye, Acid Dyes

**Books Recommended:**

Grammar of Textile Design-Nisbet  
Structural Fabric Design By-Kilby  
Fiber to Fabric By Ghosh  
Watson's Advance Textiles Design

**M.Voc(Textile Design & Apparel Technology) (semester –II)**

Introduction to Textiles Science  
(Practical)

**Instructions for the Examiner**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these.  
Paper will be set on the spot by the examiner

**Collection of different types of yarns-**

Simple yarn, Novelty Yarn, Textured Yarn, Cable Yarn

Yarn Count, Thread Count, Cloth Count

**Microscopic Test** - Silk, Wool, Cotton

**Burning Test:** Cotton, Silk, Wool, Acetate Rayon, Polyester, Acrylic

**Chemical test:** Silk, Wool, Cotton, Polyester



Session-2019-20

**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
**Communication Skills in English**

**MVTM-2103**

**COURSE OUTCOMES**

**After passing the course:**

CO 1: It will help students to draft professional documents.

CO 2: It will enable the students to improve their speaking skills and will help them to converse in English in specific situations.

CO 3: It will help improve Reading and Writing Skills of students.

CO 4: It will help enrich the vocabulary of the students.

Session-2019-20

**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
**Communication Skills in English**

**MVTM-2103**  
**Time: 3 Hours**

**Total Marks: 100**  
**Theory: 60**  
**Practical: 20**  
**Continuous Assessment: 20**

**Theory Exam**

**Instructions for the Paper Setter:**

Question paper will have five sections.

Examiner will set a total of 5 questions, with internal choice.

All questions are compulsory and carry equal marks. (5\*5=25)

**Unit-I**

Introduction: Basic Communication, Basic forms of Communication, Principles,  
Concepts of effective Communication

**Unit-II**

Reading Skills: Introduction to Reading Skills- Reading Tactics and  
Strategies; Reading Purpose- Kinds of Purpose and associated  
comprehension

Reading Outcomes: Paraphrasing/Précis writing and Summary writing

**Unit-III**

Letter-writing: Writing styles and formatting of letters, Business letters, Request  
letters, Good news and Bad news letters, Persuasive letters, Sales letters, Collection  
letters etc.

**Unit-IV**

Article writing on Issues related to textile industry and textile designing: How to  
begin the topic sentence and the controlling idea, structure, coherence, descriptive  
writing techniques and critical appreciation



**Unit-V**

Vocabulary Skills: Single words for Phrases and Sentences: Small words for Big Ones:

Figurative Expressions: Similes

Prefixes/Suffixes: Antonyms-Synonyms-

Homonyms Words frequently misspelt

**Books Recommended:**

1. John Seely: Oxford Guide to Effective Writing and Speaking OUP
2. Geetha Nagaraj: A Course in Grammar and Composition, Foundation Books, 2006
3. The Students' Companion: Wilfred D. Best
4. A Course in Listening and Speaking by V Sasikumar et al, Foundation Books
5. Advance Learner's Dictionary (New Edition)
6. English Pronouncing Dictionary By Daniel Jones, Cambridge University Press

Session-2019-20

**M.Voc(Textile Design & Apparel Technology) (semester –II)**

**Communication Skills in English**

**Practical Exam**

**Instructions to the Examiner for Practical/Oral Exam**

The examiner will test the listening skills of the examinees by playing a recorded cassette on by reading out a passage himself/herself and asking questions. She may also ask the examinees to take notes.

Listening Comprehension=10 Marks

Note Taking=5 Marks

Listening Skills: Principles of effective Listening, Factors that affect listening

Listening to TV News/Audio Cassettes

Note Taking

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology) (semester –II)**

**Apparel Production (Practical)**  
**MVTP-2234**

**Course Outcomes:-**

**After successful completion of this course:**

CO1 To enable the students to construct theme based garments.

CO2 To educate students on the technical aspects of developing design patterns with accuracy, and give them a firm foundation in the concepts

CO3 To use appropriate seam finishes and hemming procedures for particular fabrics.

CO4 To use variety of design details suitable for different garments.

CO5 To develop skills and methods in the area of apparel production

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology) (semester –II)**

**Apparel Production  
(Practical)**

**MVTP-2234**

**L-T-P**

**0-0-4**

**Total marks-100**

**Ext.-80**

**C.A.-20**

**Practical- 8 Hrs/week**

**Examination Time-4 Hrs.**

**Instructions for the Examiner**

Question paper of Practical consist of 3 questions and a candidate has to attempt 1 out of these.  
Paper will be set on the spot by the examiner

**Construct:-**

Appropriate laying of paper pattern on fabric, maximum utilization of fabric accurate cutting and preparation for sewing with Swatch Board, Cost Sheet, Specification Sheet.

Construct any three from below-

- Sports wear
- Traditional Wear
- One piece dress
- Party Wear

**Books Recommended:**

- 1) McCall's Sewing in Colour, 1971, Butterrick Publishing co.
- 2) Singer Sewing Book, 1943, Mary Brooks Picken, Kessinger Publishing.
- 3) Measure, Cut and Sew, Holt Rinehart and Winson.1922, Mc Millain Publishing Company.
- 4) Bray N., Dress Pattern Designing, 2003 (5<sup>th</sup> edition) Willey Blackwell

**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
**Fashion Digital Designing-II**  
**(Practical)**  
**MVTP-2235**

**Course Outcomes:-**

**After successful completion of this course:**

CO1. Students will be able to learn the basic tools of coral draw

CO2. They will learn the basic using vector graphics.

CO3. They will learn to create fashion illustration working with styles.

CO4.Students will be able to learn changing and modifying designs

CO5. The course will provide knowledge of special effects and textures.

Session-2019-20  
**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
**Fashion Digital Designing-II**  
**(Practical)**

**MVTP-2235**

**L-T-P**

**0-0-2**

**Total marks-50**

**Ext.-40**

**C.A.-10**

**Practical- 4 Hrs/week**

**Examination Time-4 Hrs.**

**Instructions for the Examiner**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner .

**Unit- I**

**Adobe Photoshop :**

Introduction Vector Graphic and Bitmap Graphic.

Create new file

Opening, closing and saving a file.

Tool Box

Ruler Setting

Importing and Exporting

Printing a document

Filters

Layers

**Unit II**

**Fashion Details:**

**Project 1:**

**Figure Drawing:**Adult –Any three Based on Product Development Workshop

**Mood Board and story Board** based on Theme.

**Design and Drape:** Adult wear

**Books Recommended:**

1. Gary David Bouton, “CorelDRAW X7: The Official Guide”, McGraw Hill Education
2. Kogent Learning Solutions Inc. “CorelDraw X7 in Simple Steps”, Dreamtech Press

**M.Voc(Textile Design & Apparel Technology) (semester –II)**

**Fabric Craft**

**(Practical)**

**MVTP-2236**

**Course Outcomes:-**

**After successful completion of this course:**

CO1.Students will able to develop and apply design skills specific to printed textiles, through the use of colour, materials and techniques for generation of original artwork.

CO2.Students will able to demonstrate basic skills in knitting techniques.

CO3. Students will know about dyeing and painting as ornamentation technique.

CO4. The course will provide knowledge about macramé and crocheting

CO5. Students will be able to prepare their apparels by incorporating all these fabric ornamentation techniques

**M.Voc(Textile Design & Apparel Technology) (semester –II)**

**Fabric Craft**

**(Practical)**

**MVTP-2236**

**L-T-P**

**0-0-2**

**Total Marks-50**

**Ext.-40**

**C.A-10**

**Practical-4hours/ week**

**Examination Time-4 Hrs**

**Instructions for the Examiner**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

Preparation of samples & article from below mentioned techniques ;

- Stencil Printing
- Block Printing
- Screen Printing

Preparation of samples & prepare any one article ;

- Macrame ( by using various techniques)
- Crochet ( by using various techniques)

Preparation of samples;

- Knitting (4samples , 1 article)
- Weaving on plain loom and its variations on handloom (one article)

**Books Recommended:**

1. Indian Embroidery-Svitri Pandit
2. Bhatnagar ,Parul-Traditional indian Textiles
3. Abraham T.M ,Handicraft of India,Graphics Columbia,New Delhi,1964,Mulk Raj Anand Marg, Vol.VIII,1954
4. Textiles Arts of India,Kyoto Shoin



**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
**Fashion Illustration & Stylization**  
(Practical)

**MVTP-2237**

**Course Outcomes:-**

**After successful completion of this course:**

CO1.Students will learn flat sketching for fashion illustration.

CO2.Students will learn different rendering techniques

CO3.To increase the proficiency in drawing skills

CO4.Students will able to learn different elements of illustrations

CO5.Students are able to execute flat drawing and design to communicate the mood and image of fashion design

**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
**Fashion Illustration & Stylization**  
(Practical)

**MVTP-2237**

**L-T-P**

**0-0-4**

**Total Marks-100**

**Ext.-80**

**C.A-20**

**Practical-4 hours/ week**

**Examination Time-4 Hrs**

**Instructions for the Examiner**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner

**Course Content:**

Rendering of basic female crouquis-10 Head ,12 Head

Rendering of -Arms, Hands, Legs, face

Illustrate Different types of Accessories - Hairstyles,foot wears,bags

Stylization and illustration of fashion figures by using different textures

Silk,Denim,Cotton,Leather & other modern techniques

Prepare theme based fashion figures by using Ethnic prints

- Indian,
- African,
- Egyptian,
- Japanese

**Books Recommended**

1. Dorothy Siegert Lyle, Modern Textiles – (1971) Jonh Wiley and Sons Inc., New York, London, Sydney, Toronto.
2. Be an Artist in 10 Steps, Ian Sidaway, Patricia Seligman
3. Allen and Seaman, “Fashion Drawing- The Basic Principles” 1994, Batsford, London

**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
**Industrial Training & Project Report**

**MVTI-2238**

**Course Outcomes:**

**After successful completion of this course:**

CO1. students will be able to enhance the industrial experience.

CO2. They will understand develop and enhance professional awareness and communication skills.

CO3. Students will learn how to work in formal working environment and the benefits of team work.

CO4. . Students will experience to understand, discuss and evaluate the professional issues relating to textile.

**M.Voc(Textile Design & Apparel Technology) (semester –II)**  
**Industrial Training & Project Report**

**MVTI-2238**

**Total Marks-100**

**L-T-P**

**0-0-6**

**Practical-12 hours**

All the students will submit their Training Reports (in duplicate) within a period of one month in the department; this period shall be counted from the last date of completion of their training. The supervisor in the organization under whose guidance the training is carried out will be required to grade the student's report.

Each student will be attached with one internal faculty guide, with whom they shall be in continuous touch during the training period. The internal faculty guide will be required to evaluate on the basis of the assessment report provided by the organization where the Training has been completed and his/her own assessment about the work done by the student.

The evaluation of the remaining 90 marks shall be evaluate on the basis of presentation and the assessment report received from the organization where student has undergone.

**M.Voc(Textile Design & Apparel Technology)**  
**(semester –III)**  
**History of Art in Textiles-I (Theory)**  
**MVTL-3231**

**Course Outcomes**

After successful completion of this course, students will be able to:

CO1. Students will able to identify various printed and painted Textiles.

CO2. Understand the various motifs and designs of Textiles.

CO3. Students will able to understand the different dyed textiles of each state.

CO4. Students will able to understand various textiles production centers.

CO5. Students will able to analyze and evaluate current textile manufacturing techniques used locally and globally.

**M.Voc(Textile Design & Apparel Technology)**  
**(semester –III)**  
**History of Art in Textiles-I (Theory)**

**MVTL-3231**

**L-T-P**

**4-0-0**

**Total marks-50**

**Theory-40**

**C.A-10**

**Theory-4 hours/ week**

**Examination Time-3 Hrs**

**Instructions to the examiner:**

**The syllabus is divided in four sections as mentioned below:**

**Instructions for the Examiners/Paper Setters and distribution of marks:**

Eight questions of equal marks (8 marks) are to be set, two in each of the four sections (A-D). Questions of section A-D should be set from units I-IV of the syllabus respectively. Questions may be sub-divided in two parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. ▮

**Unit-I**

Study of Printed and Painted textiles with reference to: (a) historical significance (b) printing technique (c) styles, (d) motifs \ Design (e) centers of Production

Kalamkari & Masulipatnam

Agrak

Dabu

Bagru

**Unit-II**

Madhubani,  
Appliqué work of Orissa & Gujarat  
Carpets and floor coverings

**Unit-III**

Study of dyed textiles with reference to: (a) historical significance (b) dyeing technique (c) styles, colour and motifs (d) centers of Production

Patola,

Mashru

**Unit-IV**

Pochampalli,  
Bandhani of Rajasthan and Gujarat

**Books Recommended:**

1. Rustarm; J. Mehta, “Masterpieces of Indian Textiles”, (1970), D.B. Taraporevala Sons & Co., Pvt.Ltd.
2. Joyee Storey, The Thames and Hudson- Manual of Textile Printing.’ (1974), Thames and Hudson – London.
3. Abraham T.M., Handicraft of India, Graphics Columbia, New Delhi, 1964, Mulk Raj Anand Marg, Vol. VIII, 1954.
4. Dhamija Jasleen., The Kanthas of Bengal, 1971, The Times of India Annual

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester-III)**  
**Fundamentals of Retailing(Theory)**  
**MVTL-3232**

**Course Outcomes:**

After successful completion of this course, students will be able to:

**CO1.** Students will able to analyze the evolution of the retail industry.

**CO2.** Understand the various models of buying processes.

**CO3.** Students will able to understand the different store formats offered by fashion retailers.

**CO4.** Students will able to understand how current social and economic factors affect fashion retailers.

**CO5.** Students will able to analyze and evaluate current visual merchandising techniques used locally and globally.

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester-III)**  
**Fundamentals of Retailing(Theory)**

**MVTL-3232**

**L-T-P**

**4-0-0**

**Theory-4 hours/ week**

**Examination Time-3 Hrs**

**Instructions to the examiner:**

**The syllabus is divided in four sections as mentioned below:**

**Instructions for the Examiners/Paper Setters and distribution of marks:**

**Total marks-50**

**Theory-40**

**C.A-10**

Eight questions of equal marks (8 marks) are to be set, two in each of the four sections (A-D). Questions of section A-D should be set from units I-IV of the syllabus respectively. Questions may be sub-divided in two parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. ▮

**Unit I**

Introduction to Retailing: Concept of retailing, Functions of retailing, Terms & Definition, Retail formats and types, Retailing Channels, Importance of retailing, Changing trends in retailing.

**Unit II**

Understanding the Retail Consumer: Retail consumer behaviour, Factors influencing the Retail consumer, Customer decision making process, Market research for understanding retail consume

**Unit III**

Retail Market Segmentation and Strategies: Market Segmentation and its benefits, Kinds of markets, 4 M's of Marketing  
Definition of retail strategy, Strategies for penetration of new markets

**Unit IV**

Retail Location Selection: Importance of retail locations,  
Steps involved in choosing a retail locations  
Factors determining the location decision

**Reference Books:**

1. Barry Berman, Retail Management
2. Gibson G. Vedamani, Retail Management
3. U. C. Mathur, Retail Management: Text and Cases
4. A.J Lamba-The art of Retailing
5. Swapana Prsdhan-Retailing Management



**M.Voc(Textile Design & Apparel Technology) (Semester-III)**  
**Industrial Safety (Theory)**  
**MVTL-3233**

**Course Outcomes:**

After successful completion of this course, students will be able to:

CO1. Student will learn identify the components needed to provide a safe and healthful work environment through case

CO2. Student will able to identify potential workplace safety and health hazards and determine how to mitigate the hazards.

CO3- Student will effectively communicate and collaborate inside a diverse work Environment.

CO4-Student will learn to Work in an ethical and professional manner.

CO5 -Student will able to create awareness of other responsibility towards their health and safety.

**M.Voc(Textile Design & Apparel Technology) (Semester-III)**  
**Industrial Safety (Theory)**

**MVTL-3233**

**L-T-P**

**4-0-0**

**Total marks-50**

**Theory-40**

**C.A-10**

**Theory-4 hours/ week**

**Examination Time-3 Hrs**

**Instructions to the examiner:**

**The syllabus is divided in four sections as mentioned below:**

**Instructions for the Examiners/Paper Setters and distribution of marks:**

Eight questions of equal marks (8 marks) are to be set, two in each of the four sections (A-D). Questions of section A-D should be set from units I-IV of the syllabus respectively. Questions may be sub-divided in two parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. ▮

**UNIT-I**

**Health and Safety Management Systems**

Human Factors That Influence Behaviour at Work

Accidents and Their Effects

**UNIT-II**

**Electrical Safety**

Use of Electricity at Work - Hazards and Risks,

Safe Handling Using Electrical Equipment in All Workplace Conditions

**UNIT-III**

First Aid in the Workplace

Fire Alarm and Fire-Fighting Equipment

**UNIT-IV**

**Physical and Psychological Health Hazards and Risk Control- Noise, Vibration**

,Radiation, Stress

Transport Hazards

**Books Recommended:**

- Sharon Clarke; Cary L. Cooper “Managing the Risk of Workplace Stress”.
- Richard E. Wokutch, Cooperation and Conflict in Occupational Safety and Health. David A. Hofmann; Lois E. Tetrick, Health and Safety in Organizations: A Multilevel Perspective
- Neil Gunningham; Richard Johnstone, Regulating Workplace Safety: System and Sanctions

**M.Voc (Textile Design & Apparel Technology)**  
**(Semester-III)**  
**Creative Textile Design & illustration (practical)**  
**MVTP-3234**

**Course Outcomes:**

After successful completion of this course, students will be able to:

CO1. Students learn how to render their concept in diverse mediums improve their personal style while building portfolio.

CO2. Students will able to understand fashion industry.

CO3. Students will understand the fashion design concepts.

CO4. Students will be able to analyze and critique fashion illustrations and garments.

CO5. Understand the design cycle and the design process and develop their ideas though to final fashion outcomes.

**M.Voc (Textile Design & Apparel Technology)**  
**(Semester-III)**  
**Creative Textile Design & illustration (practical)**

**MVTP-3234**

**L-T-P**

**0-0-4**

**Total marks-100**

**Practical-80**

**C.A-20**

**Practical-8 hours/ week**

**Examination Time-3 Hrs**

**Instructions for the paper setter and distribution of marks:**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner .

**Course Content:**

Illustrate the Theme based collection of any five famous fashion designers(National / International) of current year with Proper discription of theme mood boards and colour boards.

A Collection consist of more than four designs

**Books recommended:**

1. Design Studies by Manmeet Sodhia Kalyani Publishers
2. Fashion Source Book by Kathryn Mckelvey Blackwell Science
3. 9 Heads by Nancy Riegelman Pearson Education
4. Fashion Sketchbook by Abing Fairchild

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester-III)**

Advanced pattern making & Grading (practical)

**MVTP-3235**

**Course Outcomes:**

After successful completion of this course, students will be able to:

**CO1.** Students will be able to understand the human body proportion to get the required shape of the garments.

**CO2.** Students will understand the principles of Pattern Grading and get to know about the various tools and equipment used for Pattern Grading.

**CO3.** Students will be able to prepare a dress in Different sizes.

**CO4.** Students will be able to Stylized garments.

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester-III)**  
Advanced pattern making & Grading (practical)

**MVTP-3235**

**L-T-P**

**0-0-2**

**Total marks-100**

**Practical-80**

**C.A-20**

**Practical-4 hours/ week**

**Examination Time-3 Hrs**

**Instructions for the paper setter and distribution of marks:**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner .

**Course Content:**

Designing with Darts (Tuck Darts ,Pleats, Flares& Gathers) in Pattern Making

Slash Spread Techniques

Pivotal Transfer Technique

**Dart Cluster & Dart equivalents**

- Waist Cluster
- Dart Cluster
- Shoulder Cluster
- Center Front Bust Cluster

**Yokes for Bodice**

- Front Yoke-Pivotal Technique
- Back Yoke –Slash & Spread Method

**Style lines**

Classic Princess Style line, Armhole Princess Style line

**Grading - Adult Bodice Block ,Sleeves,Skirt**

**Books Recommended:**

1. Patternmaking for Fashion Design by Helen Joseph-Armstrong
2. Patternmaking in Practice: A Step by Step Guide by Lucia Mors de Castro
3. Concepts of Pattern Grading: Techniques for Manual and Computer Grading Book by Kathy K. Mullet
4. Grading for the Fashion Industry: The Theory and Practice Book by Martin Shoben and Patrick Taylor
5. Master patterns and grading for women's outsizes Book by Gerry Cooklin

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester-III)**  
Professional Garment Production (practical)  
**MVTP-3236**

**Course Outcomes:**

After successful completion of this course, students will be able to:

CO1. Students will be able to learn the operating of sewing machine its proper care and safe use.

CO2. Students will be able to understand the concept to apply the use of pattern drafting for clothing.

CO3. Understand the role of pattern adaptation techniques used to fit the different figure shapes and garment size

CO4. Student will able to understand the process involved in garment manufacturing such as cutting, planning, spreading and sewing.

CO5. Student will able to understand the textile sector and the range of textile occupation.

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester-III)**  
Professional Garment Production (practical)

**MVTP-3236**

**L-T-P**

**0-0-4**

**Total marks-100**

**Practical-80**

**C.A-20**

**Practical-8 hours/ week**

**Examination Time-4 Hrs**

**Instructions for the paper setter and distribution of marks:**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner .

Course Content:

Construction of the following garments (Specification sheet)

- Men's Shirt
- Men's Trouser
- Men's Waistcoat
- Men's kurta Pyjama

**Books Recommended:**

1. The Art of couture sewing by Zoya Nudelman.
2. The sewing Book ,Alison Smith
3. Sewing Techniques and Patterns, Marie – nNaele Bayard
4. Complete Guide to Sewing , Readers Bigest
5. The ultimate sewing book, Maggi Mc Cormick Garden



**M.Voc(Textile Design & Apparel Technology)**  
**(Semester-III)**  
**CAD Textile in Designing-I (Practical)**  
**MVTP-3237**

**Course Outcomes:**

After successful completion of this course, students will be able to:

CO1. Students will able to manipulate electronic patterns.

CO2. Students will able to understanding of clothing construction, patternmaking, technical design, and patternmaking software.

CO3. Students will able to apply design concepts and knowledge for creating computerized Designs.

CO4: Students will able to use CAD and its various tools.

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester-III)**  
**CAD Textile in Designing-I (Practical)**

**MVTP-3237**

**L-T-P**

**0-0-2**

**Practical- 4 Hrs/week**

**Examination Time-3 Hrs**

**Total marks-50**

**Practical-40**

**C.A-10**

**Instructions for the paper setter and distribution of marks:**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner .

Knowledge and operation of CAD package for Pattern Making, digitizing, grading & marker making for the following:

- Adult Men's Shirt Block
- Basic Men's Trousers
  
- Collar
  - Convertible collar
  - Coat Collar
  - Chinese band collar
  
- Sleeves
  - Basic Sleeves
  - Shirt Sleeve with Cuff
  
- Grading and marker layout of a Garment

**Books Recommended:**

1. Velsinet DD, "Computer Aided Drafting and Design – Concept and Application", 1987.
2. Taylor P, "Computers in Fashion Industry", Heinemann Pub. 1990.
3. Aldrich Winfred, "CAD in Clothing and Textiles", Blackwell Science 1994.
4. . Joseph, Helen, Pattern Making for Fashion Designing
5. Coklin. Gerry, Pattern Grading for Women's Clothes
6. Richpeace Group Co., Limited [www.richpeaceus.com](http://www.richpeaceus.com)

**M.Voc(Textile Design & Apparel Technology) (Semester-III)**  
**Internship & Project Report**  
**MVTI-3238**

**Course Outcomes:**

After successful completion of this course:

CO1. students will be able to enhance the industrial experience.

CO2. They will understand develop and enhance professional awareness and communication skills.

CO3. Students will learn how to work in formal working environment and the benefits of team work.

CO4. . Students will experience to understand, discuss and evaluate the professional issues relating to textile.

**M.Voc(Textile Design & Apparel Technology) (Semester-III)**  
**Internship & Project Report**  
**MVTI-3238**

**MVTI-3238**

**Max. Marks: 100**

**L-T-P**

**0-0-6**

**Practical- 12 Hrs**

All the students will submit their Training Reports (in duplicate) within a period of one month in the department; this period shall be counted from the last date of completion of their training. The supervisor in the organization under whose guidance the training is carried out will be required to grade the student's report.

Each student will be attached with one internal faculty guide, with whom they shall be in continuous touch during the training period. The internal faculty guide will be required to evaluate on the basis of the assessment report provided by the organization where the Training has been completed and his/her own assessment about the work done by the student.

The evaluation of the remaining 90 marks shall be evaluate on the basis of presentation and the assessment report received from the organization where student has undergone.

**M.Voc(Textile Design & Apparel Technology) (semester –IV)**  
**Fashion Event Management and Media**  
**(Theory)**  
**MVTL-4231**

**Course Outcomes:-**

**After successful completion of this course:**

CO1. Students will have excellent communication skills to present their ideas and market their plans in front of the management and clients respectively.

CO2. Students will be able to Understand Fashion styling in India, Choreography in India

CO3 Students will be able to developing relations with media how important it is for any designer, media planning for designer, awareness,

CO4. Students will able to understand Social and Environmental issues in fashion and media.

**M.Voc(Textile Design & Apparel Technology) (semester –IV)**  
Fashion Event Management and Media  
(Theory)

**MVTL-4231**

**L-T-P**

**4-0-0**

**Theory- 4hours/ week**

**Examination Time-3 Hrs**

**Instructions to the examiner:**

**The syllabus is divided in four sections as mentioned below:**

**Instructions for the Examiners/Paper Setters and distribution of marks:**

Eight questions of equal marks (8 marks) are to be set, two in each of the four sections (A-D). Questions of section A-D should be set from units I-IV of the syllabus respectively. Questions may be sub-divided in two parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. ▮

**UNIT-I**

- Event and its importance
- 7 C's of Events
- Fashion Events and its types
- Hierarchy of Events
- Event Planning

**UNIT-II**

- Importance of Media in Fashion Industry
- Breakdown in fashion industry,
- Different branches in fashion industry,
- Fashion styling in India, Choreography in India

**Unit III**

- Developing relations with media how important it is for any designer, media planning for designer, awareness,
- Importance of PR in industry
- Event management in fashion industry. How are shows organized?
- Other profession related to media and fashion show.

**Unit IV**

- Hype v/s Publicity v/s advertisement
- Influence of page 3 syndromes on designers
- Social and Environmental issues in fashion and media
- Role of designer and moral responsibility.

**Books recommended**

1. "Forecasting: Methods and Applications" by Spyros Makridakis and Steven C Wheelwright
2. Fashion Marketing Paperback – Import, 30 Oct 2001 by Mike Easey)
3. Colour Forecasting Paperback – Import, 31 May 2005 by Tracy Diane (Author), Tom Cassidy (Author)

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester –IV)**  
History of Art inTextiles-II (Theory)  
**MVTM-4232**

**Course Outcomes:-**

**After successful completion of this course:**

CO1:To gain the knowledge of Traditional handwork of different states of India.

CO2: Student will able to study of the Basic embroidery stitches and work style.

CO3 : Student will able to study of historical background motifs, colours and materials used in various embroideries.

CO4 : Student will able to impact knowledge to the students about different methods of traditional indian woven textiles.

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester –IV)**  
History of Art in Textiles-II (Theory)

**MVTM-4232**

**L-T-P**

**3-0-1**

**Practical- 2+2Hrs/week**

**Examination Time-3Hrs**

**Instructions to the examiner:**

**The syllabus is divided in four sections as mentioned below:**

**Instructions for the Examiners/Paper Setters and distribution of marks:**

Eight questions of equal marks (10 marks) are to be set, two in each of the four sections (A-D). Questions of section A-D should be set from units I-IV of the syllabus respectively. Questions may be sub-divided in two parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section. ▮

**Total Marks-100**

**Ext.-50**

**Practical-30**

**C.A-20**

**Unit-I**

Study of Indian embroidered textiles with reference to: (a) Historical significance  
(b) Construction techniques (c) Styles (d) Textures, (e) motifs (f) centers of Production

Kashmir embroidery  
Phulkari ,  
Chamba Rumals  
,Kasuti,

**Unit-II**

Kantha,  
Chickenkari,  
kutch

**Unit-III**

Study of Indian woven textiles with reference to: (a) Historical significance  
(b) Construction techniques (c) Styles (d) Textures, (e) Motifs (f) Centers of Production  
Banaras Brocades,  
Baluchar,  
Paithni

**Unit-IV**

Jamdani  
Chandari,  
Kanchipuram

**Books recommended**

1. Rustarm; J. Mehta, "Masterpieces of Indian Textiles", (1970), D.B. Taraporevala Sons & Co., Pvt.Ltd.
2. Joyee Storey, 'The Thames and Hudson- Manual of Textile Printing.' (1974), Thames and Hudson – London.
3. Abraham T.M., Handicraft of India, Graphics Columbia, New Delhi, 1964, Mulk Raj Anand Marg, Vol. VIII, 1954.
4. Dhamija Jasleen., The Kanthas of Bengal, 1971, The Times of India Annual.



**M.Voc(Textile Design & Apparel Technology) (Semester –IV)**  
**History Of Art In Textiles-II (Practical)**

**Instructions for the Examiner**

Question paper of Practical consist of 2 questions and a candidate has to attempt 1 out of these.  
Paper will be set on the spot by the examiner.

Study of Indian embroidered textiles

**Make sample of each embroidery**

**Prepare any two articles**

Kashmiri embroidery

Phulkari

Chamba Rumals

Kantha

Chickenkari

kutch

**Session-2019-20**  
**M.Voc (Textile Design & Apparel Technology)Semester IV**  
**MVTM-4103: COMMUNICATION SKILLS IN ENGLISH**

**COURSE OUTCOMES**

**CO1:** It will help students to draft professional documents and reports both in audio – visual form and written form

**CO2:** It will enable the students to improve their speaking skills

**CO3:** It will make the students capable of presenting themselves well during a job interview

**Session-2019-20**  
**M.Voc (Textile Design & Apparel Technology)**  
**Semester IV**

**Communication Skills In English(Theory)**

**MVTM-4103**  
**Time: 3 Hours**

**Total Marks: 100**  
**Theory: 60**  
**Practical:20**  
**Continuous Assessment: 20**

**Instructions for the Paper Setter:**

- Question paper will have five sections.
- Examiner will set a total of 5 questions, with internal choice.
- All questions are compulsory and carry equal marks. (5x12=60)

**Unit-I**

Introduction to Video Communication and Conferencing. Application of Video Conferencing in business management and marketing.

**Unit-II**

**Report Writing:** Technical report – style, arrangements, Illustration, main section and appendices, conclusion, list references, table of contents, synopsis, revision.

**Unit-III**

**Modern Forms of Communication:** E-mails, Fax, Advertisements, Tender notices, Auction Notices, Public Notices.

**Fashion Terms :** Pliable, Psychedelic, Vogue, Beau (boh) (Pl. beaux), Retro, Queen size, Rag Business/ Rag Trade, Private label/ Private label brand, Merchandise, Art Deco print, Art Nouveau, Print, Dandy and others.

**Unit-IV**

**Resume – Writing and Job Applications.**

## **Unit-V**

Vocabulary Skills:

Accurate use of prepositions, conjunctions, adverbs, adjectives

Single words for Phrases and Sentences: Small words for Big Ones: Figurative Expressions: Proverbs and idiomatic expressions

Words frequently misspelt

### **Books Recommended:**

- John Silly: Oxford Guide to Effective Writing and Speaking OUP.
- M. Raman, Technical Communication OUP.
- Geetha Nagaraj – A Course in Grammar and Composition, Foundation Books, 2006
- V. Sasi Kumar – A Course in Listening and Speaking
- Video Communication by James R. Wilcox and David K. Gibson – CMP Books, CMP Media. Inc. 600 Harrison, San Francisco CA 94107USA E Book
- E-Book Video Conferencing Hardware and Software Market IGI Consulting, Inc. 214, Harvard Avenue Boston MA 02134 USA.

**M.Voc (Textile Design & Apparel Technology)Semester IV**  
**Communication Skills In English (Practical)**

**Instructions to the Examiner for Practical/Oral Exam**

Oral presentation with /without audio visual aids on a topic already prepared by the examinee. **(20 Marks)**

- Written Presentation / Preparation **(10 Marks)**
- Group Discussion **(10 Marks)**

**Session-2019-20**  
**M.Voc(Textile Design & Apparel Technology) (semester –IV)**  
**Accessory Designing and Surface Ornamentation**  
**(Practical)**  
**MVTP-4234**

**Course Outcomes:-**

**After successful completion of this course:**

CO1 : To gain the knowledge of Illustrate different accessory types

CO2: Student will able to illustrate of the Traditional Indian Jewellery.

CO3 : Student will able to study of enhance their skill of Traditional Indian Embroideries.

CO4 : Student will able to design different articles with own skills and creativity.

**Session-2019-20**

**M.Voc(Textile Design & Apparel Technology) (semester –IV)**  
**Accessory Designing and Surface Ornamentation**  
**(Practical)**

**MVTP-4234**

**L-T-P**

**0-0-2**

**Total Marks-50**

**Ext.-40**

**C.A-10**

**Theory-4 hours/ week**

**Examination Time-3 Hrs**

**Instructions for the Examiner**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these.  
Paper will be set on the spot by the examiner

**Content :-**

Fashion accessories- its types (Bags, hats, gloves, belts, neckties, scarves, jewelry)

Design and construct a handbag by using any Indian Traditional Embroidery.

Design and construct a scarf with block printing.

Design and renovate a footwear/belt with stencil printing.

Design and construct a headgear by using any method of Surface Ornamentation.

**Books Recommended:**

1. Fashion Accessories, John Peacock
2. Hat status styles and glamour, Colin Mc Dowell
3. Fashion Source Technical Design, Progeone
4. Moda Fashion, Gri Baudo

**M.Voc(Textile Design & Apparel Technology) (Semester –IV)**  
**Custom Made Sewing**  
**(Practical)**  
**MVTP-4235**

**Course Outcomes:-**

After successful completion of this course:

CO1 : Student will able to gain the knowledge of client profile.

CO2 : Student will able to impart knowledge to the students about customer on order stitching.

CO3 : Students will learn about dealing with customers.

CO4 : It is helpful for Boutique management.

CO5 : To gain the knowledge about measurement charts, Specification sheet and Cost sheet.



**M.Voc(Textile Design & Apparel Technology) (Semester –IV)**  
**Custom Made Sewing**  
**(Practical)**

**MVTP-4235**

**L-T-P**

**0-0-4**

**Practical- 8 Hrs/week**

**Examination Time- 4 Hrs**

**Total Marks-100**

**Ext.-80**

**C.A-20**

**Instructions for the Examiner**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

**Prepare any six garments on order with specialization in any one theme given below:-**

- Traditional Wear
- Western party Wear
- Indo Western
- Evening Wear

**Books Recommended:**

1. The Art of couture sewing by Zoya Nudelman.
2. The sewing Book ,Alison Smith
3. Sewing Techniques and Patterns, Marie – nNaelle Bayard
4. Complete Guide to Sewing , Readers Bigest
5. The ultimate sewing book, Maggi Mc Cormick Garden

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester –IV)**  
**CAD in Textile Designing-II (Practical)**  
**MVTP-4236**

**Course Outcomes:-**

After successful completion of this course, :

CO1.Students will able to manipulate electronic patterns

CO2.Students will able to understanding of clothing construction, patternmaking, technical design, and patternmaking software.

CO3. Students will able to apply design concepts and knowledge for creating Computerised Designs

CO4: Students will able to use CAD and its various tools

**M.Voc(Textile Design & Apparel Technology)**  
**(Semester –IV)**  
**CAD in Textile Designing-II (Practical)**

**MVTP-4236**  
**L-T-P**  
**0-0-2**

**Total marks-50**  
**Theory-40**  
**C.A-10**

**Practical- 4 Hrs/week**  
**Examination Time-3 Hrs**

**Instructions for the paper setter and distribution of marks:**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner .

Knowledge and operation of Richpeace CAD package for Pattern Making, digitizing, grading & marker making same as content of previous subject custom made sewing on following topics:-

- Traditional Wear
- Western party Wear
- Indo Western
- Evening Wear

**Books Recommended:-**

7. Velsinet DD, “Computer Aided Drafting and Design – Concept and Application”, 1987.
8. Taylor P, “Computers in Fashion Industry”, Heinemann Pub. 1990.
9. Aldrich Winfred, “CAD in Clothing and Textiles”, Blackwell Science 1994.
10. . Joseph, Helen, Pattern Making for Fashion Designing
11. Coklin. Gerry, Pattern Grading for Women’s Clothes

**M.Voc(Textile Design & Apparel Technology) (Semester –IV)**  
**Portfolio Design Development**  
**(Practical)**  
**MVTP-4237**

**Course Outcomes:-**

After successful completion of this course:

CO1 : Students will able to develop portfolio for different type of audiences.

CO2 : : Students will able to Rendering of different garments on the model with emphasis on the fabric, texture, colour and style details.

CO3 : : Students will able to learn Drape ability of various garment styles in a variety of fabrics stitched and draped are observed and illustrated.

CO4 : Provides the opportunity to demonstrate your skills and fit in a visual format.

CO5 : It exhibits the student inclination towards and particular segment of the industry by identifying the target customers, design requirements and pricing.

**M.Voc(Textile Design & Apparel Technology) (Semester –IV)**  
**Portfolio Design Development**  
**(Practical)**

**MVTP-4237**

**L-T-P**

**0-0-4**

**Practical- 8 Hrs/week**

**Examination Time- 3 Hrs**

**Total Marks-100**

**Practical-80**

**C.A-20**

**Instructions for the Examiner**

Question paper of Practical consist of 3 questions and a candidate has to attempt 2 out of these. Paper will be set on the spot by the examiner.

**Course Content:-**

**Portfolio based on theme**

- Development of different Mood boards
- Theme selection.design development
- Portfolio of best work
- Compilation of the best work done through course

**Books Recommended:**

1. Ireland, Patrick John, Fashion Design Drawing and Presentation, 1996, B.T. BatsfordLondon.
2. Allen and Seaman, Fashion Drawing – the Basic Principles, 1994, B.T. Batsford, London.
3. Seaman, Julian, Professional Fashion Illustration, 1995, B.T. Batsford, London.
4. Drake and Nicholas, “Fashion Illustrations”, 1995, Thames and Husdon, London.
5. Abling Bina, Fashion Sketch Book, 2006, by Fairchild publication.
6. Vogue Sketch Catalogue.

**M.Voc. (Textile Design & Apparel Technology) (Semester-IV)**  
**Internship & Project Report**  
**MVTI-4238**

**Course outcomes-**

After successful completion of this course:

CO1: Student will learn the basic terminologies of Apparel Industry

CO2: : Student will learn to knowledge in one particular technology.

CO3: Student will able to learn leadership ability and responsibility to perform or execute the given task.

CO4: Students will able to understand the selection of right collection of design according to the nature of merchandise

CO5: Students will understand the hands on practice within a real job situation

**M.Voc. (Textile Design & Apparel Technology) (Semester-IV)**

**Internship & Project Report**

**MVTI-4238**

**Max. Marks: 100**

**L-T-P**

**0-0-6**

**Practical-12 hours**

All the students will submit their Training Reports (in duplicate) within a period of one month in the department; this period shall be counted from the last date of completion of their training. The supervisor in the organization under whose guidance the training is carried out will be required to grade the student's report.

Each student will be attached with one internal faculty guide, with whom they shall be in continuous touch during the training period. The internal faculty guide will be required to evaluate on the basis of the assessment report provided by the organization where the Training has been completed and his/her own assessment about the work done by the student.

The evaluation of the remaining 90 marks shall be evaluate on the basis of presentation and the assessment report received from the organization where student has undergone.