**BACHELOR OF SCIENCE (TEXTILE AND FASHION DESIGNING)**

**SEMESTER-I**

**CORE - I - FIBER & YARN SCIENCE (21UTF01)**

**COURSE OUTCOMES (COs):**

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

**CO1: Recognise** the molecular conformations of various textile fibres.

**CO2**:  Explain the production process of various textile fibres and yarns.

**CO3**: The fibres and yarns in different fields of the textile industry

**CO4**: Analyse the structural investigation techniques of fibres and yarn.

**CO5:** Outline the properties and behaviour of textile fibres and yarns.

**ALLIED-I PATTERN MAKING & GRADING (21UTFA01)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Infer about pattern-making terminology and steps in taking body measurements.

**CO 2:** Summarise the pattern drafting techniques and fitting standards for different garments.

**CO 3:** Generalise the pattern-draping techniques and their facts**.**

**CO4:** Predict different pattern grades and fabric grains for cutting.

**CO5:** Explain pattern alteration techniques and predict the various kinds of pattern layout.

**CORE-I: PROFESSIONAL ENGLISH FOR LIFE SCIENCES**

**(20UPEL01)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Recognise their own ability to improve their own competence in using the language.

**CO2:** Use language to speak with confidence in an intelligible and acceptable manner.

**CO3:** Understand the importance of reading for life.

**CO4:** Read independently unfamiliar texts with comprehension.

**CO5:** Understand the importance of writing in academic life.

**CORE PRACTICAL-I FIBER & YARN SCIENCE (21UTFP01)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Discover the natural and man-made fibers using various identification test methods.

**CO2**: Determine the proportion of different fibres in the blended material.

**CO3:** Calibrate the count and twist of the textile yarn.

**CO4**: Analyse the structural investigation techniques of fibres and yarn.

**SEMESTER-II**

**ALLIED-II   APPAREL MANUFACTURING MACHINERIES &**

**EQUIPMENT (21UTFA02)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Describe the various machines and processes involved in fabric spreading and cutting.

**CO2:** Generalise the types of garment production machines and their application methods.

**CO3:** Summarise the sewing machines and their special attachments for higher production.

**CO4:** Explain the special machines and their functions in the garment industry.

**CO5:** Identify garment finishing machines and their working principles.

**PROFESSIONAL ENGLISH FOR LIFE SCIENCES**

**(20UPEL02)**

**COURSE OUTCOME (CO’s)**

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

**CO1:** Attend interviews with boldness and confidence.

**CO2:** Adapt easily into the workplace context, having become communicatively competent.

**CO3:** Apply to the Research & Development organisations or sections of companies and offices with winning proposals.

**CORE PRACTICAL-II   BASIC APPAREL DESIGNING-(21UTFP02)**

**COURSE OUTCOME (CO’s)**

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

**CO1:** Manipulate the various seams, seam finishes, and bias finishing techniques.

**CO2:** Customise the fullness methods, plackets, and fastener attachments in garments.

**CO3:** Construct the various body parts of a garment**.**

**ALLIED PRACTICAL-II BASIC ILLUSTRATION & SKETCHING (21UTFAP01)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Compose various types of garments and their parts.

**CO2:** Design different kinds of accessories and ornaments.

**CO3:** Deconstruct the various head theories of human figures, features, and different positions of body parts.

**SEMESTER-III**

**CORE-II WOVEN FABRIC SCIENCE (21UTF02)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Clarify the preparatory processes involved in the woven fabric production.

**CO2:** Explain the principles of the sizing process and its methods.

**CO3:** Infer about the basic mechanism of the loom and its structure.

**CO4:** Categorise the woven fabrics and their structure.

**CO5:** Differentiate the types of looms and jacquard mechanisms involved in woven fabric production.

**CORE PRACTICAL- III WOVEN FABRIC SCIENCE (21UTFP03)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Calibrate design, draft, and peg-plan for simple woven fabrics.

**CO2:** Determine the designs for decorative woven fabrics.

**CO3:** Formulate the draft and peg plan for decorative woven fabrics.

**CORE-III KNITTING & NON-WOVEN (21UTF03)**

**COURSE OUTCOMES (COs):**

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

**CO1: Outline the** basics of the knitting process and knitting machine process functions.

**CO2:** Summarise the warp and weft knitting process and its production techniques.

**CO3:** Explain seamless knitting and the care of knitted fabric maintenance.

**CO4**: Generalise the non-woven fabric production process and its uses

**CO5**: Infer about technical textile applications and their types.

**ALLIED-III FASHION DESIGNING (21UTFA03)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Distinguish fashion and differentiate elements and principles of design.

**CO2:** Generalise the colour combinations with standard colour harmonies.

**CO3**: Interpret the fashion evolution and consumer groups in fashion theories and forecasting.

**CO4:** Justify the different dress designs for unusual figure types.

**CO5**: Describe fashion terminologies and fashion profiles.

**ALLIED PRACTICAL -III FASHION DESIGNING (21UTFAP03)**

**COURSE OUTCOMES (COs):**

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

**CO1**: Interpret fashion evolution, consumer groups in fashion theories, and forecasting.

**CO2:** Justify the different dress designs for unusual figure types.

**CO3**: Describe fashion terminologies and fashion profiles.

**CORE PRACTICAL- IV KNIT FABRIC DESIGN & ANALYSIS (21UTFP04)**

**COURSE OUTCOMES (COs):**

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

**CO1**: Discover the loop structure and graphical representation of weft knit fabrics

**CO2:** Determine the loop structure and graphical representation of warp knit fabrics.

**CO3:** Classify the different defects in the knitted fabrics.

**CORE PRACTICAL- IV CHILDREN'S APPAREL PRACTICAL (21UTFP05)**

**COURSE OUTCOMES (COs):**

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

**CO1**: Design and generalise the measurements for the various kids’ garments.

**CO2:** Prepare patterns and calculate material requirements for the designed kid’s wear.

**CO3:** Construct the designed kid’s garment and calibrate the cost of the garment.

**SEMESTER-IV**

**CORE-V TEXTILE TESTING & QUALITY CONTROL (21UTF05)**

**COURSE OUTCOMES (COs):**

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

**CO1**: Explain the testing procedure for various yarn parameters.

**CO2:** List out the specifications for various woven and knitted fabrics.

**CO3:** Differentiate the various systems used for fabric inspection.

**CO4:** List out the possible defects and their causes in apparel production.

**CO5**: Differentiate the categories of defects in garments and the various standards followed in apparel testing.

**CORE-VI TEXTILE WET PROCESSING (21UTF06)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Generalise the pre-preparatory process sequence in the textile industry

**CO2**: Explain the types of finishes used in textile materials.

**CO3:** Discover the textile dyes and dyeing methods

**CO4:** Infer about direct printing methods.

**CO5**: Outline discharge printing and the need for effluent treatment.

**ALLIED-IV HOME TEXTILES (21UTFA04)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Classify the home textile products and list out the fabric selection factors.

**CO2:** Categorise the types of floor and wall coverings in home textiles.

**CO3:** Distinguish doors and window treatments in home furnishing.

**CO4**: Generalise the furnishing used in the living room.

**CO5**: Discover the furnishing types of kitchen and dining.

**CORE PRACTICAL-VI WOMEN'S APPAREL PRACTICAL (21UTFP06)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Design and generalise the measurements for the various women's garments.

**CO2:** Prepare patterns and calculate material requirements for the designed women’s wear.

**CO3:** Construct the designed women’s garment and calibrate the cost of the garment.

**CORE PRACTICAL-VII TEXTILE WET PROCESSING PRACTICAL (21UTFP07)**

**COURSE OUTCOMES (COs):**

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

**CO1**: Prepare the samples by the pre-treatment process and calculate the weight loss percentage.

**CO2:** Formulate the recipe for the fabric sample dyeing.

**CO3:** Produce the sample using the formulated recipe and calibrate the shade percentage.

**SBEC-I EMBROIDERY & ACCESSORIES MAKING PRACTICAL (21UTFSP01)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Produce the hand and machine embroidery samples.

**CO2:** Prepare decorative samples using beads, mirrors, sequins, etc.

**CO3:** Develop complex fashion accessories by learning to design different accessories.

**SEMESTER-V**

**CORE-VII APPAREL COSTING & MERCHANDISING (21UTF07)**

**COURSE OUTCOMES (COs):**

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

**CO1**: Infer about the elements of cost in pricing apparel.

**CO2:** Generalize the process involved in budgeting.

**CO3:** Estimate the fabric cost in apparel production.

**CO4**: Summarise the order sheet and maintain records in the garment production unit.

**CO5**: Prioritise the promotional aids for retail and wholesale apparel marketing.

**CORE-VIII TEXTILE FINISHING (21UTF07)**

**COURSE OUTCOMES (COs):**

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

**CO1**: Distinguish the method and application of finishes on different textile substrates.

**CO2**: Generalise the process sequence of mechanical finishes on textile materials.

**CO3:** Interpret the functional finishes on textile materials

**CO4**: Infer about the advanced finishes carried out on textiles.

**CO5**: Discover the special finishes on textile materials.

**CORE-IX FASHION BUSINESS COMMUNICATION (21UTF09)**

**COURSE OUTCOMES (COs):**

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

**CO1**: Describe the factors influencing fashion changes and world fashion centres.

**CO2**: Analyse the contributions of fashion designers nationally and internationally.

**CO3**: Generalise the steps involved in new product development and sales promotion.

**CO4**: Analyse the scope and functions of retailing and pricing.

**CO5**: Evaluate the environmental pollution created by fashion products and move towards sustainable fashion.

**CORE PRACTICAL-VIII COMPUTER APPLICATION IN GARMENT DESIGNING PRACTICAL (21UTFE01)**

**COURSE OUTCOME (CO’s)**

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

**CO1:** Draft the pattern for various kids', women's, and men’s wear.

**CO2:** Grade the pattern blocks into various sizes.

**CO3:** Create marker planning for the pattern for cutting with higher efficiency.

**INTERNSHIP TRAINING (VIVA-VOCE)**

**COURSE OUTCOMES (COs):**

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

**CO1: Generalise the** working structure of the industry or company

**CO2:** Analyse the methods adopted in the training place.

**CO3:** Recognise the challenges in the training place.

**CORE PRACTICAL-IX MEN'S APPAREL PRACTICAL (21UTFP10)**

**COURSE OUTCOMES (COs):**

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

**CO1:** Design and generalise the measurements for the various men’s garments.

**CO2:** Preparepatterns and calculate material requirements for the designed men’s wear.

**CO3:** Construct the designed men’s garment and calibrate the cost of the garment.

**SEMESTER-VI**

**CORE-X CLOTHING CARE (21UTF02)**

**COURSE OUTCOMES (COs):**

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

**CO1**: Identify the suitable methods of washing, drying, ironing, and storing.

**CO2:** Evaluate the methods and equipment to be used for the better life of clothes.

**CO3:** Appraise the stiffening agents used in fabric washing.

**CO4**: Recognise the principles of washing and its facts.

**CO5**: Analyse the special types of laundry for special fabrics and care label symbols.

**CORE-XI APPAREL PRODUCTION MANAGEMENT**

**COURSE OUTCOMES (COs):**

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

**CO1**: Outline the testing procedure for various yarn parameters.

**CO2**: List out the specifications for various woven and knitted fabrics.

**CO3**: Differentiate the various systems used for fabric inspection.

**CO4**: List out the possible defects and their causes in apparel production.

**CO5**: Differentiate the categories of defects in garments and the various standards followed in apparel testing.

**MBEC-III INTERNATIONAL TRADE AND DOCUMENTATION**

**COURSE OUTCOMES (COs):**

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

**CO1:** Outline export promotion council procedures for firm establishment.

**CO2**: Infer about the implications of foreign trade policy and its documentation.

**CO3:** Generalise the import trade procedures and documentation.

**CO4:** Summarise the procedure and formalities of shipment and customs.

**CO 5**: Interpret the payment procedures and delivery formalities.

**CORE PRACTICAL-X FASHION DRAPING PRACTICAL**

**COURSE OUTCOMES (COs):**

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

**CO1:** Prepare muslin and formulate the measurements for various garments’s draping.

**CO2**: Produce the pattern blocks in dress form for various garments.

**CO3**: Create dart or pleat variations in appropriate garment patterns.

**SBEC-II PORTFOLIO PRESENTATION-VIVA VOCE**

**COURSE OUTCOMES (COs):**

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

**CO1**: Select a theme for different garment categories.

**CO2:** Create different portfolio boards for selected themes.

**CO3:** Construct the garments fo**r** all designed categories**.**

**SBEC-III BEAUTY CARE PRACTICAL**

**COURSE OUTCOMES (COs):**

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

**CO1:** Create various techniques used in beauty care.

**CO2:** Design traditional and modern-style makeup using different equipment.

**CO3**: Practice beauty techniques and procedures for different occasions.