

DEPARTMENT OF TEXTILE TECHNOLOGY

NEWSLETTER



KUMARAGURU
college of technology
character is life

Vol 6: Issue 1
Jan to April 2025

FROM THE DEAN'S DESK

Welcome to this edition of our newsletter!

From January to April 2025, the department was vibrant with impactful activities. A key highlight was the *Industry-Academia Conclave on Technology Integration and Futuristic Education of Textile and Fashion*, held in March 2025 by the Textile Cluster. The event drew enthusiastic participation from both industry and academia. During the conclave, four Memorandums of Understanding (MoUs) were signed with the Indian Technical Textile Association (ITTA), The Textile Association of India (TAI), Tamil Nadu Coir Business Development Corporation (TANCOIR), and the Institute for Ecology, Technology and Innovation (OETI). These partnerships will strengthen competency building, industry-driven curriculum development, and research initiatives.

We proudly announced the launch of the Kumaraguru Centre for Research in Technical Textiles (KC.RTT) during the conclave. KC.RTT aims to be a hub for innovation, sustainability, and industry collaboration in technical textiles. It will feature a Technical Textiles Laboratory, funded by the National Technical Textiles Mission (NTTM), focusing on protective and automotive textiles for testing, prototyping, and innovation.

A Sustainability Laboratory will provide end-to-end solutions for fiber-to-fabric processes, along with a Pilot Manufacturing Plant for long-staple spinning, further enhancing our R&D capabilities. We are also delighted to share a major achievement from our Department of Textile Technology! Dr. V. Ramesh Babu, Professor, has secured a prestigious DST research grant under the *Science and Heritage Research Initiative (SHRI)* for his project “*Reviving Heritage through Sustainable Innovation in Textiles*,” worth ₹49.95 lakh, presented at IIT Delhi on April 26, 2025.

Heartfelt congratulations to all our faculty, staff, and students for their remarkable efforts! From organizing events and seminars to publishing impactful research and actively participating in exhibitions, your hard work has been exemplary.

Best Regards

A.Pavendhan
Associate Dean
Textile Cluster

FROM THE HOD'S DESK

The Department of Textile Technology, established in 1995, aims to provide quality education in all areas of textile manufacturing through its Undergraduate and Postgraduate programmes. With the support of experienced faculty and well-equipped modern laboratories, the department offers students a strong learning environment that promotes academic excellence, practical skills, and innovation.

Located in Coimbatore, known as the Textile Capital of India, our department benefits from close ties with the industry, giving students valuable exposure and hands-on experience that prepare them well for their careers. Our B.Tech. Textile Technology programme is accredited by the National Board of Accreditation (NBA), AICTE, New Delhi, reflecting our strong commitment to high standards in education.

It gives me immense pleasure to present TEXTILE NEWSLETTER – Volume-6 , Issue 1, a triannual publication that captures the spirit and achievements of our department for the period January to April 2025. This edition highlights a diverse array of academic and co-curricular engagements, including faculty accomplishments, student-led initiatives, research activities, alumni contributions, and various department-organized programmes and events.

This newsletter serves as a platform to connect with our stakeholders—academia, industry, alumni, and well-wishers—and to showcase our journey of progress and excellence in textile education.

I sincerely thank all the faculty members and students who contributed to this edition. I hope readers find this issue both informative and inspiring, as it reflects our department's goals, achievements, vision and mission, Programme Educational Objectives (PEOs), Programme Outcomes (POs), and Programme Specific Outcomes (PSOs).

Dr.M.Saravanan

Head & Assistant Professor III

Table of Contents

Workshops/FDP Attended	4
Faculty as resource person	5
Guest lecture organized	6
Programmes Organised	8
Collaborative Activities.....	10
Industry Linkage	11
Consultancy	12
Papers Published by Faculty	14
Papers Reviewed by Faculty.....	15
Industrial Tours Arranged for Students	18
Parents Meeting	19
Students' Participation	20
Alumni Interaction	22

Workshops/FDP Attended

S.No	Name of Faculty	Workshop / Seminar / Guest Lecture	Topic /Tittle	Total Number of Days
1	Ariharasudhan S	ATAL FDP	Statistics for Industrial Data Analysis	5
2	Ariharasudhan S	ATAL FDP	Latest Innovations in Medical and Healthcare Textiles	6
3	R.Sukanya Devi	ATAL FDP	Latest Innovations in Medical and Healthcare Textiles	6
4	N.Srikrishna	ATAL FDP	Latest Innovations in Medical and Healthcare Textiles	6
5	M Saravanan	ATAL FDP	Latest Innovations in Medical and Healthcare Textiles	6
6	N.Srikrishna	FDP	Functional and Sustainable Textiles: Future Trends and Innovations	5
7	Saminathan R	FDP	Functional and Sustainable Textiles: Future Trends and Innovations	5
8	Saminathan R	FDP	Processing of Polymers and Polymer Composites	56
9	S.Sundaresan	FDP	Functional and Sustainable Textiles: Future Trends and Innovations	5
10	M. Saravanan	FDP	Functional and Sustainable Textiles: Future Trends and Innovations	5
11	V Ramesh Babu	FDP	Functional and Sustainable Textiles: Future Trends and Innovations	5
12	P.Chandrasekaran	FDP	Training	30
13	S.Natarajan	FDP	Training	30
14	Dr V Ramesh Babu	Exhibition	Exhibition	1

Faculty as resource person

S.No.	Faculty Name	Type of Activity	Title of the Activity	Activity organised by	Date
1	Dr.V.Ramesh Babu	FDP	Delivered an insightful online lecture on Scope of Research in Technical Textiles as part of the 15-day Faculty Development and Seri-Entrepreneurial Training Program (FDSTP) on "Sustainable Practices in Sericulture and Surface Enhancement of Silk Fabric."	Department of Textiles & Apparel Designing, Faculty of Community Science, Assam Agricultural University, Jorhat, Assam.	21/01/2025
2	Dr.V.Ramesh Babu	Mentor	Texathon 3.0 , hackathon, Technical Textiles and Frontier Technologies for Textiles	AIC NIFTTEA, in collaboration with Startup TN.	18/3/2025

Guest lecture organized

S. No.	Topic of Guest Lecture	Name and Designation of the Expert	Name of the Industry / Institute	Date
1	International Guest Lecture on Advancements in Protective textiles	Dr. Mohanapriya Venkataraman, Assistant Professor	Technical University of Liberec, Czech Republic	06.01.2025
2	Technical Lecture Session on “Testing of Technical Textile Products”	Dr. Prakash Arun Khude	Assistant Professor and Head, Department of Textile Technology Shri Guru Gobind Singhji Institute of Engineering and Technology, Maharashtra, India	25/02/2025
3	Post spinning processes - Texturizing	Dr.Vikas Kumar Singh, Manager	Reliance Industries Limited, Vadodara unit.	26/02/2025
4	Apparel Accessories	Du.VELUMANI	Managing Director- C.A.Textile Lab- Erode	19.03.25
5	Thermal characterization of fibres and polymers	Dr.Vikas Kumar Singh	Reliance Industries Limited, Vadodara	19.03.2025
6	Latest Fabric Innovation using Birla Viscose Materials	Mr. S. Bharath Kannan	Zonal Head – South, General Manager- Sales & Marketing, Grasim Industries Limited, ADITYA BIRLA GROUP, Coimbatore.	21.03.2025
7	International Co-Teaching - Current trends in sustainability - Focus on automobile textiles	Dr Rajkishore Nayak, Associate Professor	RMIT University, HCMC, Vietnam	18.3.2025
8	Industry Lecture - Effluent Treatment Process	Mr Raman, Azhahiya Manavalan, Founder and CEO	VRNC Consultants, Tirupur	26.03.2025
9	Industry Lecture - Sustainability - Certification types, process and benefits	Deventhran.S, ETP Manager,	Jeyavishnu clothing limited,Tirupur	28.03.2025

10	Technical Lecture Session on “Testing of Technical Textile Products”	Dr. Prakash Arun Khude (Ph.D. IIT Delhi) Assistant Professor and Head, Department of Textile Technology	Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri Nanded, Maharashtra, India-431606 (Govt. Aided Autonomous Institute)	25.02.2025
11	Universal Human Values Lecture on “Understanding Harmony in the Family and Society”	Ms. Subhalakshmi Saravanakumar Lecturer, Faculty of Medicine	AIMST University, Malaysia	22.03.2025
12	Industry Co-Lecture Session on “Testing of Technical Textile Products”	Mr. P. Kaleeswaran Sr. Manager - Business Excellence & Lead - Merchandising & Costing	Zen Linen International Pvt Ltd Chittoor, Andhra Pradesh, India	24.03.2025



The Department of Textile Technology, Kumaraguru College of Technology, successfully organized a Value-Added Program on Business Data Analysis Using Excel and Power BI from 4th to 7th February 2025. The program was designed to equip students with essential data analytics skills relevant to the textile and fashion industry

Programmes Organised

S.No.	Type of program organised	Title of the program	Duration		Details of resource person
			From to	From to	
1	Seminar	KCT-TAI SEMINAR	07-01-2025	07-01-2025	Mr.Kanthimathinathan, CEO, Wincys consultancy& Mr.Sivaramakrishnan, Secretary, TAI-Textile Association of India, Mumbai
2	PROJECT REVIEW-1 BY INDUSTRY EXPERTS	Project Review-1 BY industry experts	08-01-2025	08-01-2025	MR.A.Subramani AM, FrescoNY Private limited Mr.Mohanraj SP ,Spinning Mill & Mr.Vishnu Vadivel , Start Up
3	Department Association Event	Department Association inauguration	21/01/2025	21/01/2025	Dr Karthik ND, RegionalMD,South Asia, Eurofins MTS
4	Referesher	Parents Teacher Meeting for Textile Students	01.02.2025	01.02.2025	NA
5	CONCLAVE	Industry Academia Conclave on Technology Integration and Futuristic Education of Textile and Fashion	03.03.2025	04.03.2025	Dr Sundaraman KS, CHAIRMAN, SIMA, Shri. Avinash Visar, Chairman-ITTA and 35 other dignitaries.
6	Industry Lecture	Latest Fabric Innovation using Birla Viscose Materials	21.03.2025	21.03.2025	Mr. S. Bharath Kannan Zonal Head – South, General Manager- Sales & Marketing, Grasim Industries Limited, ADITYA BIRLA GROUP, Coimbatore.
7	International interaction	Initial collaboration meeting with	18.3.25	18.3.25	Dr Parameswari Shunmugam, Lecturer,

		Premier Polytechnic Malaysia			Premier Polytechnic, Malaysia
8	International Lecture	Universal Human Values Lecture on “Understanding Harmony in the Family and Society”	22.03.2025	22.03.2025	Ms. Subhalakshmi Saravanakumar Lecturer, Faculty of Medicine, AIMST University, Malaysia
9	Hackathon	K-TEX Project Display Contest-2025	17.04.2025	17.04.2025	Dr.K.Sabaridharan, Principal Technical Instructor in National Institute of Design (NID), Bhopal, MP.



The Department of Textile Technology, in association with the Textile Association of India – South Indian Unit (TAI-SIU), organized a captivating professional society seminar on 7th January 2025. This insightful event featured esteemed experts Mr. A. Kanithimathinathan, Joint Secretary, TAI-SIU, and CEO of WINYSYS Consultancy, along with Mr. A. Sivaramakrishnan, Chartered Textile Engineer and BEE Accredited Energy Auditor.

Collaborative Activities

S. No. Date	Date	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity
1	05-02-2025	DC Meeting - Research	KSR College, Dept of Textile Technology, Tiruchengode	Dr.Sukumar,Professor,KSR, Mr.Gurunathan,Scholar	First DC meeting for course work



Dr. V. Ramesh Babu, Professor in the Department of Textile Technology, has secured a prestigious DST research grant under the Science and Heritage Research Initiative (SHRI) for his project titled “Reviving Heritage through Sustainable Innovation in Textiles.” Submitted through the Centre of Excellence for Sustainable Textile Heritage and Technology, the ₹49.95 lakh proposal was presented at IIT Delhi on 26th April 2025.

Industry Linkage

S. No.	Date	Nature of linkage	Name of the partnering institution/ industry /research lab with contact detail
1.	23/01/2025	Industry Conclave and Industry Consultancy	SHIVA TEXTYARN & BEST CORPORATION
2.	13/02/2025	Industry Consultancy	BEST CORPORATION
3.	23.04.25	Industry collaboration	TANCOIR / Sri Ram Fibers, Pollachi, Vignesh COirs, Pollachi and Cocobi Cluster, Pollachi
4.	25.04.2025	Industry collaboration	Vasa Nonwovens, Thekkalur, CBE
5.	25.04.2025	Industry collaboration	Motherland Textiles, karumathampatti, Coimbatore



The Departments of Textile Technology and Fashion Technology at KCT hosted a two-day Industry Conclave on Technology-Integrated Textiles and Fashion on March 3–4, 2025, marking the 30th anniversary of the Textile Technology Department. The event featured five technical sessions, two panel discussions, and five keynote addresses, with over 30 industry experts. It fostered dialogue on innovation, emerging technologies, and academia-industry collaboration. Four MoUs were signed with ITTA, TAI, TANCOIR, and OETI to strengthen industry-linked curriculum, research, and skill development. The conclave served as a dynamic platform for knowledge exchange and shaping the future of textiles and fashion education.

Consultancy

S.No.	Name of the facility used	Consulting / Sponsoring agency with contact details	Revenue generated (Rs.)
1	Needle Punching	Nivetha.M, MSc Textiles and apparel design, Bharathiar University, Coimbatore	1,888
2	Compression moulding machine	Lalith Kumar.P.S, Aeronautical Engineering, KCT	472
3	Moisture, GSM, Thickness and Flexural rigidity.	M/S Sheebamercy, Textile and Apparal Design,Bharathiar University, Coimbatore.	9,912
4	Universal Testing machine	R.Raffik, AP ,Mechatronics Engineering , KCT.	2,124
5	Tearing Strength Tester	Ramya.K, Ph.D Scholar, Textile and Apparel Design, Bharathiar university, Coimbatore	944
6	Air permeability, GSM	Ramya.K, Ph.D Scholar, Textile and Apparel Design, Bharathiar university, Coimbatore	944
7	Padding mangle & Dryer	Ms.M.Vijayalakshmi, II-MSc, Textile and Apparel Design, Bharathiar university, Coimbatore	2,832
8	Compression moulding machine	Surya Prasanth.R, B.Tech Textile Technology, KSRCT , Tiruchengode.	2,124
9	Needle Punching	N.Ramya, Research Scholar, Department of Costume design & Fashion , PSG College of Arts & Science, Coimbatore	2,832
10	UTM & Tearing Strength Tester	M/S Sheebamercy, Textile and Apparal Design,Bharathiar University, Coimbatore.	7,552
11	Padding and Drying	Ms.Afeefa.N.A, 2nd Year MSc Textile & Costume Science,Vimala College, Thrissur.	708
12	Composite Board making, UTM, Impact strength tester	Ms.Bismi Muhammed, 2nd Year MSc Textile & Costume Science,Vimala College, Thrissur.	1,652
13	UTM, Tearing strength tester	Ms.Aleena.M.B, 2nd Year MSc Textile & Costume Science,Vimala College, Thrissur.	590
14	Composite Board making, Impact strength tester	Abinaya.M, II.M.Sc Fation and Apparel Design, PSGR Krishnammal College for womens, Coimbatore.	1,180
15	Composite Board making, Impact strength tester	Dharanya.S, II.M.Sc Fation and Apparel Design, PSGR Krishnammal College for womens, Coimbatore.	1,180
16	Air Permeability Tester	AL.Uvareka, II.M.Sc Fation and Apparel Design, PSGR Krishnammal College for womens, Coimbatore.	590

17	Padding and Drying	Poornimadevi.R, IInd Year MSc Textile & Fashion Appara, Avinashilingam Institute, Coimbatore	708
18	UTM, Tearing strength tester	S.Thirisha, B.Tech Textile Technology, PSG College of Technology,Coimbatore.	590
19	UTM, Impact strength tester	Tharunkumar.J.S, BE Final Year, Automobile Engg, KCT.	708
20	Composite Board making, UTM, Impact strength tester	Abhiram.S.J, BE Mechanical Engg, AWH Engineering College, Kozhikode.	3,304
21	Composite Board making, UTM, Impact strength tester	Shreehari.S, BE Mechanical Engg, AWH Engineering College, Kozhikode.	3,304
22	UTM	Harshini.J, IV Year B.Tech, Biotechnology, KCT	354
23	UTM , Padding & Dryer	P.Deepika, II MSc Textile and Fation Appara,Avinashilingam Institute. Coimbatore	1,062
24	UTM	Hamsapriya.P.R, II MSc Bio Textiles, Avinashilingam Institute, Coimbatore	708
25	UTM	M.S.Sri Rakshana, II M.Tech Biotechnology, KCT	354
26	UTM	Bavithra.D, II MSc Textile and Fation Appara,Avinashilingam Institute. Coimbatore	1,062
27	Padding & Dryer	Poornimadevi.R, II MSc Textile and Fation Appara, Avinashilingam Institute. Coimbatore	1,416
28	UTM	Chawla.M, II MSc Textile and Fation Appara, Avinashilingam Institute. Coimbatore	2,124
29	UTM & Impact Strength Tester	A.V.Senthur, BE Mechanical final year, KCT	590
30	Air Permeability, Bursting strength, Abrasion, GSM & Thickness	M.Sasmita Fatima, II MSc Costume Design and Fation ,PSG College of Arts and Science, Coimbatore.	2,596

Papers Published by Faculty

Non-Scopus

Sl. No	Faculty Name	Month	Year	Title of paper	Publisher Details
1	S Sundaresan	Feb	2025	Analysis of SIRO spun compact yarn made from 100% bamboo fibre	International journal of advance research and innovative ideas in education
2	AriharasudhanS	March	2025	A Thambidurai , S Ariharasudhan and S Sundaresan. Thermal Bonding of Nonwovens. Trends Textile Eng Fashion Technol. 10(4). TTEFT. 000743. 2025. DOI: 10.31031/TTEFT.2025.10.000743	Crimson Publishers
3	M Saravanan	March	2025	Development of Industrial Apron Using Technical Textile Fabrics, International Journal Of Advance Research And Innovative Ideas In Education, Vol. 11, Iss. 2, 2025	IJARIE
4	Ariharasudhan S	APRIL	2025	Development of Thermal Protection Sacks in Extreme Winter Conditions, Vol-11 Issue-2 2025 IJARIE-ISSN(O)-2395-4396	IJARIE

Scopus

Sl. No.	Faculty Name	Month	Year	Title of paper
1.	Ariharasudhan S	March	2025	P. Dhanusya, K. M. Pachiyappan and S. Ariharasudhan "Study on the effect of plasma treatment on moisture control properties in cotton-polyester blended knitted fabrics" Man Made Textiles in India, Volume LIII, March 2025.
2.	Ariharasudhan S	APRIL	2025	Santhanam, S., Subramanian, A. Sustainable Polymer Acoustic Composites from Waste Cotton, Coffee Husk, and Sawdust for Functional Applications. Fibers Polym (2025).

Papers Reviewed by Faculty

Sl. No	Faculty Name	Title of paper	Name of Journal
1	S Sundaresan	The Photostabilizing capacity of collagen peptide and its performance on the properties of white-synton-vegetable tanned leather (Article Id: IJNPR#842)	Indian Journal of Natural Products and Resources (IJNPR)
2	S Sundaresan	Effect of electrolytic water immersion on degumming and fiber properties of industrial hemp by enzymatic process	Textile Research Journal
3	Saminathann R	Transition Algorithm and Software for Optimizing Yarn Count and Colour Distribution to Generate Knitting Code from Image	Journal of the Textile Institute
4	Saminathann R	The Influence of Silk Fabric Weave on the Color Presentation of Single-Sided and Double-Sided Digital Printing	Textile Research Journal
5	Saminathann R	Effect of physical properties of fabric under dry-cold stimulation on wetness illusion	Textile Research Journal
6	Saminathann R	The Influence of Silk Fabric Thickness and Structure on Color Presentation of Double-Sided Heterochromatic Digital Printing	Textile Research Journal
7	Dr V Ramesh Babu	Establishment and Application of Online Risk Assessment Model for Cords and Drawstrings of Children's Clothing,	Autex Research Journal
8	M Saravanan	Hydrophobic modification of TPU films for use in storm-resistant fabrics	AATCC Journal of Research
9	M Saravanan	Performance Properties of Cotton/Cashmere Elastane and Cotton/Soybean Elastane Woven Denim Fabrics	Journal of Natural Fibers
10	S Sundaresan	Yarn Quality Analysis by using Computer Vision and Deep Learning Techniques	Textile Research Journal
11	Saminathan R	Effect of physical properties of fabric under dry-cold stimulation on wetness illusion	Textile Research Journal
12	M Saravanan	Hydrophobic modification of TPU films for use in storm-resistant fabrics	AATCC Journal of Research
13	S Sundaresan	CP-YOLOv8s algorithm for tiny and extreme-type fabric defects detection.	Textile Research Journal
14	AriharasudhanS	The nanofibers surface modification for filtration of fine particles; A Review study	Journal of Industrial Textiles

15	Ariharasudhan S	Eco-friendly nano-curcumin loaded on different polymers: properties and applications as a consolidation and antimicrobial agent for archaeological cotton textiles	Discover Applied Sciences
16	Saminathan R	Evaluation of Seacell & Cotton fiber blended knitted fabrics	Tekstilec
17	Saminathan R	Structure and Properties of Natural Cellulose Fibers Extracted from Bamboo Leaf Sheaths	Journal of the Textile institute
18	Ramesh Babu V	A Study on Thermal Comfort Properties in Knit Fabrics Made from Cattail and Cotton Blends, for HEMIJSKA INDUSTRIJA (Chemical Industry).	HEMIJSKA INDUSTRIJA (Chemical Industry).
19	Ariharasudhan S	Sustainable Acoustic and Thermal Insulation Using Needle- Punched Nonwovens from Pigeon Pea/ Cotton/ Jute and Polypropylene Fibers	Journal of Industrial Textiles
20	Saminathan R	Optimizing natural dye extraction from Bridelia micrantha stem bark for vegetable-tanned leather using statistical modeling	Fibers and Polymers
21	Saminathan R	Bicomponent split microfiber textile technology for hygienically clean conditions in hospitals - economic assessment of annual costs of infection control reusable versus disposable microfiber flat mops and wipers	Journal of the Textile Institute
22	Ramesh Babu V	The Role of Standardized Technical Packages in Ensuring Consistency and Accuracy in Apparel Product Development	AUTEX
23	Ramesh Babu V	Examining the Impact of Stitch Density, Thread Size, and Direction on the Seam Strength of Cow Upper Leather	Coloration Technology



Dr. V. Ramesh Babu, Professor of Textile Technology, received the prestigious TNECFWA Faculty Award in the Administration Category on March 1, 2025, at MIT, Anna University, Chennai

Industrial Tours Arranged for Students

S.No	Name and address of the industry	Date
1	CoE Indutech, Coimbatore	12.03.2025
2	Kasturi Sreenivasan art gallery and Textile Mueseum, TANCOIR	16.04.2025



TME 2025, Mumbai visit along with Textile Technology Students of Kumaraguru College of Technology, Coimbatore on 21 to 23 February 2025

Parents Meeting



Department of Textile Technology organized parents meeting on 1st February 2025 at Textile Dept Conference Hall

Students' Participation



TEXATHON 3.0, an annual hackathon organized by AIC-NIFTTEA Incubation Centre for Textiles & Apparels, in partnership with Startup-TN on March 18-19 at AIC-NIFTTEA, Tirupur. Five batches of students participated in this 2-day hackathon and presented their ideas



The Department of Textile Technology at Kumaraguru College of Technology organized the Textile Department Association (TDA) Investiture Ceremony on 21st January 2025. The event was graced by the esteemed Chief Guest, Dr. Karthik N.D., Regional Managing Director, South Asia

Alumni Interaction



The Department of Textile Technology, joyfully celebrated the 10-year reunion of the Batch of 2010-2014 on January 4, 2025

B.Tech (Textile Technology)

PROGRAMME EDUCATIONAL OBJECTIVES (PEO'S)

PEO:1 Hold leadership responsibilities in Textile and related segments such as product development, production, technical services, quality assurance, and marketing.

PEO:2 Become a successful entrepreneur in Textile and related fields and contribute to societal, technological, and industry development.

PEO:3 Partake professional qualifications/ certifications in Textile Technology related areas by pursuing specialised studies in engineering and business.

PROGRAMME SPECIFIC OUTCOMES (PEO'S)

Engineering Graduates will be able to:

PSO1: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation for Process Optimisation, Cost and Value analysis, Productivity improvement, Solutions to quality issues, and Product development in textile and related fields.

PSO2: Demonstrate learned techniques, experiments, modern engineering tools, and software to estimate the optimum utilisation resources such as raw materials, machinery, manpower and to predict the properties of fibre, yarn, fabric, and garments as per the end uses

Editors**Prof. A.Pavendhan****Associate Dean Textile Cluster****Dr. M.Saravanan****Assistant Professor III & Head, Textile Technology****Dr. S.Natarajan****Assistant Professor II, Textile Technology****Kanishkar S****Dhanyasuki S****IIInd Year Textile Technology****Publisher****Department of Textile Technology****Kumaraguru College of Technology,****Coimbatore-641049**