



R.T.E. SOCIETY'S
RURAL ENGINEERING COLLEGE,
HULKOTI-582 205.

(Approved by A.I.C.T.E.(New Delhi) Affiliated to V. J. U. Hebagavi)

E-mail: principalrechkt@rediffmail.com

(ESTD-1900)

Ph No. 08372-289097
08372-289253
Fax: 08372-289427

State: Karnataka

Dist. Gadag

DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 1 Scheme : 2017
Course: Engineering Mathematics-1(17MAT11) Year: 2017-18

CO1	Student will be able to find how to calculate the nth order derivatives of a given function and apply the knowledge of calculus to solve problems related to polar curves and its applications in determining the bentness of a curve.
CO2	Student will be able to evaluate limits with indeterminate forms using l'hospital's rule and express function of one variable as infinite series, also use partial derivatives to calculate rates of change of multivariate functions.
CO3	Student will be able to apply the vector differential operator to determine the gradient, divergence and curl. also illustrate the applications of multivariate calculus to understand the solenoidal and irrotational vectors
CO4	Student will be able to apply the reduction formula to evaluate definite integral, apply various methods of the differential equation to solve first-order linear ode and its applications to various fields.
CO5	Student will be able to apply the matrix techniques to reduce the quadratic forms to canonical forms.

Branch : Textile Technology Semester : 1 Scheme : 2017
Course: ENGINEERING PHYSICS - THEORY(17PHY12) Year: 2017-18

CO1	Student will be able to learn and understand more about the basic principles and to develop problem solving skills and implementation in technology
CO2	Student will be able to gain knowledge about modern physics and quantum mechanics
CO3	Student will be able to study material properties and their application as it is the prime role to implement in engineering studies and applications and basic concepts of nano science and technology.
CO4	Student will be able to study lasers and optical fibers to assimilate knowledge and to develop skills on its applications in communication
CO5	Student will be able to understand crystal structure , shock wave concepts and application.



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COURSE OUTCOMES

Branch : Textile Technology Semester : 1 Scheme : 2017
Course: Elements of Civil Engineering And Mechanics(17CIV13) Year: 2017-18

CO1	Student will be able to mention the applications of various fields of civil engineering, and computation of resultant of coplanar concurrent and non-concurrent forces also moment of force system.
CO2	Student will be able to compute the different forces acting on the concurrent force systems by applying equilibrium conditions and lami's theorem. computing the friction acting on the different bodies.
CO3	Student will be able to comprehend the action of forces, moment and other loads on beams and compute the relative reactions developed due to external loads.
CO4	Student will be able to locate the centroid, compute moment of inertia of regular and built up sections.
CO5	Student will be able to express the relationship between the motions of bodies and analyze the motion of body.

Branch : Textile Technology Semester : 1 Scheme : 2017
Course: Elements of Mechanical Engineering(17EME14) Year: 2017-18

CO1	Student will be able to identify different sources of energy and their conversion process.
CO2	Student will be able to explain the working principle of hydraulic turbines, pumps, ic engines and refrigeration's.
CO3	Student will be able to recognize various metals joining processes and power transmission elements
CO4	Student will be able to understand the properties of common engineering materials and their applications in engineering industry
CO5	Student will be able to discuss the working of conventional machine tools, machining processes, tools and accessories

Branch : Electronics & Communication Engineering Semester : 1 Scheme : 2017
Course: BASIC ELECTRICAL ENGG(17ELE15) Year: 2017-18




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COURSE OUTCOMES

CO1	Student will be able to interpret and apply the concepts of ac and dc
CO2	Student will be able to understand the facts of single phase circuits and principle, operation and construction of single phase transformers.
CO3	Student will be able to understand and apply the principle of operation and construction of dc machines and synchronous machines
CO4	Student will be able to understand and apply the principle of operation and construction of three phase induction motors
CO5	Student will be able to illustrate and identify the concepts.

Branch : Textile Technology Semester : 1 Scheme : 2017

Course: WORKSHOP PRACTICE(17WSL16) Year: 2017-18

CO1	Student will be able to demonstrate and produce different types of fitting models
CO2	Student will be able to knowledge of development of sheet models with an understanding of their application
CO3	Student will be able to perform soldering and welding of different sheet metal and welded joints.
CO4	Student will be able to understand the basics of workshop practice

Branch : Textile Technology Semester : 1 Scheme : 2017

Course: ENGINEERING PHYSICS LAB(17PHYL17) Year: 2017-18

CO1	Student will be able to develop skills to impart practical knowledge in real-time solutions
CO2	Student will be able to understand principle concepts working and application of new technology and comparison of results with theoretical calculation
CO3	Student will be able to design new instrument with practical knowledge
CO4	Student will be able to gain knowledge of new concepts in the solution of practical oriented problems and to understand its solutions theoretical problems.
CO5	Student will be able to understand and use new instrument in engg studies



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DEPARTMENT OF TEXTILE TECHNOLOGY

COURSE OUTCOMES

Branch : Textile Technology Semester : 2 Scheme : 2017
Course: Engineering Mathematics-2(17MAT21) Year: 2017-18

CO1	Student will be able to apply ordinary differential equations to model engineering phenomena such as electrical circuits, forced oscillation of mass spring and elementary heat transfer
CO2	Student will be able to identify the non-linear d. e. to find solution of different non-linear systems.
CO3	Student will be able to apply partial differential equations to model problems in fluid mechanics, electromagnetic theory and heat transfer
CO4	Student will be able to apply multiple integrals to find area, volume, mass and moment of inertia of plane and solid region.
CO5	Student will be able to use laplace transforms to determine general or complete solutions to linear ode

Branch : Textile Technology Semester : 2 Scheme : 2017
Course: Engineering Chemistry(17CHE22) Year: 2017-18

CO1	Student will be able to understand the concept of different electrodes, and standard electrode and giving knowledge abc batteries and fuel cell
CO2	Student will be able to apply the concept of corrosion and giving awareness and providing solution for corrosion control.
CO3	Student will be able to utilize of non renewable energy and giving importance to solar energy source than non renewable energy source
CO4	Student will be able to give solution to environmental impurities like hardness of water, sewage treatment, identifying the problems in boiler and value of nano technology
CO5	Student will be able to study of various instruments used in analysis and application of nanotechnology in various fields.




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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 2 Scheme : 2017

Course: PROGRAMMING IN C AND DATA STRUCTURES(17PCD23) Year: 2017-18

CO1	Student will be able to apply knowledge of problem solving skills to solve various problems.
CO2	Student will be able to apply basic principles of programming in c language.
CO3	Student will be able design and develop solutions to various problems using modular programming approach.
CO4	Student will be able to apply basic concepts of arrays, pointers, files, and data structures to solve various problems.
CO5	Student will be able to understand, analyse, and apply static and dynamic memory allocation techniques.

Branch : Textile Technology Semester : 2 Scheme : 2017

Course: COMPUTER AIDED ENGINEERING DRAWING(17CED24) Year: 2017-18

CO1	Student will be able to demonstrate the usage of cad software
CO2	Student will be able to visualize and draw orthographic projections, sections of solids and isometric views of solid
CO3	Student will be able to evaluate their ability in applying various concepts to solve practical problems related to engineering drawing

Branch : Textile Technology Semester : 2 Scheme : 2017

Course: BELN(17ELN25) Year: 2017-18

CO1	Student will be able to learn diodes & rectifiers
CO2	Student will be able to learn transistor biasing and op-amps
CO3	Student will be able to learn digital electronics
CO4	Student will be able to learn flip flops, micro processors, and microcontrollers
CO5	Student will be able to learn communication systems



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COURSE OUTCOMES

Branch : Textile Technology Semester : 2 Scheme : 2017
Course: COMPUTER PROGRAMMING LAB(17CPL26) Year: 2017-18

CO1	Student will be able to gain knowledge on various parts of a computer
CO2	Student will be able to draw flowcharts and write algorithms
CO3	Student will be able to design and development of c problem solving skills.
CO4	Student will be able to design and develop modular programming skills.
CO5	Student will be able to trace and debug a program

Branch : Textile Technology Semester : 2 Scheme : 2017
Course: Engineering Chemistry Lab(17CHEL27) Year: 2017-18

CO1	Student will be able to estimate, analyze and create awareness of water impurities by testing of water sample like hardness, alkalinity, cod, the technology involved in estimating and awareness fe in hematite ore, and cu in brass, lime in cement
CO2	Student will be able to apply the instrumental technology in order to analyses cu in calorimeter and fe in potentiometer, determine the pka, viscosity coefficient and estimate the acid in acid mixture conductometry for various applications.

Branch : Textile Technology Semester : 2 Scheme : 2017
Course: ENVIRONMENTAL STUDIES(17CIV28) Year: 2017-18

CO1	Student will be able to understand the principles of ecology and environmental issues that apply to air,land, and water issues on a global scale.
CO2	Student will be able to develop critical thinking and/or observation skills, and apply them to the analysis of a problem or question related to the environment.
CO3	Student will be able to demonstrate ecology knowledge of a complex relationship between biotic and abiotic components.
CO4	Student will be able to apply their ecological knowledge to illustrate and graph a problem and describe the realities that managers face when dealing with complex issues.




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COURSE OUTCOMES

Branch : Textile Technology Semester : 3 Scheme : 2017
Course: T T-2(17TX31) Year: 2018-19

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to learn basic terms in knitting and compare with weft and warp knitting
CO3	Student will be able to learn about properties, production, uses of single jersey, rib, interlock, purl structures
CO4	Student will be able to learn technique used for pattern wheel, pattern drum, positive feed, properties
CO5	Student will be able to understand the concept and production of warp knitted fabrics

Branch : Textile Technology Semester : 3 Scheme : 2017
Course: TEXTILE FIBRES(17TX32) Year: 2018-19

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to understand fundamentals of protein fibres & will gain knowledge about cultivation as well as physical & chemical properties of silk & wool fibres.
CO3	Student will be able to understand fundamentals of bast fibres & will gain knowledge about physical & chemical properties of bast fibres
CO4	Student will be able to understand fundamentals of mmfs & will gain knowledge about different types of spinning of mmfs & spin finish
CO5	Student will be able to understand types of regenerated & eco friendly fibres, its manufacture & their properties.




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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 3 Scheme : 2017

Course: SPINNING TECHNOLOGY-I(17TX33) Year: 2018-19

CO1	Student will be able to learn the various ginning techniques and importance of blending & mixing.
CO2	Student will be able to gain knowledge about the machinery and process parameters of blow room.
CO3	Student will be able to gain knowledge about the machinery and process parameters of carding.
CO4	Student will be able to gain knowledge about the maintenance and recent developments of carding.
CO5	Student will be able to gain knowledge about the quality control studies carried out at carding

Branch : Textile Technology Semester : 3 Scheme : 2017.

Course: FABRIC MANUFACTURING TECHNOLOGY - I(17TX34) Year: 2018-19

CO1	Student will be able to recall & recognize the necessity of warp & weft preparation
CO2	Student will be able to recognize & demonstrate winding operation, accessories of winding, settings, analyze winding m/cs their working features auto-winding machines.
CO3	Student will be able to recognize & demonstrate warping m/c, weft winders, and different creels.
CO4	Student will be able to recognize, demonstrate & analyze sizing concepts ingredients of size cooking m/c, saw box
CO5	Student will be able to recall & recognize & analyze post sizing operations, drying principle, controls




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COURSE OUTCOMES

Branch : Textile Technology Semester : 3 Scheme : 2017
Course: CHEMICAL PROCESSING OF TEXTILE-I(17TX35) Year: 2018-19

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to learn work in technical textile manufacturing industry
CO3	Student will be able to get exposed to research field in technical textiles and their applications in various industries
CO4	Student will be able to understand the machines of chemical process with mercerization of fabric
CO5	Student will be able to attain the knowledge eco-friendly processes and water management

Branch : Textile Technology Semester : 3 Scheme : 2017
Course: SPINNING TECHNOLOGY LAB – I(17TXL36) Year: 2018-19

CO1	Student will be able to learn the practical aspects of the machineries used
CO2	Student will be able to gain knowledge about the process parameters such as settings, speeds of blow room and carding
CO3	Student will be able to define the actual running of the machineries

Branch : Textile Technology Semester : 3 Scheme : 2017
Course: FMT-I(17TXL37) Year: 2018-19

CO1	Student will be able to recall & recognize the features passage, production calculation & efficiency of hank winding m/c, cone winding m/c.
CO2	Student will be able to recall, recognize & analyze the non-auto & auto pirn winding, bunch building production and efficiency calculations
CO3	Student will be able to recognize & demonstrate production and efficiency warping machines like beam and sectional warping machines.
CO4	Student will be able to recall, recognize sizing machine: passage through sow box drying equipment's, head stock
CO5	Student will be able to recall, recognize weft preparation auto & non-auto winding m/c.



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COURSE OUTCOMES

Branch : Textile Technology Semester : 3 Scheme : 2017

Course: C P T LAB-I(17TXL38) Year: 2018-19

CO1	Student will be able to acquire practical knowledge of various chemical preparatory process.
CO2	Student will be able to process control, chemicals and auxiliaries used, machineries
CO3	Student will be able to prepare the students work in various chemical industries.

Branch : Textile Technology Semester : 4 Scheme : 2017

Course: TEXTILE FIBRE PHYSICS(17TX41) Year: 2018-19

CO1	Student will be able understand the structure of fibers
CO2	Student will be able to gain knowledge about physical structure and moisture properties of fibers.
CO3	Student will be able to understand the mechanical & dynamic mechanical properties of fibers.
CO4	Student will be able to understand the frictional properties of fibers with bending behavior of textile fibres
CO5	Student will be able to gain knowledge about optical, electrical and thermal properties of textile fibres.

Branch : Textile Technology Semester : 4 Scheme : 2017

Course: T T-2(17TX42) Year: 2018-19

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to learn about properties, production ,uses of polyamide fiber, pan, elastomeric fibers.
CO3	Student will be able to understand various high performance fibers and their uses
CO4	Student will be able to learn technique used to production of special fibers like glass, carbon, boron, hdpe fibers
CO5	Student will be able to post spinning operations in manufactured fibers.



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COURSE OUTCOMES

Branch : Textile Technology Semester : 4 Scheme : 2017

Course: SPINNING TECHNOLOGY - II(17TX43) Year: 2018-19

CO1	Student will be able to gain knowledge about the machinery and process parameters of drawing.
CO2	Student will be able to gain knowledge about the quality control study of draw frame and the machinery and process parameters of comber.
CO3	Student will be able to gain knowledge about the quality control study of comber & importance of speed frame
CO4	Student will be able to gain knowledge about the machinery and process parameters of speed frame
CO5	Student will be able to gain knowledge about the quality control study & recent technological developments of speed frame

Branch : Textile Technology Semester : 4 Scheme : 2017

Course: FABRIC MANUFACTURING TECHNOLOGY -II(17TX44) Year: 2018-19

CO1	Student will be able to recall & recognize the fundamentals of different motions of weaving, timing & setting.
CO2	Student will be able to recognize & demonstrate winding operation, accessories of winding, settings, analyze winding m/cs their working features auto-winding machines.
CO3	Student will be able to recall & recognize the take up mechanism construction, working, objectives, types and speed, production calculation of different mechanisms and loom.
CO4	Student will be able to recognize demonstrate auxiliary motions necessity, construction and working.
CO5	Student will be able to learn about construction & working of automatic looms and weaving plant layout, material handling equipments




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COURSE OUTCOMES

Branch : Textile Technology Semester : 4 Scheme : 2017
Course: CHEMICAL PROCESSING OF TEXTILE-I(17TX45) Year: 2018-19

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to gain knowledge about the dyeing machinery involved, understand the recipes used in dyeing of cellulosic, protein, synthetic fibres and blends
CO3	Student will be able to get exposed to actual mechanisms involved in various dyeing operations and processes carried out in the industry
CO4	Student will be able to gain knowledge about latest developments in dyeing, dyes and auxiliaries, natural dyes etc
CO5	Student will be able to gain confidence to work in a dye house

Branch : Textile Technology Semester : 4 Scheme : 2017
Course: SPINNING TECHNOLOGY LAB-II(17TXL46) Year: 2018-19

CO1	Student will be able to learn the practical aspects of the machineries used
CO2	Student will be able to gain knowledge about the process parameters such as settings, speeds of draw frame,
CO3	Student will be able to define the actual running of the machineries

Branch : Textile Technology Semester : 4 Scheme : 2017
Course: FMT-II(17TXL47) Year: 2018-19

CO1	Student will be able to get exposed to various motions of weaving and acquire knowledge of setting and timing defects.
CO2	Student will be able to learn assembling and dismantling, working of all weaving machineries.
CO3	Student will be able to understand importance to calculate production, speeds calculations and quality control aspects.




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COURSE OUTCOMES

Branch : Textile Technology Semester : 4 Scheme : 2017
 Course: C P T LAB-II(17TXL48) Year: 2018-19

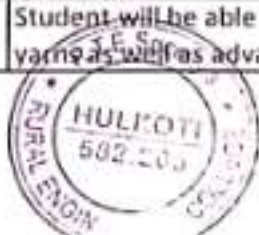
CO1	Student will be able to learn the practical aspects of the machineries used
CO2	Student will be able to gain knowledge about the process parameters such as settings, speeds of draw frame,


Branch : Textile Technology Semester : 5 Scheme : 2017
 Course: MANAGEMENT AND ENTREPRENEUR IN TEXTILE INDUSTRY(17TX51) Year: 2019-20

CO1	Student will be able to define management and planning and outline their importance in entrepreneurship.
CO2	Student will be able to define organising, staffing, directing and controlling and outline their importance in entrepreneurship.
CO3	Student will be able to define entrepreneurship in textile and garments industry and make use of msme in entrepreneurship.
CO4	Student will be able to define business planning process, lean manufacturing and usage in entrepreneurship.
CO5	Student will be able to describe the behaviour of verification, calibration and validation.

Branch : Textile Technology Semester : 5 Scheme : 2017
 Course: SPINNING TECHNOLOGY-III(17TX52) Year: 2019-20

CO1	Student will be able to gain knowledge about the machinery and process parameters of ring frame.
CO2	Student will be able to gain knowledge about the recent developments & the quality control studies at ring frame
CO3	Student will be able to gain knowledge about the machinery and process parameters of doubling & introduction to o e spinning.
CO4	Student will be able to gain knowledge about the machinery and process parameters of o e spinning.
CO5	Student will be able to gain knowledge about the machinery and process parameters of fancy yarns as well as advanced spinning techniques




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Branch : Textile Technology Semester : 5 Scheme : 2017
Course: FABRIC MANUFACTURING TECHNOLOGY - III(17TX53) Year: 2019-20

CO1	Student will be able to know the dobby, different types of dobby application and methods of pegging.
CO2	Student will be able to know the jacquard, different types of jacquard application
CO3	Student will be able to gain knowledge about costing out, figuring capacity & programming possibilities of jacquard.
CO4	Student will be able to understand unconventional methods of weaving, techno economic studies, productivity & material handling.
CO5	Student will be able to understand the preparatory process & yarn quality requirements. loom maintenance and management of loom shed.

Branch : Textile Technology Semester : 5 Scheme : 2017
Course: CHEMICAL PROCESSING OF TEXTILE-III(17TX54) Year: 2019-20

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to understand the printing process

Branch : Textile Technology Semester : 5 Scheme : 2017
Course: KNITTING TECH(17TX551) Year: 2019-20

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to learn basic terms in knitting and compare with weft and warp knitting
CO3	Student will be able to learn about properties, production, uses of single jersey, rib, interlock, purl structures
CO4	Student will be able to learn technique used for pattern wheel, pattern drum, positive feed, properties
CO5	Student will be able to understand the concept and production of warp knitted fabrics



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DEPARTMENT OF TEXTILE TECHNOLOGY

COURSE OUTCOMES

Branch : Textile Technology Semester : 5 Scheme : 2017
Course: SPINNING TECHNOLOGY LAB-III(17TXL56) Year: 2019-20

CO1	Student will be able to carry out the experiments practically.
CO2	Student will be able to get exposed to various process conditions, production calculations and
CO3	Student will be able to make them thorough with various settings of machines and handling


Branch : Textile Technology Semester : 5 Scheme : 2017
Course: FMT-III(17TXL57) Year: 2020-21

CO1	Student will be able to understand & prepare the designs and produce the samples on the loom.
CO2	Student will be able to understand the working of knitting machine, its elements and how to produce the knitted structures

Branch : Textile Technology Semester : 5 Scheme : 2017
Course: CHEMICAL PROCESSING OF TEXTILES LAB-III(17TXL58) Year: 2019-20

CO1	Student will be able to acquire practical knowledge of various color
CO2	Student will be able to get exposed to process control, chemicals and auxiliaries used,
CO3	Student will be able work in various chemical processing industries.




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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 6 Scheme : 2017
Course: SERICULTURE AND SILK TECHNOLOGY[17TX61] Year: 2019-20

CO1	Student will be able to understand silk potential in india and abroad
CO2	Student will be able to gain knowledge about different types of cocoons, sorting, testing, stifling
CO3	Student will be able to learn about silk throwing objectives, winding, doubling, rewinding and twisting of silk
CO4	Student will be able to gain knowledge about potential of spun silk industry and the chemical processes of spun silk
CO5	Student will be able to learn about wet processing of silk, silk by-products, non-mulberry silks & their applications

Branch : Textile Technology Semester : 6 Scheme : 2017
Course: TT1[17TX62] Year: 2019-20

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to test and learn principles of fiber strand like sliver, roving, yarns
CO3	Student will be able to study various instruments used to test the fibre properties by modern instruments.
CO4	Student will be able to learn technique used for testing yarn parameter count, twist in single and ply
CO5	Student will be able to understand the quality parameters of yarn, like strength, friction




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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 6 Scheme : 2017

Course: TT-2(17TX63) Year: 2019-20

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO3	Student will be able to study about properties, production, uses of single jersey, rib, interlock, purl structures
CO4	Student will be able to learn technique used for pattern wheel, pattern drum, positive feed, properties
CO5	Student will be able to learn concept and production of warp knitted fabrics

Branch : Textile Technology Semester : 6 Scheme : 2017

Course: FABRIC STRUCTURE AND DESIGN-1(17TX64) Year: 2019-20

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to learn various construction particulars and manufacturing data of twill & sateen weaves
CO3	Student will be able to learn various construction particulars and manufacturing data of simple fancy weaves & fabrics
CO4	Student will be able to learn simple colour & weave effects and their end uses.
CO5	Student will be able to learn classification of colours, mixed coloured effects, various bases of textile design and study of historical textile designs



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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 6 Scheme : 2017
Course: NON WOVEN TECHNOLOGY(17T5X653) Year: 2019-20

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to gain knowledge about different types of manufacture of non-woven webs
CO3	Student will be able to gain knowledge about the various methods of bonding web.
CO4	Student will be able to gain knowledge about the various methods of chemical bonding & finishing of non-wovens.
CO5	Student will be able to gain knowledge about the non-woven fabric properties, testing of non-wovens application of non-wovens

Branch : Textile Technology Semester : 6 Scheme : 2017
Course: T.T.LAB-I(17TXL66) Year: 2019-20

CO1	Student will be able to learn basic testing of fiber parameters like length, fineness, moisture relations.
CO2	Student will be able to understand about testing and principles of fibre strength, microscopic appearance.
CO3	Student will be able to study various instruments used to test the yarn count, strength, csp, rkm
CO4	Student will be able to learn technique used for testing of yarn twist and twist multiplier.
CO5	Student will be able to learn about testing of ply yarns.



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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 6 Scheme : 2017
Course: F D G M LAB(17TXL67) Year: 2019-20

CO1	Student will be able to acquire the knowledge in techniques of body measurements and standard sizes.
CO2	Student will be able to learn about method of pattern constructions in mens, womens wear
CO3	Student will be able to get idea about garment production methods spreading, cutting numbering and
CO4	Student will be able to learn about sewing quality parameters, stitches, seams, machines practicing
CO5	Student will be able to understand about quality parameters in garments and their control.

Branch : Textile Technology Semester : 6 Scheme : 2017
Course: F S D LAB-I(17TXL68) Year: 2019-20

CO1	Student will be able to learn the analysis of fabrics for construction details.
CO2	Student will be able to learn the analysis of manufacturing details
CO3	Student will be able to learn know the design features and production aspects.

Branch : Textile Technology Semester : 7 Scheme : 2017
Course: APPAREL MARKETING & MERCHANDISING(17TX71) Year: 2020-21

CO1	Student will be able to learn about organization of the apparel industry and business concepts of apparel industry.
CO2	Student will be able to gain knowledge about marketing and merchandising strategies.
CO3	Student will be able to understand the basics garment analysis and standards for quality, fit, and performance
CO4	Student will be able to understand the apparel design
CO5	Student will be able to understand about the apparel export marketing




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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 7 Scheme : 2017

Course: T T-2(17TX72) Year: 2020-21

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to test and understand principles of fabric dimensions like length, width, thickness, crimp etc
CO3	Student will be able to learn various instruments used to test the fabric stiffness, drape, crease, abrasion, pilling
CO4	Student will be able to learn technique used for testing of water relations in fabrics and their determination.
CO5	Student will be able to understand about fabric inspection and their acceptance criteria, colour fastness

Branch : Textile Technology Semester : 7 Scheme : 2017

Course: FABRIC STRUCTURE AND DESIGN-II(17TX73) Year: 2020-21

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to learn various construction particulars and manufacturing data double clothes.
CO3	Student will be able to learn various construction particulars and manufacturing data of gauze and leno structures principle of designing simple damask and brocades
CO4	Student will be able to learn designing & manufacture of warp & weft pile fabrics
CO5	Student will be able to learn designing & manufacture terry pile structures, narrow fabrics, uncommon woven structures- lappet & swivel fabrics




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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 7 Scheme : 2017
 Course: STATISTICAL APPLICATION TO TEXTILES(17TX741) Year: 2020-21

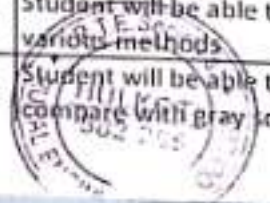
CO1	Student will be able to understand frequency table construction as well as to represent this through graphics
CO2	Student will be able to the gain knowledge about random sampling errors and understands the basics of different distributions
CO3	Student will be able to apply relevant control charts and time eries to various practical problems of textile production
CO4	Student will be able to understand the significance tests and able to set up hypothesis and can solve various significance tests

Branch : Textile Technology Semester : 7 Scheme : 2017
 Course: TOTAL QUALITY MANAGEMENT(17TX751) Year: 2020-21

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to gain knowledge about various philosophies of tqm gurus
CO3	Student will be able to gain knowledge about managing quality.& quality control
CO4	Student will be able to understand the significance of focussing on customer, leadership ,jit & bench marking
CO5	Student will be able to gain knowledge about supply chain management & world class manufacturing

Branch : Textile Technology Semester : 7 Scheme : 2017
 Course: T.T.LAB-II(17TXL76) Year: 2020-21

CO1	Student will be able to give basic testing of yarn evenness by photographic method.
CO2	Student will be able to test and learn principles of fabric dimentions like length, width ,thickness ,crimp weight, cover cloth cover etc.
CO3	Student will be able to give various instruments used to test the fabric stiffness, drape, drape coefficient crease, abrasion of different fabrics..
CO4	Student will be able to understand technique used for testing of fabric tensile properties by various methods
CO5	Student will be able to learn about fabric testing of colour fastness, shrinkage, light fastness and compare with gray scale.



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COURSE OUTCOMES

Branch : Textile Technology Semester : 7 Scheme : 2017
Course: F S D LAB-II(17TXL77) Year: 2020-21

CO1	Student will be able to learn the analysis of fabrics for construction details.
CO2	Student will be able to learn the analysis of manufacturing details.
CO3	Student will be able to understand the design features and production aspects.


Branch : Textile Technology Semester : 7 Scheme : 2017
Course: PROJECT WORK PHASE-I(17TXP78) Year: 2020-21

CO1	Student will be able to identify an engineering problem, devise a means of solving and exhibit the ability to execute the solution.
CO2	Student will be able to demonstrate knowledge of professional and ethical responsibilities.
CO3	Student will be able to show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues.
CO4	Student will be able to communicate effectively in both verbal and written form.
CO5	Student will be able to develop confidence for self-education and ability for lifelong learning.

Branch : Textile Technology Semester : 8 Scheme : 2017
Course: APPAREL MARKETING & MERCHANDISING(17TX81) Year: 2020-21

CO1	Student will be able to know the dobby, different types of dobby application and methods of pegging.
CO2	Student will be able to know the jacquard, different types of jacquard application.
CO3	Student will be able to gain knowledge about costing out, figuring capacity & programming possibilities of jacquard.
CO4	Student will be able to understand the unconventional methods of weaving, techno economic studies, productivity & material handling.
CO5	Student will be able to understand the preparatory process & yarn quality requirements, loom maintenance and management of loom shed.




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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 8 Scheme : 2017

Course: TECHNICAL TEXTILE(17TX82) Year: 2020-21

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to learn work in technical textile manufacturing industry
CO3	Student will be able to get exposed to research field in technical textiles and their applications in various industries
CO4	Student will be able gain knowledge about the smart textile and its applications.
CO5	Student will be able to gain knowledge about the textile in defense and and about environmental protection materials etc

Branch : Textile Technology Semester : 8 Scheme : 2017

Course: HUMAN RESOURCE MANAGEMENT(17TX832) Year: 2020-21

CO1	Student will be able to acquire knowledge of preparatory process of wet processing and preparatory process
CO2	Student will be able to gain knowledge about environment and strategies of hrm, job design, job analysis, job description, job specifications and job evaluation &hrp
CO3	Student will be able to I gain knowledge about the recruitment, selection ,placement, induction & hrd
CO4	Student will be able to gain knowledge about the training & performance appraisal
CO5	Student will be able to I gain knowledge about the employee grievances, discipline & recent trends in hrm



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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 8 Scheme : 2017
Course: INTERNSHIP IN PROFESSIONAL PRACTICE (17TX84) Year: 2020-21

CO1	Student will be able to gain hands-on professional work experience prior to their graduation
CO2	Student will be able to learn, understand and sharpen the real-time technical, managerial and life skills required at the job.
CO3	Student will be able to contextualise the value of industry and professional networks and their importance to independent practice, lifelong learning and career progression
CO4	Student will be able to demonstrate employability skills and attributes, linking them to industry expectations.
CO5	Student will be able to expose engineer's responsibilities and ethics.

Branch : Textile Technology Semester : 8 Scheme : 2017
Course: PROJECT WORK PHASE - II (17TXP85) Year: 2020-21

CO1	Student will be able to identify an engineering problem, devise a means of solving and exhibit the ability to execute the solution
CO2	Student will be able to demonstrate knowledge of professional and ethical responsibilities.
CO3	Student will be able to show the understanding of impact of engineering solutions on the society and also will be aware of contemporary issues
CO4	Student will be able to communicate effectively in both verbal and written form
CO5	Student will be able to develop confidence for self-education and ability for lifelong learning



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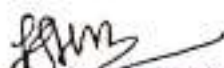
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DEPARTMENT OF TEXTILE TECHNOLOGY
COURSE OUTCOMES

Branch : Textile Technology Semester : 8 Scheme : 2017
Course: SEMINAR(17TXS86) Year: 2020-21

CO1	Student will be able to develop interest towards reseach oriented field with ability to search the literature and brief report preparation.(literature work & report)
CO2	Student will be able to develop the skills,competencies and points of view needed by professionals in the field most closely related to the course(topic coverage)
CO3	Student will be able to discuss and critical thinking about topics of current intellectual practice(topic selection)
CO4	Student will be able to improve the interpersonal and communication skills and awareness about the industrial environment(questionaire)
CO5	Student will be able to develop the presentation skills (body language and presentation skill)


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