

D.K.T.E. SOCIETY'S
TEXTILE & ENGINEERING INSTITUTE
ICHALKARANJI

Textimes

— News Letter —

April 2021



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DKTE

AN AUTONOMOUS INSTITUTE

NAAC ACCREDITED WITH 'A +' GRADE



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AWARDS & APPRECIATION

We are pleased to share that "DKTE Society's Textile and Engineering Institute, Ichalkaranji" has been awarded as "India's Best Private Engineering Institute" and "Prof. (Dr.) P. V. Kadole" has been awarded as "Director of the Year" at IP Top Education Brands in India held at Bangalore on the 28th September 2019.



DKTE has been conferred as "Torchbearer" for the contribution in Higher Education Category. INDIA DIDACTICS ASSOCIATION (IDA) organized 'IDA Awards – Education 2018' @ 11th Edition of 'DIDAC India' at International Exhibition Center, Bangalore on the 24th September 2019. DIDAC India has been recognizing Educational Institutes by adjudging their performance in Academics and rewarding their excellence in Education and Training. This recognition was received by DKTE representative Prof. L.G Patil from Ms. Preeti Gupta - Director of IDA, Noida.

DKTE has been designated as Mentor under the PARAMARSH scheme by UGC for NAAC Accreditation. As a part of the scheme, Prof. (Dr.) V. R. Naik and Prof. V. P. Gaikwad visited Sant Gajanan Maharaj College of Engineering, Chinchwad (Gadhinglaj). The team deliberated on NAAC auditing procedure and evaluation criteria. Also, review of documents for NAAC Accreditation was carried out. Discussions with Principal, Dean's and HOD's of various departments for NAAC accreditation were done along with a visit to various departments Textile and laboratories.



DKTE gets 'Dyeing Machine, Callebaut De Blicquy (CDB), France – the well-known specialist of dyeing machines from "ROUSSELET GROUP", has donated its state-of-the-art 'CDB Optilab Dyeing Machine' to DKTE. DKTE's delegation visited CBD Stall at ITMA Exhibition at Barcelona Spain recently. The delegation was welcomed by Mr. Michel L'Kherba, CEO, CDB, Mr. Malick Menia, Area Sales Manager, CDB, Mr. Ramkrishna Kulkarni and Mr. Soumya Ganguly of Eastern Engineering Company. DKTE is thankful to Mr. Ramkrishna Kulkarni, Head-Sales & Business Development, Eastern Engineering for taking efforts for donating this machine to DKTE. Thank you, Mr. Ramkrishna – a Proud Alumnus of DKTE !



PROGRAMS ORGANIZED

Our institute has permission from AICTE for the admission of Foreign Nationals in various programs. An interactive webinar to talk about learning facilities available at DKTE was conducted for officials of Malaysia Bangladesh Study Centre Ltd./ India Study Centre, Dhaka, Bangladesh by Prof. Saatish Lavate, co-ordinator of foreign national student admission conducted



On the occasion of 'World Environment Day', 5th June 2020, DKTE in association with 'The Institutions of Engineers Kolhapur Local Centre', Nature Club and Student Chapter of Civil Engineering Department performed "Mega Plantation Activity" in the village Mauje Sangaon, Kagal, Vanikaran area.

A webinar on "Personal Protection using Textiles & COVID-19" was organized by the Department of Textiles of our institute on 11th May 2020. The resource person was Dr. Sheshadri Ramkumar, Professor, Texas Tech University Lubbock U.S.A. The need for innovative textiles, role of nonwovens in protective textiles, developments in masks and PPE were explained in the session.



A webinar on "Viscose Fiber Manufacturing Operations" was organized by the Department of Textiles on 22nd May 2020. The resource person was Mr. Ashok Prabhakaran, Functional Head (Technical) Grasim Industries, Harihar. He enlightened the participants about the Viscose fiber manufacturing process and process control in viscose fiber manufacturing process.



A webinar on "Reboot Your Production for PPE" was organized by the Department of Textiles in collaboration with IIGM, Bangalore on 4th June 2020. The resource persons were Mr. Pavan Kapoor (Managing Director), Mr. Jasbir Singh Dhody (Managing Director), Mr. Prashant Agrawal (Joint Managing Director), and Mr. Ramasubramanian (Vice-President). The Fabric and Trim sewing system, construction of PPE suits, machinery and work aids required for PPE manufacturing were explained in the webinar.

A Webinar on "Sustainable Development Goals and Bio Based materials" was organized by the Textile Department on the 1st May 2020. The resource person was Mr. Karun Tyagi, Vice President - Business Development & Environmental Sustainability at 'Proklean Technologies Pvt. Ltd.' Mr. Karun Tyagi is an alumnus of our institute. In this webinar session, he addressed regarding Probiotics Technology - which is path-breaking technology that enables unmatched processing results across various industries with no impact on the environment.



A webinar on "Sewing Thread Technology" was organized by the Department of Textiles of our institute on 29th May 2020. The resource person was Mr. Vinay Kumar of Madhura Coats, Bangalore. Various innovations, developments of sewing and Embroidery threads with their applications were explained by the resource person.

One Semester of BUFT Bangladesh Students at DKTE under Credit Transfer Scheme



DKTE has joined hands with more than 22 International Universities, having collaborated for Joint Research and Development, Faculty and Student Exchange Activities, Joint Publications and many more. In this regard, BGMEA University of Fashion Technology (BUFT) Dhaka, Bangladesh and DKTE have signed MOU to explore above possibilities in November 2018. DKTE International Relations Department Representative – Prof. Satish Lavate visited campus of BUFT Bangladesh in the month of December 2019 and had exhaustive discussions with Pro Vice Chancellor Dr. Ayub Nabi Khan and other officials of BUFT. Dr. Ayub Nabi Khan, PVC of BUFT also paid visit to DKTE in early part of year 2020. To initiate the collaborative activities, ten students from BUFT Bangladesh were selected from 5th and 7th semesters and were enrolled in DKTE Campus on 7th February 2020 for One Semester to Study at DKTE under Credit Transfer Program.

These BUFT Students were given practical and theoretical inputs through offline and online mode for 6 months at DKTE. Also, students were given 15 days internship/industrial training in Local Industries. With hard efforts of dedicated faculties of DKTE and studious nature of students from BUFT, students excelled in their academic performance.

These students were awarded Certificates on successful completion of their Semester @ DKTE. BUFT students appreciated the practical approach, lab facilities, hospitality provided by DKTE Institute and wished to rejoin for further activities. Prof. (Dr.) U. J. Patil guided students throughout the semester. Students were felicitated at the hands of Director Prof. (Dr.) P. V. Kadole. Prof. Mr. Satish Lavate coordinated the activity.

DKTE students successfully completed an Internship at HOF University, Germany.



Under the MoU between DKTE and HOF, so far, 52 students from DKTE have completed their 'Summer Internship/Training' of one month duration at HOF University, Germany in the last 5 years. HOF University offers 'International Textile Summer', covering the following subjects:

- Technical Textiles
- Innovative Textile Finishing
- Sustainable Textile Business

The students attend lectures on all topics, work in labs and pilot plants and participate in excursions to companies related to the subject. The International Textile Summer includes an extensive supporting program including guided excursions to textile companies, a day trip to Munich and other well-known sightseeing places, close insight into the historic and cultural background of German and Bavarian way of living, guided city walk, barbecue and more. Students benefit from free sports facilities on campus HOF as well as free 24-hours access to the internet and the library at HOF University.

AWARDS

**"Top Digital Marketer in Education Award"
by ASMA India to Mr. Ashish Hulle.**

Mr. Ashish Hulle, Assistant Professor in Textiles, of our institute has been honoured with "Top Digital Marketer in Education Award" by ASMA India (Adoption of Social Media in Academics) on the occasion of 3rd ASMA Annual Convention and Awards 2019 held at Hotel Sahara Star, in Mumbai on the 16th of September, 2019. He received this award at the auspicious hands of Prof. (Dr.) H. Chaturvedi (Director at Birla Institute of Management Technology, Greater Noida, India and Former Director of AICTE. This program was graced by renowned personalities like Prof. Anil Sahasrabudhe (Chairman, All India Council of Technical Education), Dr. Ganesh Natarajan (Chairman, 5F World), Dr. A. K. Sengupta (Founder - Higher Education Forum), Prof. Bhimaraya Metri (Director, IIM, Trichy), Dr. Suresh K Goel (Former Director-General of the Indian Council of Cultural Relations). Also, Vice-Chancellor, Directors and Deans of various Universities and Institutes, founders of various educational startups were present to witness this felicitation.

**"Best Engineer Award" by
The Institution of Engineers (India)-
Kolhapur Local Centre to Prof. (Dr.) M. Y. Gudiyawar.**

Prof. (Dr.) M. Y. Gudiyawar of our institute was honored with "Best Engineer" Award by The Institution of Engineers (India)- Kolhapur Local Centre on the occasion of 52nd Engineer's Day. The award was presented to him by Dr. Deepak Shikarapur, Director Kinetic communications and IT member AICTE, on the 16th of September at a function in Kolhapur organised by The Institution of Engineers. All the office bearers of Institution of Engineers (India)- Kolhapur local centre were present on the dais. Engineers, Academicians and Students from various industries and institutes attended this function.



PH.D. COMPLETION

PhD Awarded

Prof. Sunil B. Mhetre from Textile Department has been awarded Ph.D. by Shivaji University, Kolhapur for the subject entitled "Studies in Thermal Behavior of Textile Materials". He was felicitated at the auspicious hands of our Chairman Hon. Shri. K. B. Awade and our Vice Chairman Hon. Shri. Prakash Awade. Hon. Secretary Dr. Mrs. S. U. Awade, Director Prof. (Dr.) P. V. Kadole & Dy. Director Prof. (Dr.) U. J. Patil, were present on this occasion.

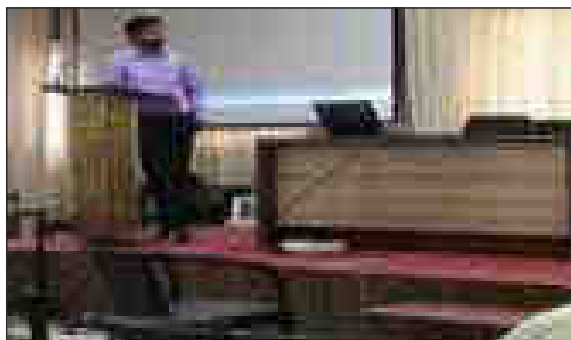


Prof. Prakash B. Malakane from Textile Department has been awarded Ph.D. in Textile Engineering under the Faculty of Science and Technology by Shivaji University, Kolhapur in the subject entitled "Studies on Effect of Variables in Different Spinning Processes on Fibre Orientation and Yarn Properties" under the guidance of Prof. (Dr.) P. V. Kadole. He was felicitated at the auspicious hands of our Chairman Hon'ble Shri. K. B. Awade.

SPECIAL ACHIEVEMENTS

Development of Antiviral Finish

Prof R H Deshpande, from the Textile Department has developed an innovative nanotechnology based Antiviral finish for fabrics that can be used by healthcare workers and the public to fight against the current pandemic. The finish is a blend of organic and inorganic nanomaterial which is highly effective against viruses as well as bacteria. Carbon based nanomaterial from ultra-thin nano sheet, which ensures deactivation of bacteria whereas inorganic nanomaterial kills the virus by changing its morphology and finish doesn't affect the breathability of textile. All types of fabrics and garments can be finished with the product and application of it shows an extraordinary result in terms of bacterial resistance.



SMARTx – A Learning Platform

SMARTx, an online learning platform developed by Mr. Ashish Hulle provides a platform of vivid learning skills set with self-paced courses, live online classes, interactive videos, whiteboard, web conference system, content seeding, automatic course tracking, a robust online examination system, online assignments, discussion forum, verifiable e-certificate, course feedback, grade book, real-time student activity reports, etc.

Institute organized a Faculty Development Program on "Online Teaching Resources" from 3rd June to 8th June 2020. Mr. Ashish Hulle, faculty member from the Textile Department, demonstrated

the SMARTx Platform and other online tools which can be used to create educational websites, discussion forums and online exams. In addition, he also explained about the various online digital tools like creating education websites and conducting online exams and much more by simply using google platform.

Career Counselling of Students

Shashi Dream Foundation' is a volunteering group that works extensively for career counselling of students with a motive to educate them and provide them a better life. They had invited for "Career talk on Textile Engineering". Mrs. A. A. Raibagi gave an overview about the profession including career prospects, method of recruitment, expenditure involved in pursuing the course/career, challenges involved, expected financial package and other perks, essential qualifications, etc.



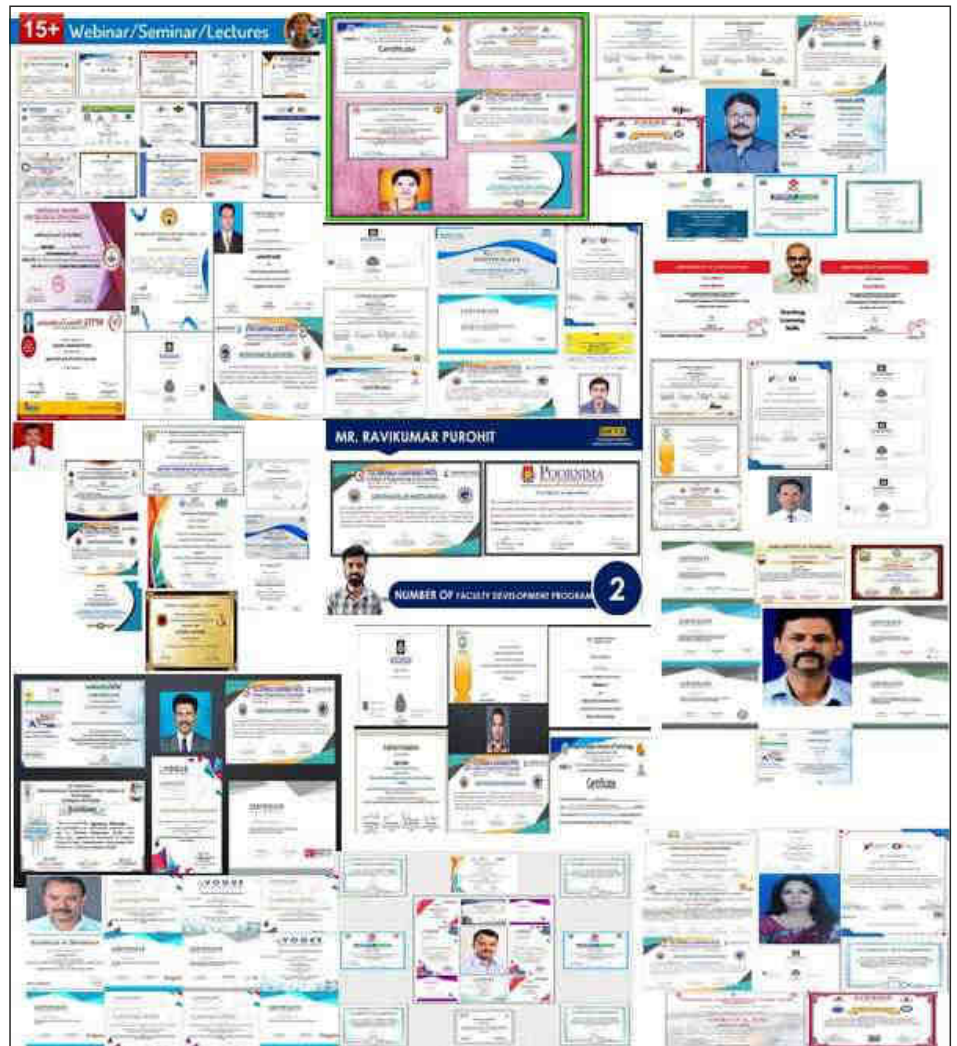
Turnkey Consultancy

Prof. C.A. Patil has rendered Turnkey Consultancy to 'Dhanasmruti Textile Mills, Sangola', which has installed 50000 Spindle Spinning Mill, with all Preparatory Machinery from 'Truetzschler', and Spinning and Post spinning machines from 'KTTM' and 'Savio' respectively. The mill is able to produce the yarn of highest quality parameters within short period of time.



Pandemic couldn't stop from Learning – Faculties at DKTE

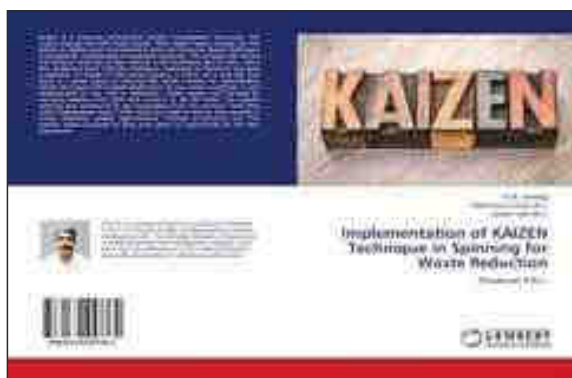
This pandemic has taught the value of each minute and second and faculties from our institute have set the best examples by utilizing this time in the entire period of lockdown by accomplishing various intellectual lectures, presentations, FDPs, online courses for their personal & institute development. Here are the traces of their endeavours:



BOOK PUBLICATIONS

Prof. B. B. Jambagi, Mr. Ravikumar Purohit & Mr. Ashish Hulle have published a book entitled "Implementation of KAIZEN Technique in Spinning for Waste Reduction" at Lambert Academic Publishing, Germany. ISBN:9786139457762

Prof. B. B. Jambagi has also published a book entitled 'Fibre Reinforced Concrete: FRC Applications in Construction Work'. The co-authors of this book are Mr. Sanjay Lawand and Mr. Ravi Purohit, Published @ Scholar's Press, ISBN-10: 613892389, ISBN-13: 978-6138923893



Prof U.P. Mhasavekar published a book (as editor) entitled 'Coated and Laminated Fabrics: Processes, Methods and Techniques' @ LAP Lambert Publication with of our students Mr. Abhijeet Jagdale and Miss. Shweta Mhanta as authors.



Prof. Rajanna Gotipamul and Prof. (Dr.) P.V. Kadole have published a book entitled "Personal Protection Equipment (PPE): Body Coverall", published at Scholar's Press, Omniscryptum Publishing Group, UK, ISBN: 978-613-8-93482-7.



PAPER PUBLICATIONS

- Dr. V. K. Dhange, P. B. Malakane and K.R. Tanange, "Effect of Covid-19 on Spinning Industry", SPINNING TEXTILES, May-June 2020.
- Dr. R. N. Narkhedkar, Compact yarns manufactured with different roving hanks, Melliand International, Nov., 2020,
- S. V. Chavan, Probiotic Technology- A Novel Approach in scouring of Textiles, Journal of Textile Science and Engineering, ISSN: 2165-8064 Volume 10 Issue 5, Nov., 2020,
- R. R. Joshi, BIODIESEL -Alternative Fuels & Energy System, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), e-ISSN: 2319-8753, p-ISSN: 2320-6710| www.ijirset.com, Volume 9, Issue 11, Nov., 2020,
- Amit A. Patil, Uttam S. Bongarde, Atul J. Dhavale, Rahul R. Joshi, STUDY ON SOLAR POWERED AIR COOLER, International Advanced Research Journal in Science, Engineering and Technology, Volume 7, Issue 11, ISSN (Online) 2393-8021 ISSN (Print) 2394-1588, Nov., 2020,
- S. R. Kamat, Synthesis of xanthene and coumarin derivatives in water by using β -Cyclodextrin, Research on Chemical Intermediates, , Nov., 2020,
- Dr. S. M. Landage, Conductive Textiles, The Indian Journal of Natural Fibres, Vol.6 No.1, pg. no. – 27-33, ISSN: 2348-7445, Dec., 2020,
- Mrs. J. A. Alase, Dr. S. M. Landage, Conductive cotton fabric using Polypyrrole polymer, Melliand International, Vol. – 26 (3), pg.- 125-126, Dec., 2020,
- S. V. Chavan, Printing on cationized cotton using reactive dyes, Asian Dyer, Dec, 2020,
- R. L. Gotipamul, Effect of multi-layer of Nonwoven Needle punch fabric on filtration performance, Miliand International, Dec., 2020,
- S. G. Kulkarni, Studies On Particle Boards made From Sugar Cane Bagasse, The International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 9, Issue 12, December 2020., Dec., 2020,
- A. N. Purant, A. A. Patil, A. J. Dhavale, R. R. Joshi, "Weld Line Defect Analysis in Plastic Injection Moulding, Journal of Advancements in Material Engineering, e-ISSN: 2582-0036 Volume-5, Issue-3, Dec., 2020,
- S. V. Kamble & V. C. Sakhare, NOVEL IMAGE STEGANOGRAPHY TECHNIQUES: A CASE STUDY, International Journal For Technological Research In Engineering, Volume 8, Issue 4, ISSN (Online): 2347 - 4718, Dec., 2020
- V. C. Sakhare, Noise Models in Digital Image Processing, International Advanced Research Journal in Science, Engineering, and Technology, Vol. 7, Issue 12, ISSN (Online) 2393-8021, ISSN (Print) 2394-1588, Dec., 2020,
- B. B. Jambagi, P. S. Joshi, Spirality in Single Jersey Knit Fabrics, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 9, Issue 12, Dec., 2020,
- S. K. Laga, Sivasubramanian S P, S B Vhanbatte, Atmospheric Plasma Treatment of Polyester/Wool blended Fabric: Impact on Mechanical, Structural and Chemical Properties, Asian Textile Journal, Vol 29, No 11, Nov 2020. ISSN No: 0971 3425, Dec., 2020,

- A. P. Athane, Fabric Conductivity in Textile Field and Emerging Trends - Review, International Journal of Scientific Research in Engineering and Management (IJSREM, Volume 04, Issue 12, Dec., 2020,
- A. U. Awasare, Effect of Blend Ratio and Relaxation on Structural Properties of Knitted Fabrics, International Advanced Research Journal in Science, Engineering and Technology, Vol. 7, Issue 12, Dec., 2020,
- I. M. Momin, Design and Development of A Centrifugal Pendulum Linear Vibration Absorber with Zero Eccentricity, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), [Volume 9, Issue 12, December 2020]], Dec., 2020,
- R. H. Deshpande, Sustainable approach in printing of textiles, Melliland International, Dec., 2020.

PAPER PRESENTATIONS

- Dr. V. K. Dhange presented a paper on 'India's Traditional Clothing: A Sustainable Fashion Approach Textile School in Cambodia Global Textile & Fashion Industry Development in Post Pandemic Era', Wuhan, November, 2020, Wuhan Textile University, China.
- Dr. M. C. Burji presented paper on 'Studies on compressional behaviour of thermal bonded nonwovens' in 5th International Conference on InduTech 2020 on 21th to 23th August 2020.
- Dr. S. D. Asagekar presented paper on 'Effect of antimicrobial treatment on shelf life of sugarcane fibre' in 5th International Conference on InduTech 2020 on 21th to 23th August 2020.
- Dr. S. B. Mhetre presented paper on 'Ultraviolet protection of industrial fabrics' in 5th International Conference on InduTech 2020 on 21th to 23th August 2020.
- R. L. Gotopamul presented paper on 'Aerogel is an Amazing Insulator : Aerogel Blankets' in 5th International Conference on InduTech 2020 on 21th to 23th August 2020.
- Mr. Ravikumar Purohit presented a paper at International Web Conference on 'Redefining, Restructuring & Revamping the World for Sustainable Development Amidst New Normal', which was held from 24th to 26th July 2020 on Zoom app. The topic of the presentation was "Lean Implementation – The Need for Manufacturing Industry"
- Mr. Ashish Hulle, a faculty member from the Textile Department conducted an International Webinar on 'How to Write Scientific Paper?' on 9th August 2020. The webinar was delivered on "SMARTx" platform and premiered on 'YouTube' as well. More than 1200 students, research scholars, faculty members from India, Turkey, Saudi Arabia, Nigeria, China, Indonesia, Pakistan and Iraq attended the webinar. After the webinar, test was conducted and certificates were given to the participants.



ACHIEVEMENTS

STUDENTS
ACHIEVEMENTS
IN PAPER/PROJECT

The best example of making the waste time to the best by their prominent impression of various activities done by the students of our institute in the period of pandemic.



Our student Mr. Salecha Panap Suresh Kumar from Final year Textiles has attended different webinars during the COVID-19 breakdown and he also has successfully completed following online courses.

Fundamentals of Digital Marketing – Productive, Google Garage, Marketing Research and Consumer Behavior (IEBusinessSchool) – Coursera, Social Media Marketing – UDEMY, Marketing Strategy in 30 min. – UDEMY, Speak English Professionally (GeotgialOT) Coursera, English for effective business speaking (Hongkomg University) – Coursera, Stock Market Trading Introduction – UDEMY, Financial Market (YaleUniversity) – Coursera.

Our students Saket Totala and Siddhant Katariya of Final Year Textile Technology have excellently utilized their time during lockdown and have acquired the following achievements in this year:



- 1) Finalist of SSUI- Swarnim Entrepreneur of the Year organized by IIM, Ahmedabad held on 24th Aug 2020 to 26th Aug 2020.
- 2) Presented paper on "Dyeing with Supercritical Carbon Dioxide" at the International Conference ICTX2020 organized by the Institution of Engineers at Kolkata held on 9th Feb 2020 to 10th Feb 2020.
- 3) Qualified for Round 2 of National Engineering Olympiad 3.0 organized by NEO Foundation held from 24th April 2020 to 28th April 2020.
- 4) Presented Paper on "Studies on Fire Retardant Military Uniforms" in the National Level E-conference On Science & Technology Organized by SPVPs S. B. Patil College of Engineering, Indapur held on 15-16 June 2020.
- 5) Attended Comprehensive webinar on "Prior art searching with Goggle Patents" organized by Turnip Innovations Pvt. Ltd held on 26th June 2020.
- 6) Applied for funding of 50000 INR under IEI R&D Grant-in-aid Scheme of The Institute of Engineers, India on 30th June 2020.
- 7) Published paper on "Studies of Fire-Retardant Military Uniforms" in the International Journal of Innovations in Engineering Research and Technology (IJIERT) which has an Impact Factor of 5.558 and ISSN 2394-3696 in the June edition.
- 8) Successfully completed Foundation Programme (Online) For Budding Entrepreneurs - Batch II under Atal Incubation Centre – Rambhau Mhalgi Prabodhini, NITI Ayog, Government of India held between 18th July 2020 to 26th July 2020.
- 9) Attended International Webinar on "The Journey of Startup: From Product Management to Growth Hacks" organized by the Mandsaur University, Mandsaur held on 31st July 2020.
- 10) Received SMIE Membership of the Institution of Engineers on 4th August 2020.
- 11) Attended webinar on "Growth Opportunities of Indian Technical Textile Industry in Domestic & Global Markets" organized by DJFT, Kolkata held on 4th August 2020.
- 12) Attended one-week webinar on "Technical Textiles- Product Development and Market Potential" organized by Department of Textile Technology, Kumaraguru college of Technology held from 30th July 2020 to 5th August 2020.
- 13) Presented paper at the National Conference on Sustainable Growth in Textiles (NCSGT-2020) on "Sustainable Textile Chemical Processing" organized by Uttar Pradesh Textile Technology Institute, Kanpur on 14th August 2020.
- 14) Internship in "Excel Automation" organized by Internship Studio from 14th July 2020 to 17th August 2020.



GATE EXAM 2019

Sr. No.	Name of Students	Class
1	Gandhali Arjun Khandekar	Final – TT – Alumni
2	Jainam Arvind Jain	Final – TT
3	Himalee MahendraPatil	Final – TT
4	Vyankatesh Sanjay Urane	Final – TT
5	Abha Shirish Pudke	Final – TT
6	Suraj Ravindra Bamane	Final – MMTT

NIFT EXAM 2019

Sr. No.	Name of Students	Class
1	Mr. Shubham Vijay Bagade	Final – FT
2	Mr. Shivtej Shiputra Gasti	Final – FT
3	Miss. Dipali Prabhakar Kamble	Final – FT
4	Miss. Snehal Sanjay Khul	Final – FT
5	Miss. Vaishnavi Sanjay Kamble	Final – FT
6	Miss. Padmaja Rajkumar Patil	Final – FT
7	Miss. BhagyashreeShelake	Final – FT

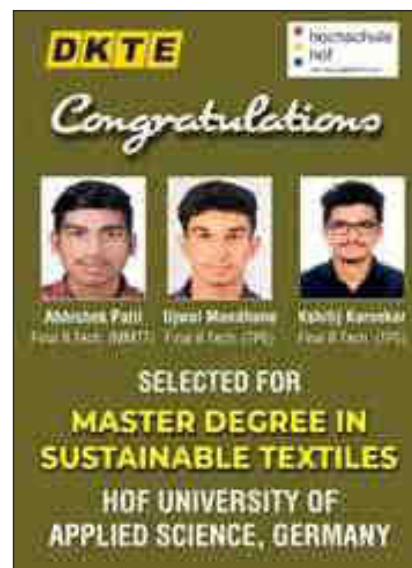
Italian Technology Award 2019

Italian Trade Commission and Association of Italian Textile Machinery Manufacturer (ACIMIT) have selected following students for 'Italian Technology Award-2019' at Italy.

- Salecha Panap Suresh – Final (TT) Guide – Prof. (Mrs.) P. M. Katkar
- Rathod Devendra Rajesh – Final (MMTT) Guide – Prof. (Dr.) M. Y. Gudiyawar

Selection for Higher Education Abroad

Three Textile students Mr. Patil Abhishek, Mr. Karvekar Kshitij and Mr. Mandhane Ujjwal of B. Tech (Textiles) are selected by Hof University of Applied Sciences, Germany to study Masters Programme MS in Sustainable Textiles. This selection of students for higher studies is one of the aspects of MoU between DKTE and Hof University of Applied Sciences, Germany.



Our student, Mr. Shubham Satish Patil B. Tech (MMTT) -2019, is selected by 'De Montfort university Leicester UK' (DMU) for Masters Programme in Textile Design Technology and Innovation. De Montfort University is one of the top ranked universities of U.K. The university has also offered scholarship to Mr. Shubham Patil for pursuing this programme.





Students Chapter of TAIMU at DKTE in Association with Department of Textiles arranged a webinar on "How to Write Literature Review in Research" on 20th June, 2020. The resource person was Mrs. Rajitha Nair, Senior Data Scientist, Researcher, Entrepreneur, Co-founder of 'Rajitha Nair Business Analytical Solutions', Nashik. 120 students from Textile Department & faculty members attended the webinar.



Technical Book Reading session



As a part of Student Development Programme, during the COVID-19 Lockdown, "Technical Book Reading session" was organized by DKTE and Students Chapter of Textile Association of India, Ichalkaranji-Miraj Unit (TAIMU) on 25th June 2020, by online mode.

Dy. Director Prof Dr. U. J. Patil explained the objective behind organizing this event. The Session was on reading book entitled "Science in Clothing Comfort". The authors of this book are Dr. Apurba Das and Dr. Alagirusamy. Some of the important points of book were read by Prof. S.N. Jawale and Prof. A.A. Raybagi. The book deals with the need and selection of clothing, components of clothing comfort, clothing

comfort and wearer's attitude & many more. DKTE has initiated this new concept for the benefit of the students. Students participated very actively in this initiative.

Dr.U.J. Patil also took a review about the development in the department and also informed the students about opportunity for them to acquire additional honours degree i.e., Technical Textiles, Apparel Technology – as per the guidelines of AICTE by completing additional 20 credits.

Report on Placement of Textile Students

Shri Sanjay Akiwate, Training and Placement officer

Placement of textile students in the academic year 2019-20 started with PPO offers received from Trident Group, Reliance Industries Ltd, Jayashree Textiles, Aditya Birla Group, Welspun India Ltd and Vardhman Textiles Ltd.

Campus interviews started in the month of August 2019. The very first company visited was Welspun India Ltd. Further 30 more companies visited during 01 August 2019 to 15 March 2020. Over all 55 % of the final year students were already placed before Covid-19 outbreak

In the view of Covid-19 pandemic and subsequent lockdown after 22 March 2020, the entire placement process shifted through online mode, thus allowing students to participate in the interview process from home. Many home textiles, non-woven and technical textile manufacturing companies conducted interview process through online mode. More than 60 companies participated in online interviews process.

Almost all companies have honored job offers made through campus interviews. These companies deferred on-boarding of the students selected by them from July 2020 to November 2020. Few companies staggered date of joining in batches.

Foreign companies also honored the offers made by them. These companies made transport arrangement immediately after international flight started operation after Covid 19.

One of the most significant factor of placement is Pre Placement Offers (PPO) – 34 students got PPO offers through summer / winter internship. Stipend offered for internship is ranging between Rs. five thousand to One Lakh.

The highest and average package offered is Rs. 15 LPA and Rs. 04 LPA respectively.

Status	No. of companies conducted interviews	No of students Placed	Placement %
Before Lockdown 2020	30 (Campus Interviews)	145	55
After Lockdown 2020	60 (Online Interviews)	120	40

In spite of very tough condition due to covid-19 outbreak hits textile companies hard, almost all (More than 95%) final year students got placed.



IMPACT OF COVID 19 ON TEXTILE INDUSTRIES

After agriculture, the textile is the second biggest employer in the country. It employs over 105 million people. India is the fourth-largest producer of garments and apparels in the world and contributes 2 percent to the total GDP.

COVID 19- a virus started in China, being the reason behind the economic crisis and the global recession. This has now taken a massive toll on almost all the sectors. Some of the major sectors affected as they were marked as non-essentials during the lockdown period are logistics, automobiles, restaurants, theatres and textiles. The demand for Textile products has drastically fallen as the global market is affected and since the conditions for logistics were unfavorable, the export has come down to grinding halt. Due to this, multiple industries were shut down and a large number of people went jobless. In terms of value, the export of textiles has reduced to 35 percent in comparison to 2019.

The spread of the virus in China and which later got spread to EU and USA has majorly impacted us as they are huge markets for Indian textile products, said T Rajkumar, Chairman, Confederation of Indian Textile Industry (CITI).

The fight against this invisible enemy has caused a lot of carnage but the sudden demand and scarcity of the medical protective gears such as 'surgical face mask and protective clothing' rose as the silver lining the textile industry needed in these dark times. Almost all the textile and garment industries have been energized by the requirement of personal protective equipment (PPE). With the largest to smallest companies, all are pitching in during this time of need. Due to large resources and high manpower, India easily overcame the scarcity and was ready to export again.

PPE has become a necessity in today's world, because of the high population the need for PPE kits is also immense. The term PPE is now becoming an everyday item for household use. The use of protective clothing or face covering is no more confined to the healthcare sector as it has slid into the commoner's everyday life. The government guidelines that everyone must wear a mask to protect themselves and others from the spread of the virus has made the face masks mandatory and an everyday use object. Today multiple varieties of masks are easily available in the market, whether woven, non-woven, knitted, sewn or with value-added finishes to meet the demand.

No-one yet knows the full impact of the virus on the supply chain and what the textile industry looks like when the immediate need for massive quantities of PPE abates. But the general outlook seems positive. India's textile market has found an opportunity in the worst of economic times- an advantage in disadvantage. I dearly hope that we not only survive but we thrive.

Ms. Kshitija Kamble
Final B. Tech TT



ALUMNI CORNER

A Big Leap - Mapping journey of our alumni !

Our institute has continually been providing strong evidences of being a visionary lighthouse that provides a practical foresight to our students into their career. Our proud alumni are immensely contributing to the ongoing triumphs of our institute being vital pillars to its foundation. Dr. Arvind Purushothaman and Mr. Sandip Pawar are amongst them adding more feathers to the Institute's hat.

Dr. Arvind Purushothaman

*Vice President in Innovation & development at
Lydall Performance Materials, Lancaster Pennsylvania*



- Dr. Arvind Purushothaman embarked his career with the technical education in textiles.
- Diploma in Textile Technology, 1998, KLNMPolytechnic, Tamil Nadu
- B. Text in Manmade Textile Technology, 2002. DKTE Society's Textile and Engineering Institute, Ichalkaranji
- M. Tech in Textile Technology, 2004, Indian Institute of Technology, Delhi
- Ph. D in Nonwovens & Advanced Material, 2009, Texas Tech University
- Product Development Scientist from 2009 to 2015, Ahlstrom, United States
- Product Development Manager, Sontara, Old. Hickory, TN.
- Vice President in Innovation & development. Lydall, Pennsylvania
- With a breadth of experience in research & development of various Nonwoven products, he is now leading his career ahead as a R&D leader with that core expertise.

Mr. Sandip Pawar

Senior Manager at Edwards Lifesciences, California.



- Mr. Sandip Pawar entered the world of textile; beginning his career at DKTE Society's Textile & Engineering institute as B. Text. in Textile Technology, 2002.
- Fabric inspection & Quality Department, Tessitura Monti Pvt. Ltd. Kolhapur
- Masters in Textile Technology & Material Science, 2008, University of Massachusetts Dartmouth
- Technical Manager, Velcro Companies, USA
- MBA in Operations & Technology Management, 2017, Boston University Questrom School of Business, USA.
- Pursuing his career aspirations, he is serving at Edwards Life sciences, California as a Senior Manager leading the Centre of Excellence in Polymers and Textiles with a team of engineers for biomedical textiles and implantable devices intended to address structural heart and heart-valve diseases.

To extend their assistance to the emerging technocrats, in their very own institute Dr. Arvind and Mr. Sandip are now contributing as Guest Faculties in an elective subject 'Innovation in Textiles' offered to T.Y. B.Tech. Students for the entire semester. After seeing the success of our beloved alumni, institute feels proud and indebted by the education provided to our current and upcoming students.

May they be students of our institute at a time, proud alumni they stay forever....



AN AUTONOMOUS INSTITUTE

NAAC ACCREDITED WITH 'A +' GRADE



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