

D.K.T.E. SOCIETY'S

TEXTILE & ENGINEERING INSTITUTE

ICHALKARANJI

Department of Textiles

Textimes
2025



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Institute Corner

Programmes Organised



◆ Textvision & Fashionova 2K25

Our institute successfully organized "Textvision & Fashionova 2025", a National Level Student Symposium, on Monday, February 10, 2025. This event provided a platform for students to showcase their creativity, technical expertise, and innovative thinking in the field of fashion and textiles. One of the key highlights of the event was the Design Collection & Presentation competition. In this event, students were required to design and create costumes based on a given theme and present them on live models.

This year's theme, "Smart Convertible Garments," encouraged participants to develop versatile clothing solutions that blend creativity, functionality, and sustainability. The competition was assessed by an esteemed panel of judges with vast industry expertise. Mrs. Priyanka Magdum, I/C. of the Product Development Department at Indocount Industries Ltd. Kagal, and Mr. Swapnil Late, Founder of Joe and Lassie, premier jeans wear brand, evaluated the participants' work based on creativity, execution, and practicality. Their valuable insights and expertise ensured a fair assessment of the students' efforts.



◆ International Event by TAIMU Student Chapter

DKTE'S Textile and Engineering Institute, Textile Association India Ichalkaranji Miraj Unit and TAIMU Student's Chapter jointly organized the Mega International event "TEXTVISION AND FASHIONOVA 2K25" on 10th Feb 2025. There were four sub-events namely Paper Presentation, Startex 6.0, Design Collection and Presentation, and Eye on Pick Glass. Around 200 Students from various colleges across the country have been participated in the event. Theme of the event was "Smart Textile Revolution: Materials, Machines and Methods Redefined"

The Chief Guest for this grand event was Managing Director ITAMA Hon'ble Mr. N.D.Mhatre, proud alumni of our institute, and HR of Sagar Manufacturing Pvt. Ltd. Anjan Priyadarshan, Director, Prof.Dr.L.S. Admuthe gave welcome speech. President of TAIMU, Mr.R.Sampath briefed the activities of TAIMU. Chief Guest, Managing Director ITAMA Hon'ble Mr. N.D.Mhatre guided students saying that take this is an opportunity to complete your vision. President TAIMU student chapter, Mr. Pratham Sarada gave information about the Textvision and Fashionova event. At the end, Student Chapter Coordinator, Prof R.H.Deshpande expressed vote of thanks. At this programme, Dy. Director Prof. Dr. U. J. Patil, Secretary TAIMU, Prof.Dr.S.S.Lavate, all the course coordinators of various depts, faculty and students were present. The programme was coordinated by Course coordinator Fashion Technology, Prof.Dr.V.K.Dhange and Student Chapter Coordinator, Prof.R.H.Deshpande.

Programmes Organised



◆ Skill Week Program

D.K.T.E. Society's Textile & Engineering Institute conducted a comprehensive "Skill Week" program, from 23rd June to 5th July. A two-week immersive event designed to equip students with future-ready skills in Textile Wet Processing and Robotics & Automation. This initiative aimed to bridge the gap between academic learning and industrial demands by providing hands-on training in contemporary and essential areas of expertise.

The program's first week focused on Textile Wet Processing, engaging participants in practical sessions on sustainable scouring, natural dyeing, various printing methods like Tie & Dye, Transfer & Pearl Printing, and denim value addition. It also incorporated green chemistry-based nano silver finishing for functional fabrics. The subsequent week shifted to Robotics & Automation, building foundational knowledge in industrial automation, including fluid power systems, pneumatic & hydraulic circuits, sensor-based automation, and PLC-SCADA programming.

To provide real-world exposure, students visited the IPMC Process House and the Centre of Excellence in Nonwovens for live demonstrations of advanced textile processes. The entire Skill Week was coordinated by Dr. S. M. Landage and Dr. Y. M. Indi, under the leadership of Director Prof. (Dr.) L. S. Admuthé and Head of Textile Department Prof. (Dr.) U. J. Patil, with support from various departmental experts.



◆ Startup Katta Week

The Department of Textiles at D.K.T.E. Society's Textile and Engineering Institute launched 'Startup Katta Week' on 27th January 2025 with the EDP session "Coffee with Texpreneurs." Dr. Sapna Awade, Hon. Secretary, Dr. L. S. Admuthé, Director and Chief Guest Mr. Pravin Kayande (MCED) inspired students with insights on innovation, entrepreneurship, and government schemes.

Alumni Mr. Ankush Kamble (Innov.Tex) and Mr. Sandeep Sagavkar shared experiences on industry challenges and sustainability. Interactive activities led by Mr. Darshan Kathod and Miss Mandavi Dubey energized the session. Guided by Prof. Dr. U. J. Patil, Dy. Director and Prof. Dr. Manjunath Burji, the event encouraged students to embrace entrepreneurship and

Programmes Organised

Workshop



♦ Two-Day Workshop "Global Trends and Best Practices in Apparel Manufacturing"

DKTE's Textile and Engineering Institute, Ichalkaranji successfully conducted a Two-Day Workshop on "Global Trends and Best Practices in Apparel Manufacturing" for Final Year B. Tech Fashion Technology students on April 19-20, 2025. The workshop commenced with an Inaugural session featuring distinguished industry leaders Shri Nithin Kumar, VP of Jockey India as the Chief Guest, alongside Shri Rohith, Brand Head of The Bear House. Prof. (Dr.) V. K. Dhange, the Program Coordinator for Fashion Technology, Prof. S. B. Akiwate, the Training and Placement Officer, and Prof. P. M. Yadav also attended the workshop. The workshop featured lectures from distinguished industry experts on a variety of topics like AI in Fashion, Retail planning, Merchandising, Fabric Sourcing, etc. The event concluded with the distribution of certificates to the students.

♦ One-Week Skill Enhancement Workshop

First-Year B. Tech Textile students just wrapped up a dynamic One-Week Skill Enhancement Workshop packed with hands-on sessions to boost their academic and professional journey. Workshop Highlights: AI Tools in Education – From ChatGPT to video creation, students explored the power of digital storytelling with Mr. Roshan Singh (Scroll well Edu tech LLP). Technical Content Writing – With Mr. Piyush Kulkarni, they sharpened their ability to write with clarity and confidence. Public Speaking & Group Communication – Led by Mr. Vinay Gosavi and Dr. LeeAna Sane, students gained stage confidence and voice control.



♦ Interaction Session on "Career Path of German Textile Engineer"

Department of Textiles and Career Guidance Cell jointly organized an interaction-session on "Career Path of German Textile Engineer" for Second Year B. Tech (All Textile) on January 21, 2025. Prof. Dr. L.S. Admuthe, Director welcomed Miss Emma Dwinger from HoF University, Germany and Mr. Yash Jagwani, a distinguished alumnus of DKTE's Textile program. During the productive discussions, Prof. Dr. L.S. Admuthe, Director and Prof. Dr. U J Patil, Dy. Director and HOD Textiles, with the esteemed guests explored potential collaborative activities that could further enrich academic endeavors. Mr. R. L. Gotipamul introduced the speakers before the start of interactive session. During an interaction session, Miss Emma Dwinger guided the students about MS programs in Textiles and facilities available at HoF University, Germany. Guests have visited DKTE campus, infrastructure, labs and workshops, etc. Overall, it was very successful interaction session. This program was coordinated by Dr. P. B. Malakane, Career Guidance Cell, Incharge and Prof R. L. Gotipamul, Career Guidance Cell coordinator of Textile Programs.



Programmes Organised

Seminar



◆ Seminar on Advanced Needles & Sinkers Technology

DKTE's Department of Textiles organized an insightful seminar on Advanced Needles & Sinkers Technology by Groz-Beckert India Pvt. Ltd. for Third Year B.Tech. Students of Textile Technology, Man-Made Textile Technology & Textile Plant Engineering. Experts Mr. Rajendran Ramlingam and Mr. Omesh Singh Manhas shared global innovations in Circular Welt Knitting Technology, emphasizing improved fabric quality and machine performance. The session was inaugurated by Prof. Dr. U. J. Patil, Dy. Director, and well-coordinated by Prof. A. U. Awasare, under the guidance of Prof. Dr. L. S. Admuthe, Director. Students gained valuable industry exposure, reinforcing DKTE's commitment to innovation-driven learning!

◆ Guest Lecture on RFID application in Garment Construction

We are delighted to share that Mr. Akash Vitekari, Industrial Engineering Manager from Ken Global, delivered an insightful guest lecture on RFID application in Garment Construction at our college at the Textile Physics Seminar Hall. Third-year Fashion Technology students gained valuable knowledge on how RFID technology is revolutionizing the garment industry. A big thank you to Mr. Vitekari for sharing his expertise with us.



◆ Seminar on Textile E-Commerce: A New Horizon

The Department of Textiles, in association with the Institution's Innovation Council (IIC), successfully hosted an insightful seminar on "Textile E-Commerce: A New Horizon" on 11 March 2025, at the IQAC Room. Speaker: Mr. Sunil Ghalasani, Business Developer at Homespun Global LLC, New York (USA), shared expert insights on the evolving landscape of textile e-commerce and its impact on the industry. The event was graced by Prof. Dr. U. J. Patil (HoD & Dy. Director), who emphasized the significance of the seminar. As a token of appreciation, Prof. Dr. S. M. Landge (IIC Member) presented Mr. Ghalasani with a memento. A special thanks to Prof. A. U. Awasare for coordinating the event and delivering the vote of thanks. The session provided an excellent learning experience, fostering discussions on innovation, digital transformation, and emerging opportunities in the textile e-commerce sector.



Programmes Organised

Seminar



◆ Guest Lecture on Trends in Processing of Viscose & Its Blends

On April 1, 2025, the Department of Textiles proudly hosted a guest lecture on "Trends in Processing of Viscose & Its Blends", delivered by Mr. Rajesh Relekar, Assistant Vice President – Marketing at Grasim Industries Ltd., with insights from Mr. Ganesh Palwade, Assistant Manager – Cellulosic Fibres. Over 50 B. Tech Textile Chemistry students engaged in discussions on wet processing, dyeing, printing, and the role of viscose in a sustainable textile future. This program organized by Prof. R. H. Deshpande and Prof. R. S. Joshi, with strategic guidance from Director, Prof. (Dr.) L.S. Admuthe and Dy. Director, Prof. (Dr.) U. J. Patil, this session showcased the value of academic-industry synergy.



◆ Seminar on Innovations in Nonwoven

The Department of Textiles organized a guest lecture on "Innovations in Nonwoven" for Final Year B. Tech. (Textile) students. The lecture was delivered by Mr. Anaveer Telsang, Assistant Vice President of Welspun Living Limited, Mumbai, India, an alumnus of the Textile Technology class of 1999 and having more than 25 years of experience in Technical Sales, Business Development and Strategic Initiatives in Nonwovens & other Technical Textiles, Home Textiles etc. Mr. Telsang guided students on various nonwoven fabric manufacturing technologies and their applications. He also highlighted innovations on woven manufacturing technologies and its application in technical textiles. Around 50 students attended the session. The event was coordinated by Dr. U.P. Mhasavekar and Mr. Mandar S. Kulkarni, IIC Co-ordinator under the guidance of Director Prof. Dr. L. S. Admuthe & Prof. (Dr.) U.J. Patil, Deputy Director, and Head of the Department of Textiles.

Parents Meet

◆ Parents Meet for First-Year B.Tech. Students

The Department of Textiles successfully hosted a Parents Meet for First-Year B.Tech. students (All Branches). The event witnessed the participation of more than 100 parents and featured an insightful session on "Opportunities for Higher Studies" delivered by Prof. Dr. P. B. Malkane, Career Guidance Cell In-charge, through a detailed PowerPoint presentation. Parents also shared their valuable feedback on various institute activities.



Visits to Industry



♦ Faculty and Students Industry Visit to Italy

DKTE Faculty and Students Participate in Prestigious Industrial and Innovation Visits in Italy - The Technology Awards Programme – Italy 2025, held from 2nd to 6th June and organized by the Italian Trade Agency (ITA) with support from ACIMIT (Association of Italian Textile Machinery Manufacturers), marked a proud milestone for DKTE Textile and Engineering Institute, Ichalkaranji. As part of this prestigious event, faculty members Dr. Prakash Malakane and Dr. Atul Dhavale, along with award-winning students Kamakshi Sundharam, Bhagyashri Khade, Shubham Hulle, and Gaurav Marda, represented DKTE in an exclusive visit to Italy's leading textile machinery manufacturers on 4th and 5th June 2025. This immersive experience offered valuable insights into Italy's excellence in textile machinery and sustainable manufacturing practices, while fostering global collaboration in innovation and education.

DKTE expresses sincere appreciation to Ms. Abhi Malik (ITA, New Delhi), Mr. Giorgio Calcutti, and Ms. Alice Vago (ACIMIT) for their instrumental coordination and support in making this international exposure program a success. These Student's projects were guided by Prof. Dr. S. N. Jawale, Prof. Dr. M. C. Burji, Prof. Dr. P. M. Katkar, Prof. Dr. A. A. Raybagi. This journey was made possible through the vision, encouragement, and unwavering support of Prof. (Dr.) S. U. Awade (Hon. Secretary, DKTE Society), Prof. (Dr.) L. S. Admuthe (Director), and Prof. (Dr.) U. J. Patil (Dy. Director & Head of Department – Textile), whose leadership continues to inspire excellence and global engagement.



♦ Students Visit at RIETER

Students from the TY MMTT and TPE programs at Textile and Engineering Institute visited the RIETER machine manufacturing unit, gaining firsthand experience in the textile machinery industry. The visit took place on 24/09/2024 and included an engaging interaction with alumnus Mr. Avinash Mhasake, who currently works at RIETER. The group toured the state-of-the-art facility, where they observed the advanced manufacturing processes that RIETER employs to produce high-quality textile machinery. The students were particularly impressed by the integration of automation and cutting-edge technologies at RIETER.

During the visit, Mr. Mhasake shared his professional journey, discussing the skills and knowledge he gained during his studies and how they have contributed to his success at Rieter. He emphasized the importance of hands-on experience and encouraged students to pursue internships and practical training opportunities in the field.

♦ TC Students Industry Visits

B. Tech. Third Year Textile Chemistry students were on Industrial Tour from 26th September 2024 to 30th September 2024 as a part of curriculum in order to acquire practical knowledge of textile processing and manufacturing. They visited the following organizations:

- Raymond Ltd, Pardi, Vapi
- Kewal Kiran Clothing Ltd., Vapi
- Saria Performance Fibres Ltd, Vapi
- Indo count Home Textiles Factory, Bhilad
- Kusumgar Corporates Pvt Ltd, Vapi

Participation In Exhibitions



◆ Bharat Tex 2025, New Delhi

Bharat Tex 2025: A Grand Celebration of India's Textile Heritage and Innovation Bharat Tex 2025 was a landmark exhibition that showcased India's rich textile heritage while also highlighting groundbreaking innovations, reinforcing the nation's status as a global leader in the textile industry. Held from February 14th to 17th at Bharat Mandapam, New Delhi, the event brought together industry leaders, entrepreneurs, academicians, and textile enthusiasts from across the globe. One of the standout attractions at Bharat Tex 2025 was the Ichalkaranji Pavilion, presented by the Ichalkaranji Shuttleless Fabric Manufacturing Association (ISFMA). This pavilion exemplified Ichalkaranji's expertise in textile manufacturing, showcasing its technological advancements, skill and high-quality fabrics.

The pavilion witnessed a moment of great honour with the visit of Hon'ble Minister of Industry and Commerce, Shri Piyush Goyal, and Hon'ble Minister of Textiles, Shri Giriraj Singh. They were warmly received by Mr. Anil Goyal, President of ISFMA, and Mr. Dhaval Desai, Vice President of ISFMA and DKTE Alumni President, who guided them through the pavilion, highlighting the region's cutting-edge innovations and textile excellence. A historic milestone was reached when Hon'ble Prime Minister Shri Narendra Modi visited the Ichalkaranji Pavilion. His keen interest in the region's high-quality textiles, technological advancements, and expertise reaffirmed Ichalkaranji's role as a driving force in India's textile revolution.

Leading the DKTE delegation were Prof. (Dr.) U. J. Patil, Prof. (Dr.) S.B. Vhanbatte, Dr. S.M. Landage, and Mr. R. N. Purohit. Their role was instrumental in showcasing the institute's expertise, particularly in the field of textiles and advanced research. The DKTE booth attracted eminent personalities, industry leaders, alumni, and students, creating valuable opportunities for networking, collaboration, and exchange of ideas. Visitors explored innovative research projects, cutting-edge textile trends, and gained deeper insights into DKTE's pivotal role in education, research, and industry advancements.



Participation In Exhibitions



◆ Knit Zone Expo 2024 at Tirupur, Tamilnadu

DKTE has participated as Exhibitor In Knit Zone Expo 2024 at Tirupur, Tamil Nadu from June 14,15,16. This was India's largest exhibition on Garment machinery, fashion accessories, fabric, process, and allied services. There were 250 stalls, and +3000 visitors visited the show. Inquiries regarding DKTE activities and admissions were addressed through the DKTE stall. Deputed two faculties from DKTE, Prof. Rajanna L Gotipamul & Prof. Ramchandra Sawant were present in this show for the stall arrangement.

Knit Zone was a 3 day event showcasing latest machineries of 3D printing and other developments at the Velan Hotel Fair Ground in Tirupur. Many inquiries have received about the admissions for all branches of Textile and Engineering courses of DKTE. The inquiries asked for the fees, placements, scholarships etc. and +150 participants visited DKTE stall were mainly from the industries & academics.



◆ Tailors Expo 2024, Sangli

The Tailors Welfare Association, Maharashtra State organized "Tailors Expo 2024" exhibition. DKTE's Textile and Engineering Institute participated in this exhibition at stall no. A24. Prof. P. S. Kulkarni, Prof. A. V. Jadhav and Prof. S. P. Ghunake represented the institute at the event. The institute stall was visited by visitors from Sangli, Kolhapur, Satara and Solapur districts. The visitors showed keen interest in various programs offered by the institute and the stall experienced the overwhelming response.

Institute Visit



♦ Visit of Hon'ble Textile Minister, GOI, Shri Giriraj Singh and Hon'ble Minister of Textiles, Maharashtra, Shri Sanjay Savakare

Hon'ble Textile Minister, GOI Shri Giriraj Singh and Minister of Textile, Maharashtra Sanjay Savakare Visited to DKTE - Hon'ble Shri Giriraj Singh, Minister of Textiles, Government of India, and Hon'ble Shri Sanjay Savakare, Minister of Textiles, Maharashtra, visited the Institute today 28th April 2025. They were graciously welcomed by Shri Awade Dada, whose monumental contributions to education and the textile industry were celebrated during the visit.

The distinguished guests toured the institute's cutting-edge departments, witnessing ongoing academic and research initiatives. During the round to institute, Honourable Minister, Giriraj Singh expressed their appreciation for the innovative projects displayed by the Third year and Final-year B. Tech Textile students. These projects, which showcased the students' creativity and technical expertise, left a lasting impression on the distinguished guests. Honourable minister praised the quality of the students' work and also guided and inspired them to push the boundaries of innovation in the textile and engineering fields. The Ministers encouraged the students to continue pursuing excellence, emphasizing the critical role of innovation in shaping the future of India's textile industry.

Hon'ble Shri Giriraj Singh appreciated the institute's state-of-the-art infrastructure, sophisticated laboratories, and its unwavering commitment to innovation in the fields of textile and engineering. "The quality of education and research here is truly exemplary," he remarked, underscoring the institute's pivotal role in shaping the future of the industry. Hon. Textile Minister Shri Giriraj Singh humbly took blessings of Chairman of DKTE, Shri Awade Dada, honoring his immense contribution to education and industry. In his address, Shri Giriraj Singh also proudly proclaimed, "Ichalkaranji – Textile ka Aan, Baan aur Shaan hai" highlighting the town's stature as a global textile powerhouse. He praised institutions like DKTE for their significant contribution to advancing India's textile industry at International Level. The Former Textile Minister, Shri Prakash (Anna) Awade shared the institute history and its contribution for Textile Industry developments. Further he stated that, DKTE alumni are making their mark across the globe. A shining example is Mr. Sanjay Kurkute, one of our proud alumni, who holds 16 International patents to his name. The visit also facilitated a productive dialogue on enhancing industry academia collaboration. At this time M. P. Shri Dhairashil Mane, MLA, Dr. Rahul Awade, Prant Officer, Mrs. Mosami Chougule, Hon. Secretary Dr. Sapana Awade, Executive Director, Mr. Ravi Awade, Director, Prof. Dr. L. S. Admuthu, Industrialist, faculty members & students were present during the visit.

Institute Visit



♦ Visit of Hon'ble Sanjay Savkare Minister of Textiles, Maharashtra,

Hon'ble Sanjay Savkare, Maharashtra State Textile Minister, recently visited DKTE Society's Textile & Engineering Institute, Ichalkaranji.

He was warmly received by Hon. Chairman Shri Kallappa Anna Awade (Dada), in the esteemed presence of former Minister Shri Prakash (Anna) Awade, former Mayor Smt. Kishorital Awade, Chairman of Kallappa Anna Awade Janata Cooperative Bank Shri Swapnil Awade, Executive Director Shri Ravi Awade, Treasurer Shri P. D. Dattawade, Trustees Shri Sunil Patil, Shri S. D. Patil, Shri Prakash More, Director Prof. Dr. L. S. Admuthe, Dy. Director Prof. Dr. U. J. Patil, and Shri Aditya Awade. During the visit, Shri Prakash (Anna) Awade shared DKTE's journey of academic excellence and research advancement with the Minister.



♦ Visit of Hon'ble Rajiv Saxena, Joint Secretary, Ministry of Textiles

Shri. Rajiv Saxena, Hon'ble Joint Secretary, Ministry of Textiles, Govt. of India along with a delegation from office of the Textile commissioner, GoI comprised of Shri Satish Kumar Singh, Director, Shri. Yogesh Pawar, Technical officer visited DKTE on 14th September 2024. The Hon'ble Vice Chairman of DKTE Shri. Prakash Awade, MLA, welcomed Shri. Rajiv Saxena and his delegation. Hon'ble Shri. Prakash Awade briefed the delegates about various developments that are taking place in the Ichalkaranji Textile Cluster. During the visit, Shri. Rajiv Saxena visited DKTE's Centre of Excellence in Nonwovens, Ichalkaranji Powerloom Mega Cluster and subsequently various facilities of Textile & Engineering Institute. Shri. Rajiv Saxena appreciated the role played by the DKTE for the remarkable growth of Ichalkaranji Textile Cluster. The delegation has also visited some of the technical textile manufacturing units present in and around Ichalkaranji. During the visit of the delegation to the DKTE, Shri. Rajiv Saxena interacted with the textile faculty members and briefed about the various initiatives taken by the Govt. of India for rapid growth of the technical textile industry in India. Honorary Secretary Prof. (Dr.) S. U. Awade, Trustee of the DKTE Society Shri. Ravi Awade, Director of the Institute, Prof. (Dr.) L. S. Admuthe, Dy. Director of the Institute Prof. (Dr.) U. J. Patil, Dean R&D, Prof. (Dr.) S. B. Vhanbatte and faculty members of the textile department were present during the visit of the delegation to the DKTE.

Faculty Corner Achievements

Faculty Development Courses- NPTEL

Sr. No.	Faculty Name	NPTEL Course Title
1	Mr. R. N. Purohit	Basics of Pattern Making and Sewing
2	Mr. M. S. Kulkarni	Textiles and Quality Analysis
3	Mr. R. L. Gotipamul	Textiles and Quality Analysis
4	Mr. R. H. Deshpande	Textiles and Quality Analysis
5	Mrs. S. V. Chavan	Textiles and Quality Analysis
6	Dr. S. M. Landage	E-content Development
7	Mr. R. S. Patil	Design Thinking and Innovation
8	Dr. V. K. Dhange	Setting up a Business Entity: A Guide for Indian Entrepreneurs
9	Dr. A. A. Raybagi	E-content Development
10	Dr. P. M. Katkar	E-content Development
11	Dr. J. A. Alase	E-content Development
12	Mr. D. A. Mhamane	Design Thinking and Innovation
13	Mr. V. C. Sakhare	Research Methodology
14	Mr. S. S. Aparaj	Technical Textiles
15	Mr. S. P. Ghunake	Retail Marketing Strategy
16	Dr. P. B. Malakane	Principles of Combing, Roving Preparation and Ring Spinning
17	Mr. A. A. Hulle	Introduction to Composites
18	Dr. R. N. Norkhedkar	Yarn Manufacture I: Principle of Opening, Carding and Drawing
19	Dr. S. S. Lavate	Technical Textiles
20	Mr. S. R. Ghaydar	Fundamentals of Cost Accounting
21	Dr. S. M. Landage	Accreditation and Outcome Based Learning
22	Dr. S. B. Mhetre	Textiles and Quality Analysis
23	Mrs. M. B. Bhopale	E-content Development
24	Mr. V. B. Chougule	Textiles and Quality Analysis
25	Mr. R. L. Gotipamul	Testing of Functional and Technical Textiles
26	Mr. V. B. Chougule	Testing of Functional and Technical Textiles
27	Mr. A. A. Hulle	Textured Yarn Technology
28	Dr. M. C. Burji	Setting up a Business Entity: A Guide for Indian Entrepreneurs
29	Mr. P. M. Yadav	Basics of Pattern Making and Sewing
30	Mr. S. V. Kamble	Research Methodology
31	Mr. S. V. Kamble	Data Mining
32	Mrs. M. B. Bhopale	Linear Algebra

Faculty Special Achievements



◆ Dr. Mrs. Jakiya Asif Alase

Prof. Mrs. Jakiya Asif Alase, faculty of the Textile Department, has been awarded a Ph.D. in Electronics Engineering from Shivaji University, Kolhapur, under the guidance of Prof. Dr. Shrinivas A. Patil. Her research, "A Novel Approach Towards Objective Evaluation of Fabric Wrinkles Using Artificial Intelligence," involved designing an automated system for crease recovery angle assessment and developing a CNN-based model for wrinkle grading.



◆ Dr. Mrs. A. A. Raybagi

Somvanshi Sahastarajuna Women of the Kshatriya Community who have done outstanding work are honored every year by the SSK Graduate Association, Solapur. On the occasion of International Women's Day, (08/03/2025) Dr. A. A. Raybagi, faculty of the Textile Department awarded with "Stree Sanman Purskar 2025" for remarkable performance in the Educational Field at the hands of President Moreswar V. Katve, Solapur by S. S. K. Graduate Association, Solapur.



◆ Prof. V. B. Chougule

Prof. V. B. Chougule, Faculty of Man-Made Textile Technology at DKTE's Textile & Engineering Institute, has achieved an exceptional academic milestone! He Successfully cleared 5 NPTEL courses of 56 weeks conducted by IIT Madras and Earned Elite certifications in the Textile discipline courses. He achieved TOPPER status in 2 courses and honored with the prestigious "DISCIPLINE-STAR" award and has been invited to IIT Bombay (West Zone) to attend the exclusive Star Learner Interactive Session on July 19, 2025.

Special Achievements



◆ Dr. U. P. Mhasavekar faculty of the Textile Department has been selected as a member of Board of Studies of Jawaharlal Darda Institute of Engineering and Technology for Textile Engineering w.e.f. from 7th Jan. 2025 for the term of three years.

Book Chapter

Sr. No.	Faculty Name	Book Title	Chapter Title	Publishing Agency
1	Ashish Hulle, Dr. Uday Patil, Ravikumar Purohit	Advancements in Multifunctional Composite Materials (Select Proceedings of UTRC 2023)	Multiobjective Optimization of Glass-Agave Americana Leaf Fibre Reinforced Intra Ply Hybrid Composites Using Taguchi GRA and Response Surface Method	Springer, Singapore
2	Vardhaman B. Chougule, Anand U. Maruthuvar, and P. V. Kadale	Emerging Trends in Traditional and Technical Textiles Select Proceedings of ICETT 2023	Effect of Fiber Blend on Properties of Grey Needle Punched Composite Nonwovens	Springer, Singapore
3	Dr. A. A. Raybogi	Advancements in Multifunctional Composite Materials (Select Proceedings of UTRC 2023)	Studies on Wicking of Fabrics with Air Jet Textured Yarns	Springer, Singapore

Patents

Sr. No	Names of Applicants	Title of Patent	Patent No.	Status (Applied, Published, Granted, Commercialized)
1	Dr. V. K. Dhangre Gauree Moog Sakshi Shah Shruti Porwal Esha Sheetal Vankudre	Garments for Post-Breast Cancer Surgery	414905-001	Design Patent Granted on 28/06/2024
2	Prof. Ashish Appasa Hulle Prof. Dr. Uday Jingonda Patil Mr. Sourabh Sunil Zapate Prof. Ravikumar Nandlal Purohit	Shedding Stick	409763-001	Design Patent Granted on 21/08/2024
3	Mr. A. A. Hulle Ms. Pranjali Vaidya Ms. Bhakti Umesh Bire Mr. D. A. Mhamane Mr. R. N. Purohit Dr. P. V. Kadale Dr. Uday Jingonda Patil Mr. S. B. Rayjadhav	Smart Sanitary Napkin Panty	375570-001	Design Patent Granted on 26/03/2025

Paper Presented

- R. L. Gotipamul presented a paper entitled "Sustainable Fibres for Acoustic & Thermal Insulators" in Online - International Conference on Science and Technology for sustainable development 27 & 28 February 2025.
- S. V. Chavan Presented a paper entitled "Sustainable Textiles: Antimicrobial Finishes Using Natural Resources" on 23rd November 2024 in International Conference "Global Challenges and Vitality Solutions" conducted by Chhatrapati Shahu Institute of Business Education and Research (CSIBER), Kolhapur, India
- R. L. Gotipamul presented a paper on "Development of Non-woven based Thermo-Acoustic Insulators by using Sustainable Fibres" in TEXCON-2025, 8th National Conference on "Fashion Design, Textiles and Sustainability" held from 21st to 22nd April 2025.
- A. A. Raibagi presented a paper entitled "Contribution of Textiles in Indian Fight of Bharat" in Vastra Varasa ani Parampara Maharashtra chi organized by the Cultural Affairs Department of the State Government and Shivaji University, Kolhapur on 22/03/25 to 23/03/25.
- S. B. Deshmukh presented a paper entitled "Sustainable Extraction of Cellulose from Agricultural Resources" in TEXCON-2025, 8th National Conference on "Fashion Design,

Papers Published

- A. A. Hulle published a paper on "Optimizing Characteristics of Agave Americana Fibre Reinforced Polymer Matrix Composites Using Taguchi Grey Relation Analysis" in Journal of the Textile Association, July-August 2024.
- Dr. A. A. Raibagi published a paper on "Studies on Drapeability of fabrics made from air jet textured yarns" in Asian Textile Journal, September-2024.
- Dr. A. A. Raibagi published a paper on "Studies on Water Vapour Transport Rate of Fabrics" in Asian Textile Journal, July-2024.
- Dr. A. J. Dhavale published a paper on "Filter quality coefficient: a way to optimize parameters of nonwoven used in filter" in The Journal of The Textile Institute, Publication of Taylor and Francis, August-2024.
- A. U. Awasare published a paper on "Exploring Polyester-Hemp Blends : Yarns and Fabric Insight" in Milliland International, October-2024.
- Dr. J. A. Alase published a paper on "Design of Fabric Wrinkle Instruments" in Asian Dyers, October-2024.

Papers Published

- Dr. M. C. Burji published a paper on "Influence of lycra content on core yarn properties " in Journal of Textile Association, December-2024.
- Mr. M. S. Kulkarni published a paper on "A review on Classification and Structure of Fabrics" in GIS Science Journal, April-2025.
- Dr. P. B. Malakane published a paper on "Influence of draw frame process variables on fiber orientation and properties of viscose ring spun yarn" in Melliand International, November-2024.
- Dr. P. B. Malakane published a paper on "Impact of Draw Frame Variables on Fibre Orientation and Yarn Quality" in Technische Sicherheit Journal, April-2025.
- Dr. P. M. Katkar. published a paper on "Antimicrobial Characteristics of Marigold Bast Fibre" in Asian Textile Journal, February-2025
- R. H. Deshpande published a paper on "Biodegradable fibers" in Melliand International, July-2024.
- R. H. Deshpande. published a paper on "Nanocoating on cotton fabrics for imparting functional properties" in Asian Dyers, March-2025.
- Dr. R. N. Narkhedkar published a paper on "Bottom roller to apron slippage: An influencing parameter for deciding the ring yarn quality" in Melliand International, November-2024.
- R. N. Purohit, Dr. A. A. Raibagi, A. A. Hulle published a paper on "Streaming Production: A Comprehensive On Lean Management For Textile Industry" in Asian Textile Journal, December-January-2025.
- R. P. Sawant published a paper on "3D Woven Fabrics For Advanced Composites" in GIS Science Journal, March-2025.
- S. B. Deshmukh. published a paper on "Sustainable Approach towards the Extraction of Cellulose from Bamboo and Banana Natural Resources: A Review" in Journal of Textile Association ,March-April-2025.
- Dr. S. D. Asagekar published a paper on "Stress relaxation of Nylon 6 fibre" in Melliand International, Volume 75, Issue-2-2025.
- Dr. S. M. Landage. published a paper on "Leaching of Indigo From Denim" in Asian Textile Journal, August-September 2024.

Papers Published

- Dr. S. S. Lavate. published a paper on "Life Cycle Assessment on Denim: Focus on the Indian Consumer's Phase" in Journal Of textile Association, November-December-2024.
- Dr. U. P. Mhasavekar published a paper on "The Study on Absorbents And Finishes Used For Diapers" in GIS Science Journal, March-2025.
- V. B. Chougule. published a paper on "Impact of Hollow and Solid Polyester Staple Fibers on Filtration Efficiency and Correlated Characteristics of Calendered and Non-Calendered Needle-Punched Nonwoven" in Man Made Textiles in India, July-2024.
- Dr. Y. M. Indi, Dr. S. R. Kamat, S. B. Deshmukh published a paper on "Functionalization of Textiles for Antimicrobial Applications: A Short Review" in Journal of Textile Association, July-2024.
- S. S. Aparaj. published a paper on "The Comfort Property of Nonwoven : Review" in Technische Sicherheit(Technical Security), Volume 25, Issue 3 -2025.
- Dr. V. K. Dhange published a paper on "India's traditional clothing: A sustainable fashion approach" in Technical Security, volume25-Issue 4-2025.
- Dr. A. A. Raibagi published a paper on "Air Jet Texturing, Process, Properties and Applications" in Asian Textile Journal, February-2025.
- Mrs. M. B. Bhopale published a paper on "An Overview of Statistical Applications in the Textile Industry" in GIS Science Journal , volume 12, issue 4, 2025.
- Dr. R. S. Chigre published a paper on "A Review On Synthesis of Bioactive Pyranopyrazoles By One Pot" in GIS Science Journal-2025

Student Corner

Students Credits Transfer Scheme at International level



◆ Credits Transfer Scheme

DKTE students Anushka Koik, Samiksha Malgave and Snehal Tapke from T. Y. B. Tech (Textiles) have successfully completed their 6th semester at Saxion university of Applied Sciences Netherlands as students exchange programme under credit transfer scheme as a part of MoU between DKTE and Saxion university of Applied Sciences, Netherlands. The credit transfer scheme is one of the activities of the MoU signed between DKTE and Saxion University, Netherlands. These students have attended a complete semester from February 2025 to July 2025 at Saxion University and after successfully completing the 6th semester, their credits were transferred to our institute and students have joined their 7th semester at DKTE.



◆ Credits Transfer Scheme

Mr. Suryansh Kabra, Mr. Keshav Dharak and Mr. Pratham Sarda of T.Y.B.Tech. IT, Mr. Vrushabh Patil of T.Y.B.Tech. MMTT and Mr. Sumit Patil as well as Mr. Bhushan Patil of T.Y.B.Tech. TC, were felicitated for being selected to pursue a semester at Hof University of Applied Sciences, Germany as an exchange student under the credits transfer scheme. These students of T. Y B.Tech (Textile) are selected by Hof University of Applied Sciences, Germany to study their 6th semester at Hof University under a credits transfer scheme. The credits transfer scheme is one of the activities of the MoU signed between DKTE institute and Saxion University, Netherlands. These students attending a complete semester from February 2025 to July 2025 and are successfully completing the 6th semester, their credits are transferred to our institute and students will join 7th semester at our institute.

Students Semester Exchange at International level

◆ Student Exchange Programme

DKTE has signed MoUs with several universities abroad for student exchange programs, faculty exchange program, joint research, etc. DKTE has academic partnerships and MoUs with several international universities, industry and research labs. These MoUs are targeted to foster collaborative academic and research activities along with exchange visits of faculty, research staff and students, student internships, joint conferences, and workshops to joint research projects. In line with this Mr. Anand Mall, Mr. Meet Chopra (Textile Technology) and Mr. Hariprasath (Textile Chemistry) were selected to pursue higher studies, under "student exchange programme" at Hof University of Applied Sciences Germany as a part of the collaboration activities between DKTE and Hof University of Applied Sciences Germany. Under this scheme the selected students will learn remaining study of 2.5 years at Hof University of Applied Sciences Germany.



Student Corner

Students Achievements



◆ Winner at VASTRA 2025

DKTE's B.Tech Textile students, Ashish Pramod Tile (Third Year TPE) and Gauri Sanjay Gandhi (Third Year TT), secured 3rd Rank in the National Level Technical Quiz Competition held at VITI, Mumbai on March 12, 2025, during VASTRA 2025. They were awarded a cash prize and certificates for their performance.



◆ Winner at VASTRA 2025

Amruta Sanjay Dhaygude and Vinanti Vijay Chavan, from Third Year, Fashion Technology, DKTE Society's Textile & Engineering Institute, Ichalkaranji, have secured First Prize in the National Level Paper Presentation Competition at VASTRA 2025, held at VITI, Mumbai, on March 12, 2025. Their paper presentation is on "Impact of Fast Fashion on Environment and Social Implications" earned them this prestigious recognition.



◆ Italian Technology Award 2025

Under MoU of DKTE's TEI with ACIMIT, four of our students from Textile Department Mr. Kamakshi Sundaram (Final TT), Mr. Gaurav Marda (Final TT), Miss Bhagyashri Khade (Final FT) and Mr. Shubham Hulle (Final MMTT) have been awarded the prestigious Italian Technology Award 2025 in Italy for their outstanding research in the field of Italian technology. In this regards the selected students along with faculty Prof. Dr. P. B. Malkane and Prof. Dr. A. J. Dhavale visited the prestigious Technology Award Programme-Italy 2025 organized by the Italian Trade Agency (ITA) and supported by ACIMIT (Association of Italian Textile Machinery Manufacturers) from 2nd to 6th June 2025.

◆ Winner at VASTRA 2025

Shital Dinesh Bagul and Rupali Dinesh Bagul, Third Year Fashion Technology students, secured First Prize at the National 'Dress to Impress' Competition held at VITI, Mumbai on March 12, 2025, during VASTRA 2025. Their design, inspired by Kalamkari art (Andhra Pradesh) and Miniature elephant painting (Rajasthan), beautifully showcased the theme "Indian Heritage."



◆ Winner at Techverse 2K25

DKTE'S Department of textile students Ms. Anushka Amol Hakke (First Year, Fashion Technology) and Mr. Veer Ajay Shah (First Year, Textile Technology) participated in the "Techverse 2K25" Poster Presentation a prestigious national-level technical event hosted by D.Y. Patil Agriculture and Technical University, Talsande. They won First Prize in this event. The students showcased exceptional creativity, technical knowledge, and innovative thinking.



Student Corner

Student's Achievement



♦ YUKTI Innovation Challenge-23

The innovation titled 'Design and development of garments for post-surgery breast cancer patients,' by the team comprised of Ms. Sakshi Shah, Ms. Gouree Moog, Ms. Esha Vankudre, and Ms. Shruti Porwal, has successfully completed the final round of the Yukti Innovation Challenge - 23 and awarded a funding of Rs 5 Lakhs for its innovation from AICTE and MIC cell, Govt of India. The innovation aims to improve the quality of life for breast cancer patients recovering from surgery by designing specialized garments that address their unique needs. Guided by Prof. Dr. Vaibhav Dhange, this project stands out among 135 innovations selected nationwide for funding, highlighting its significance and the team's dedication and hard work in reaching this milestone.

Student Progression to Higher Education 2024-25

- ♦ Nine of our Textile Engineering students have secured admission to pursue their higher studies for Master's Degree program in various fields of Textile Streams

Sr. No.	Name of Student	B.Tech Branch	Name of Institution Joined	Name of Programme Admitted To
1	Mr. Asif Aslam Mulla	TT	IIT, New Delhi	M.Tech -Textile Engineering
2	Shivani Sanjay Swarni	TT	IIT, New Delhi	M.Tech -Textile Engineering
3	Kajave Sunil Subhash	MMTT	DKTE, Ichalkaranji	M.Tech -Textile Engineering
4	Dudhane Sairaj Mahesh	MMTT	Singhad, Pune	MBA
5	Deomore Utkarsh Adinath	TC	DKTE, Ichalkaranji	M.Tech -Textile Engineering
6	Varma Alok Shripal	TC	ICT, Mumbai	M.TECH - Fibres and Textile Processing Technology
7	Rucha Shripad Palkar	FT	Newcastle University, UK	MSc-Operation, Logistics and Supply Chain Management
8	Mr Amarjeet Chandrakant Dudhale	TT	The University of Strathclyde, UK	MSc Supply Chain and Logistics Management
9	Miss Anushka Satish Chougule	TT	Coventry University London	MSc International Fashion Marketing

Alumni Corner



♦ Mr. Umar Inamdar

Graduation Year: OTT - 2011 | B. Textile Chemistry - 2014, Postgraduate: MS, Wuhan Textile University, China
Current Role: Material Innovation Specialist, H&M Group.

From the classrooms of DKTE to the forefront of global textile innovation, Umar Inamdar has carved an extraordinary path in the fashion industry. A proud alumnus of DKTE, Umar's journey is a testament to the power of passion, perseverance, and purpose.

After completing his undergraduate studies in Textile Chemistry in 2014, Umar pursued a master's degree at Wuhan Textile University, China, where he was honored with the prestigious Endeavour Scholarship for academic excellence and research potential.

With over a decade of experience in advanced textile materials, Umar has become a recognized leader in sustainable innovation. His career spans renowned companies such as Raymond, PDS Multinational Group, and currently, the H&M Group, where he serves as a Material Innovation Specialist in a global role.

Umar's work focuses on developing next-generation materials that align with sustainability goals. His collaborations span startups, research institutes, and global organizations, tackling challenges like:

- Bio-based materials
- Textile-to-textile recycling
- CO₂ conversion into fibers
- Lab-grown cotton
- And many more cutting-edge innovations

As a pioneer alumnus of DKTE, Umar exemplifies how technical expertise combined with visionary thinking can drive meaningful change. His efforts are not only transforming materials but also reshaping the future of fashion by bringing innovative solutions closer to the supply chain.

Key Achievements:

- Published several influential papers in many international journals.
- Best employee award in PDS multinational group.
- Secured the pilot model research for Hydroponic cotton in India.
- Selected as Chairperson for innovative project funded by H&M to HKRITA research organization.
- Project leader for CO₂ based fiber, lab grown cotton and Chemical recycling of textile waste.
- Leading the global material innovation strategies within H&M Group.

Stay Connected:

Umar Inamdar enjoys connecting with fellow alumni and students.
You can reach him on LinkedIn.

LinkedIn
QR code.



Technical Article

Water Hyacinth Fiber: A Sustainable Material for the Future

Radha Jahagirdar

Final Year, B.Tech – Fashion Technology

Introduction

Water hyacinth (*Eichhornia crassipes*) is a free-floating aquatic plant that grows quickly in warm, fresh waters. It often spreads over lakes and rivers, blocking sunlight and lowering oxygen for fish—so it is widely labeled an invasive weed. Yet the same plant can be turned into a useful resource. The stalks and petioles of water hyacinth contain natural cellulose fibers. When these fibers are carefully extracted, cleaned, and dried, they become a renewable, biodegradable material suitable for many everyday products. Using this fiber helps manage an environmental problem while supporting eco-friendly manufacturing and local livelihoods.

◆ Properties of the Fiber

1. Physical Properties

- **Appearance:** Naturally beige to light brown; can look slightly golden after thorough drying.
- **Handle & Texture:** Firm and slightly coarse (comparable to jute), but becomes more pliable with softening and blending.
- **Fiber Length:** Medium staple length that can be spun; suitable for hand-spinning and for blends in yarns.
- **Strength:** Moderate tensile strength; improves with proper retting, combing, and finishing.
- **Moisture Behavior:** High absorbency due to its cellulose nature; good breathability but needs dry storage.
- **Density:** Low, which makes products lightweight and comfortable to handle.
- **Elasticity:** Low stretch; gives woven goods a stable, structured feel.

2. Chemical Properties

- **Primary Composition:** Cellulose (about 60–65%) providing the main strength and structure.
- **Supporting Polymers:** Hemicellulose (roughly 15–20%) adding flexibility and bonding.
- **Lignin:** Around 10–15%, contributing stiffness; can be reduced by gentle chemical or enzymatic treatment to improve softness.
- **Biodegradability:** Fully biodegradable and compostable under natural conditions.
- **Dye Affinity:** Good affinity to many dyes (especially reactive and natural dyes) due to available hydroxyl groups in cellulose.

Applications:

- **Textiles & Blends:** Mixed with cotton, jute, banana, or bamboo fibers to produce durable, eco-friendly yarns for bags, mats, placements, rugs, and select home textiles.
- **Handicrafts:** Baskets, storage bins, hats, wall décor, coasters, and woven table accessories.
- **Furniture Weaving:** Chair seats, ottomans, and decorative panels made from split, dried petioles.
- **Paper & Packaging:** Handmade paper, gift boxes, tags, and protective wraps derived from pulped fibers.
- **Insulation & Panels:** Low-density boards for thermal and acoustic insulation in sustainable interiors.
- **Geotextiles & Erosion Control:** Woven mats that stabilize soil on slopes and riverbanks while naturally degrading over time.

CONCLUSION

Water hyacinth fiber turns a widespread aquatic weed into a practical, planet-friendly material. The fiber is renewable, biodegradable, and versatile, with strong potential in textiles, crafts, packaging, and interior applications. While it has moderate strength and a naturally coarse handle, careful processing and smart blending deliver attractive, durable products. Embracing this material supports environmental restoration, reduces dependence on synthetics, and creates opportunities for community-based enterprises. In short, water hyacinth fiber is a simple, sensible step toward cleaner water bodies and more sustainable products.



Promoting Excellence in
Teaching, Learning & Research