

## Department of Home Science

### B.Voc Fashion Technology and Apparel Designing

#### PROGRAMME OUTCOMES-COURSE OUTCOMES OF B.Voc FTAD

Department of Home Science	After successful completion of 3 year under graduate program a student should be able to
Programme Outcomes	PO-01: Application of principles and elements in designing and implementation of these on various cultures of Indian fashion.
	PO-02: Understanding and learning complete design process with innovative ideas and able to develop portfolio.
	PO-03: Ability to enhance the skills in different modes of dyeing and printing.
	PO-04: Application of computer applications and Computer Aided Design (CAD) for textile/ fashion and apparels.
	PO-05: Acquire skills in selection, evaluation and testing of textiles, garment accessories
	PO-06: Adequate skills in preparation of messages, posters making for communication and promotion, sales of products, marketing and merchandising skills.
	PO-07: Learning block development, style patterns and application of pattern making, different draping techniques for highly structured garments and stitching techniques for various garments
	PO-08: To impart knowledge on working of embroidery, fashion and garment accessories, creativity and conceptualization development to plan and organize the fashion shows and exhibitions.
	PO-09: Understanding the management in relation to Fashion/ textile and apparel Industry.
	PO-10: Developing entrepreneurship skills and the process and procedure of setting up new enterprises by different training programmes and workshops.

<b>Programme Outcomes</b>	<b>Specific</b>	PSO-01: As Textiles /Apparel Designers, Production Supervisors, Quality Controllers, quality supervisors, Pattern Makers in Garment/ Apparel Industries.
		PSO-02: As Entrepreneurs: with financial support from finance corporations / Banks.
		PSO -03: They can also opt for teaching in Fashion Technology / Garment Technology Institutions as Craft Teachers, Instructors, and Technical Operators etc.
		PSO-04: As work contractor for Apparel/Garment Industries.
		PSO-05: Fashion Designers - Media / Film / Boutiques etc. and assistant fashion designers
		PSO-06: The students after completion of the course are eligible to undergo Post Graduate Programmes; M.Sc. Textiles & Clothing, M.Sc. Apparel Technology & Management, M.Sc. Fashion Technology, M.Sc. Textiles and Fashion Designing in any University in India.
		PSO-07: Job opportunities in Govt. NGO sectors
		PSO-08: Merchandisers, Textile testing technicians, Cutting masters
<b>COURSE OUTCOMES B.Voc FTAD</b>		
<b>Semester-I</b>		
<b>Course</b>	<b>Outcomes</b>	
	<b>After completion of these courses students will be able to</b>	
<b>Voc FTAD 1.1 FASHION AND APPAREL DESIGN</b>	CO1- Understand the meaning of design and its types along with the areas to use them	
	CO2- Recall principles of design, its types on garment designs and create new variations	
	CO3- Know the color, its science, classification, meaning and significance along with the theories	
	CO4- Develop new textile designing patterns based on creation of motif, repeating them and on collection of new ideas from various sources of design	

<b>FUNDAMENTALS</b>	CO5- Apply the design concepts for specific body types
<b>Voc FTAD 1.2 HISTORIC COSTUMES AND TEXTILES</b>	CO1- Explain history of Indian costumes
	CO2- Understand the evolution of western costume.
	CO3- Importance of different styles and special features in costume through the ages
	CO4- Illustrate the long established styles for designing
	CO5- Out line the merits of Indian and Western fashions
<b>Voc FTAD 1.3 INTRODUCTION TO TEXTILES AND CLOTHING</b>	CO1- Basic principles of fibres and fabrics
	CO2- Analyse the preparation of yarn for weaving
	CO3- Importance of spinning methods
	CO4- Demonstrate various types of fabric forming methods
	CO5- Identify the looms and types of weaves and importance of clothing culture
<b>Voc FTAD 1.4 TEXTILE DESIGNING</b>	CO1- Concept of weaving and parts of loom
	CO2- Classify the looms and types of weaves
	CO3- Analyze the preparation of yarn for weaving
	CO4- Identify the different weave structures produced in a loom.
	CO5- Understand different mechanism of loom in fabric formation
<b>Voc FTAD 1.5 INTRODUCTION TO SEWING OPERATIONS</b>	CO1- Identify the different sewing machines for industry
	CO2- Identify the problems and remedies of sewing machines
	CO3- Explain the fundamentals of garment manufacture
	CO4- Understand production of garment and various processes involved.
	CO5- Distinguish suitable equipment's in garment production.
<b>VocFTAD 1.6 OBSERVATIONAL VISIT TO TEXTILE INDUSTRY</b>	CO1- Develop skills in textile manufacturing units
	CO2- Identify different quality control measures
	CO3- Be able Select suitable machineries and equipment's
<b>SEMESTER II</b>	
<b>Voc FTAD 2.2</b>	CO1- Compare the sketches of fashion and normal figure

<b>FASHION ILLUSTRATION</b>	CO2- Illustrate the human figures
	CO3- Develop designs suitable for accessories through sketching
	CO4- Modify and incorporate garments to the fashion figures
	CO5- Create and sketch own designs
<b>Voc FTAD 2.3 TEXTILE SCIENCE</b>	CO1- Classify the textile fibres.
	CO2- Develop different fibres
	CO3- Analyse different fibres
	CO4- List the features of knitting machine and compare types of knitting needles
	CO5- Identify the structure and production techniques of various knitted fabrics and knitting stitches
<b>Voc FTAD 2.4 FASHION COMMUNICATION</b>	CO1- Understand the Concept, importance, principles, functions, elements and process of communication
	CO2- Make use of Mass communication and Methods of communication,
	CO3- Selection and processing of messages for print media, electronic media, internet web page and social media.
	CO4- Development of fashion Portfolio – Men, Women and Children
	CO5- Organize of fashion show
<b>Voc FTAD 2.5 SEWING TECHNOLOGY</b>	CO1- Identify the different sewing machines for industry
	CO2- Identify the problems and remedies of sewing machines.
	CO3- Explain the fundamentals of garment manufacture
	CO4- Understand production of garment and various processes involved.
	CO5- Construct various garment components and Correct sewing machine attachment
<b>Voc FTAD 2.6 TRAINING IN GARMENT INDUSTRY FOR A WEEK</b>	CO1- Develop skills in textile manufacturing units
	CO2- Identify different quality control measures
	CO3- Be able Select suitable machineries and equipment's
<b>SEMESTER III</b>	
<b>Voc FTAD 3.1 INTRODUCTION TO</b>	CO1- List the types of measurements required and the types of pattern making techniques
	CO2- Demonstrate pattern making, pattern alteration and grading techniques
	CO3- Plan and propose economical pattern layouts with cost efficiency

<b>PATTERN MAKING</b>	CO4- Develop standardized patterns for individual and industrial use
	CO5- Develop the skill needed to become a pattern master
<b>Voc FTAD 3.2 DYEING AND PRINTING</b>	CO1- Explain the preparatory process involved in making fabric ready for wet processing
	CO2- Classify various types of dyes available
	CO3- Gain expertise in natural dye production
	CO4- Demonstrate in the different methods available in printing with special references to hand printing
	CO5- Posses skill in machine printing techniques
<b>Voc FTAD 3.3 GARMENT CONSTRUCTION - I</b>	CO1- Interpret different steps in preparation fabric for cutting
	CO2- Solve fitting problems for different garments
	CO3- Successfully construct garments for children and self
	CO4- Apply relevant patterns for a garment design
	CO5- Select clothing for different age groups and Apply various styles of garments
<b>Voc FTAD 3.4 EMBROIDERY AND SURFACE ORMENTAION TECHNIQUES, FASHION ACCESSORIES</b>	CO1- Select various tools used for fabric surface enrichment
	CO2- Make samples for various hand embroidery stitches
	CO3- Design Ari embroidery samples
	CO4- Make machine embroidery and monogram, carding and couching sample
	CO5- Choose and develop trimmings and decorative items for garments
<b>Voc FTAD 3.5 EXTERNAL ELECTIVE FASHION ACCESSORIES</b>	CO1- Understand different types of bags, belts, shoes and other accessories
	CO2- Analyze the raw materials used and styles for men and women
	CO3- Understand the use of selected fashion accessory for a specific theme
	CO4- Create different jewelleries for men and women
	CO5- Create different accessories for men and women
<b>VOCFTAD 3.6 HANDS ON EXPERIENCE IN NIFT/ FASHION DESIGNING UNIT</b>	CO1- Develop skills in textile manufacturing units
	CO2- Identify different quality control measures
	CO3- Be able Select suitable machineries and equipment's
<b>SEMESTER IV</b>	

<b>Voc FTAD 4.2 GARMENT CONSTRUCTION- II</b>	CO1- Importance of silhouettes
	CO2- Apply lines in dress designing
	CO3- Choose appropriate finishing techniques for the specific fabric
	CO4- Able to design and construct blouses
	CO5- Construct under garments and Sports wear
<b>Voc FTAD 4.3 COMPUTER AIDED DESIGN (CAD) FOR FASHION DESIGN</b>	CO1- Understand the basic of computer, its parts and functioning
	CO2- Know the different software's used in the fashion industry
	CO3- Get hands on experience with Coral draw, Apparel CAD, Textile CAD and adobe photoshop
	CO4- Digitally create designs using the software's
	CO5- Experience the marker planning process digitally
<b>Voc FTAD 4.4 TEXTILE TRADE</b>	CO1- Examine the Market research with market focus, advertising approach, targeting and positioning.
	CO2- Explain the Sectors of textile industry viz, organized mill sector, decentralized small-scale sector.
	CO3- Understanding and handling clientele
	CO4- Observation of market promotion, techniques
	CO5- Importance of Textile Industry in Indian economy
<b>Voc FTAD 4.5 TEXTILE TESTING</b>	CO1- Importance of Textile Testing
	CO2- Demonstrate the knowledge gained for fibre testing
	CO3- Apply the methods learnt for physical testing of fibre, yarn and fabric
	CO4- Testing of functional, performance, aesthetic and comfort properties of fabric properties
	CO5- Examine the colour fastness of various fabrics
<b>Voc FTAD 4.6- FASHION DRAPING</b>	CO1- Recall the basics of draping
	CO2- Summarize and utilize the tools and equipments used for draping
	CO3- Apply draping techniques in various designs
	CO4- Assess and incorporate the use of fullness in different draping styles
	CO5- Design and develop new garment designs using draping techniques
<b>SEMESTER V</b>	
<b>Voc FTAD 5.1 FASHION AND</b>	CO1- Understand the meaning of design and its types along with the areas to use them
	CO2- Recall principles of design, its types on garment designs and create new variations
	CO3- Know the color, its science, classification, meaning and significance along with the theories

<b>APPAREL TECHNOLOGY</b>	CO4- Develop new textile designing patterns based on creation of motif, repeating them and on collection of new ideas from various sources of design
	CO5- Apply the design concepts for specific body types
<b>Voc FTAD 5.2 FABRIC TESTING AND QUALITY CONTROL</b>	CO1- Determine the strength of fibre, yarn and fabric
	CO2- Testing of different Accessories
	CO3- Identify the quality concepts, characters and importance of quality control in textile industry
	CO4- Examine the fabric defects by inspection methods
	CO5- Design own care labels
<b>Voc FTAD 5.3 VISUAL MERCHANDISING</b>	CO1- Explain Scope of visual merchandising in India and Concept of merchandizing in the apparel industry
	CO2- Evaluate sourcing, supply chain management, and resource planning
	CO3- Knowledge of customers about the goods and services sold in the store.
	CO4- Understand merchandise planning and management
	CO5- Analyze the Procedure involved in the export of apparel
<b>Voc FTAD 5.4 ENTREPRENEURSHIP DEVELOPMENT</b>	CO1- Relate various concepts of entrepreneurship
	CO2- Identify steps involved in project formulation and execution
	CO3- Choose among various Institutional support
	CO4- Develop ideas related to small scale industry with good quality standards
	CO5- Compare different types of market to launch their innovative products
<b>VOCFTAD 5.5 HOME FURNISHINGS</b>	CO1- Recall the concepts of home furnishings
	CO2- Explain the methods for maintenance of home furnishings
	CO3- Choose the right material for furnishings
	CO4- Determine the types of linens available
	CO5- Improve the novelty in furnishings
<b>SEMESTER VI</b>	
<b>Voc FTAD 6.1 BRANDED DESIGN AND COLLECTION</b>	CO1- Illustrate the garments and accessories suitable for different occasions
	CO2- Choose sketching of right garment for various seasons
	CO3- Apply and render suitable textures for different seasons
	CO4- Analyse the contribution of fashion designers to the world

	CO5- Understand fashion business trend and identify the carrier opportunities in fashion industries
	CO6- Design the theme based garments
<b>Voc FTAD 6.2 LABOUR LAWS AND LEGISLATION RELATED TO INDUSTRY</b>	CO1- Understand the concept of Industrial acts and legislations.
	CO2 -Importance of Companies act
	CO3- Know about the Industrial Dispute settlement procedures
	CO4 – Develop knowledge on Industrial development and regulation Act
	CO5- Concept of Trade Unions act, Cooperative societies act, 1912 and Ministry of labour
<b>Voc. FTAD 6.3 APPAREL PRODUCTION TECHNOLOGY</b>	CO 1-Importance of sampling department
	CO 2-Observation industrial Production departments
	CO 3-Understand Linear manufacturing process.
	CO 4- Analyze the quality parameters required for apparel quality products
	CO 5-Develop knowledge about importance of packaging
<b>Voc. FTAD 6.4 TRAINING IN TEXTILE/GARMENT INDUSTRY (3 MONTHS)</b>	CO 1- Analyze different departments in Apparel/ Textile industry
	CO 2- Develop students to the responsibilities and work ethics.
	CO3- Create a feel of the work environment.
	CO4- Develop experience in writing reports in works/projects.

**B.Voc FASHION TECHNOLOGY AND APPAREL DESIGNING**  
**PROGRAM OUTCOMES (PO) – COURSE OUTCOMES (CO)**  
**MAPPING**  
**YEAR - I**  
**SEMESTER – I**  
**(H- High; M- Medium; L - Low)**



<b>Voc FTAD 1.1 FASHION AND APPAREL DESIGN FUNDAMENTALS</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>
	<b>CO2</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>L</b>	<b>M</b>
	<b>CO4</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>

<b>Voc FTAD 1.2 HISTORIC COSTUMES AND TEXTILES</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO2</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO4</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>

<b>Voc FTAD 1.3 INTRODUCTION TO TEXTILES</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>M</b>
	<b>CO2</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>L</b>	<b>H</b>	<b>H</b>

<b>AND CLOTHING</b>	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO4</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>

<b>Voc FTAD 1.4 TEXTILE DESIGNING</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>M</b>
	<b>CO2</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>L</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO4</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>

<b>Voc FTAD 1.5 INTRODUCTION TO SEWING OPERATIONS</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO2</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO4</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>

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## Semester-II

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<b>GARMENT INDUSTRY FOR A WEEK</b>	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
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### Semester-III

<b>Voc FTAD 3.1 INTRODUCTION TO PATTERN MAKING</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO2</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO4</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>

<b>Voc FTAD 3.2 DYEING AND PRINTING</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO2</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>

	<b>CO4</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>

<b>Voc FTAD 3.3 GARMENT CONSTRUCTION - I</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO2</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO4</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>

<b>Voc FTAD 3.4 EMBROIDERY AND SURFACE ORMENTAION TECHNIQUES, FASHION ACCESSORIES</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>
	<b>CO2</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO4</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>

Voc FTAD 3.5 EXTERNAL ELECTIVE FASHION ACCESSORIES	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
	CO1	H	H	H	H	H	H	H	H	M	H
	CO2	H	H	H	H	M	H	H	H	H	H
	CO3	H	H	H	M	M	H	H	H	H	H
	CO4	H	H	H	M	M	H	H	H	H	H
	CO5	H	H	H	M	H	H	H	H	H	H

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## Semester-IV

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	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
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<b>Voc FTAD 4.3 COMPUTER AIDED DESIGN (CAD) FOR FASHION DESIGN</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO2</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO4</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>

<b>Voc FTAD 4.4 TEXTILE TRADE</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>L</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO2</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>L</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>L</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO4</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>L</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>L</b>	<b>M</b>	<b>H</b>	<b>H</b>

<b>Voc FTAD 4.5TEXTILE</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>H</b>



TESTING	C02	L	H	H	H	H	L	L	H	H	H
	C03	L	H	H	H	H	L	L	H	H	H
	C04	L	H	H	H	H	L	L	H	H	H
	C05	L	H	H	H	H	L	L	H	H	H

<b>Voc FTAD</b>  <b>4.6-</b> <b>FASHION</b> <b>DRAPING</b>	<b>CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
	<b>CO1</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO2</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO3</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO4</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>
	<b>CO5</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>	<b>H</b>

## SEMESTER V

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