

VOLUME 46



KUMARAGURU
college of technology
character is life

JAN-JUNE 2021



TRENZETTER

NEWS LETTER

Department of Fashion Technology



KUMARAGURU COLLEGE OF TECHNOLOGY



Character Is Life

INSTITUTION

VISION

The vision of the college is to become a technical university of International Standards through continuous improvement.

MISSION

Kumaraguru College of Technology (KCT) is committed to providing quality Education and Training in Engineering and Technology to prepare students for life and work equipping them to contribute to the technological, economic and social development of India. The College pursues excellence in providing training to develop a sense of professional responsibility, social and cultural awareness and set students on the path to leadership.

DEPARTMENT

VISION

Achieve excellence in academics and research and face the challenges of fashion and clothing industry

MISSION

- Develop core competencies with a curriculum encompassing design, manufacture, and management domains.
- Develop the competency of the faculty to the level of International repute through state-of-the-art infrastructure and facility, focus on research and upskilling.
- Stimulate analytical and creative thinking to transform the students as socially responsible, competent professionals, entrepreneurs, researchers useful to the society, through innovative teaching learning
- Promote collaborations with industry to comprehend global practices leading to excellence.

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From the HOD's Desk

The Department of Fashion Technology is offering the 4-year undergraduate program on B Tech Fashion Technology in the year 2002 and 2 year Post Graduate program on M Tech Apparel Technology in the year 2005. The Department has well established laboratories with advanced equipments and machineries for apparel manufacturing, Testing and Chemical processing. Most of the faculty have PhD with relevant industrial experience that makes better teaching and learning for students. The curriculum and syllabi that is continuously updated to meet the requirements of the academia and industry involving experts from National level institutions and Industry. The Department is accredited by National Board of Accreditation (NBA) under Tier 1 category. The Department is a recognized research centre Under Anna University, Chennai and many research scholars have got/pursuing Doctoral degree. The Department has got sponsored Center of Excellence/research projects from various Government agencies like TIFAC/MHRD/SPARC, DST SEED, DST IDP, UGC, TNSCST, Ministry of Textiles etc to carry out research in Textile and Apparel Technologies. The faculty and students also participate in National and International level competitions and won awards from AICTE and NRDC. The Department is well supported by Placement Cell of KCT to ensure all needy students are well placed in leading apparel industries. Our students also take up Higher studies in leading Universities in France, UK, USA and in National Institute of Fashion Technology, (NIFT) National Institute of Design, (NID) India. MoU with leading textile/apparel industries and International Universities help the students and Faculty with necessary skill and competencies required to meet future challenges. Fashion Technology Association is actively managed by students and guided by a faculty coordinator. The association organizes events and guest lectures that ensures better skill and communication. The Department is also having Alumni cell that constantly interacts with Alumni and ensures a better relationship with department and institution.



Editor in chief
Dr.G.Ramakrishnan
Head of Department
Fashion Technology

Editor
Mr.A.Arunraj
Assistant Professor

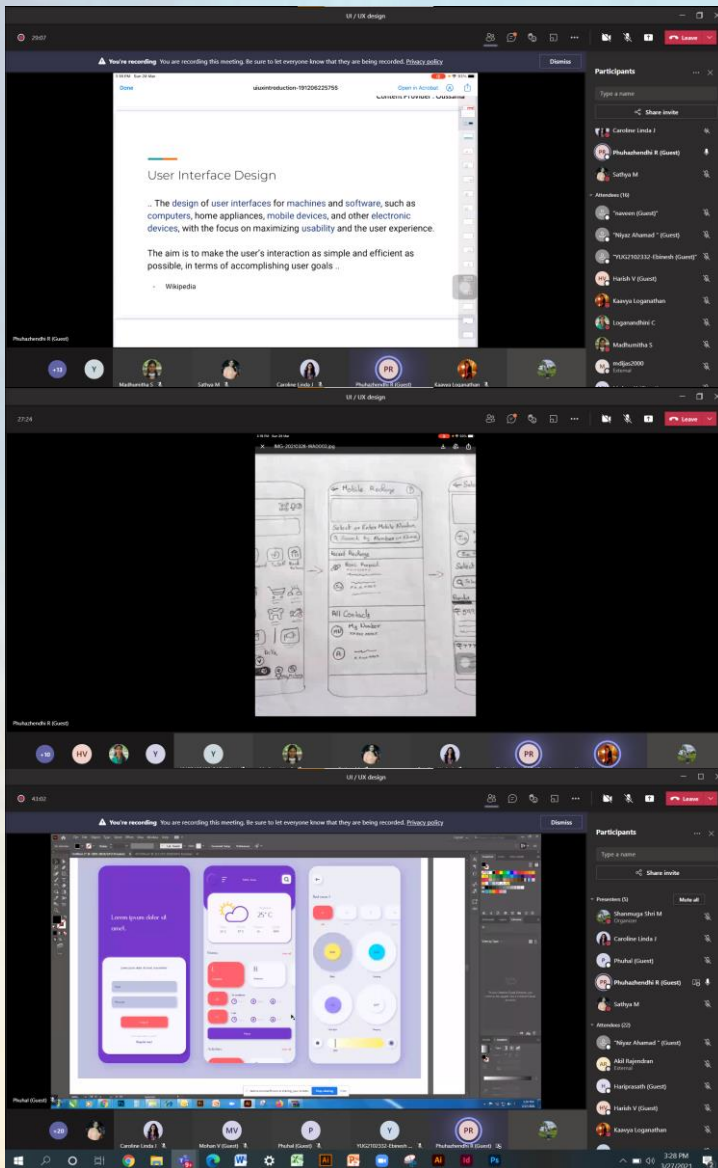
Student Co-Ordinator's
Ms.S.Anu (3rd Year FT)
Ms. M.Shanmuga Shri (2nd Year FT)

Student's Corner

UI/UX DESIGN WORKSHOP (27.03.2021 – 28.03.2021)

Objective of the workshop:

This workshop gives more insights on how UI/ UX play a major role in focusing on maximizing usability and the user experience. Also includes UI/UX design methodologies currently used for the design and development of online digital services.



Description:

This workshop was conducted by an experienced designer for 2 hours. The main focus of this workshop was to give the basic and give more insights on how UI/ UX play a major role in focusing on maximizing usability and the user experience.

In the first session of day 1, the User Experience Design (UX) was taught to the participants by Mr. Phuhazhendhi. Market Analysis, Requirement, Interface Interlink, Scribbled and Wireframe were discussed and a home activity was given by the guest. In the first session of day 1, the User Interface Design (UI) was taught to the participants for an hour. Wireframe, Layout, Visual design, Branding were discussed and doubts were cleared by the guest.

Outcome: The participants were able to get a clear knowledge on UI/UX Design in basic and moderate level, and many standard examples were shown.

Date: 27.03.2021 – 28.03.2021
Time: 3-4 pm
Venue: MS Teams
Club/Dept name: Fashion Technology
Domain: UI/UX
Chief Guest/Judge: Mr.Phuhazhendhi R
Profile/Designation: Fashion & Textile Designer
Student Coordinators: Ms.Shanmuga Shri M , Ms.Sathya M
Faculty Coordinator: Dr.Prabu K

TRENDZ 2021 - Virtual fashion show (03.03.2021)

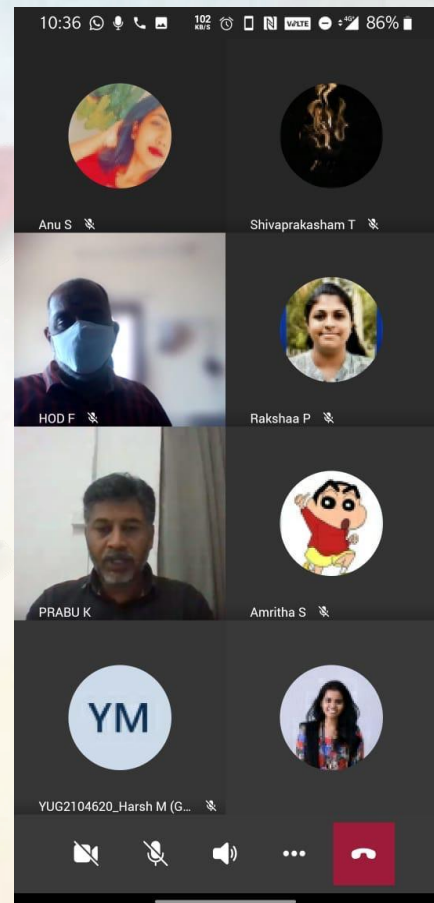
Objective of the event:

A platform where one can express their designer ideas and flaunt it in the ramp. The event is a fashion show which involves a fashion designer and a model, where the designer will design costume for the model and the model will walk down the ramp with the costume.



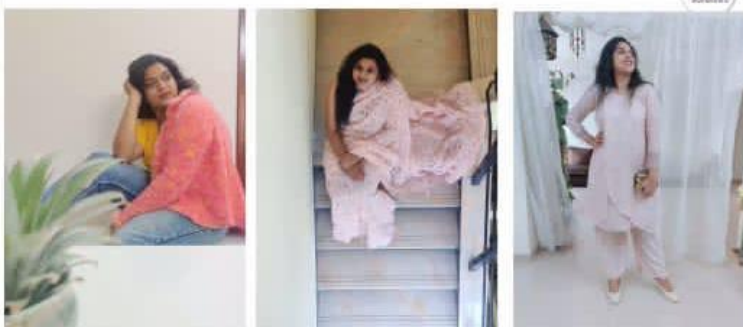
Summary of the event

This virtual fashion show is an event in which the fashion designers can showcase their constructed garment. This virtual fashion show is a chance for a designer to show off a particular aesthetic, a particular mood, a particular feel, or point of view. As a result, this event tends to be more conceptual and focused on a higher-level idea. Participants were asked to submit their works of mood board, vision board and their final designed attire's picture through google forms. The google forms were circulated weeks before the event for the submission. Also, the posters were shared to various colleges/institutions. Through this event participants gained an experience on how to work on their own mood board, vision board also how to construct their own garment. The judgement was based on how much effort the participation has put from the scratch like the theme of the whole work, concept of the mood board, vision board and minute Details of the constructed garment. Also, how perfect they have constructed their garment. They got the opportunity to do some professional photo shootings that will enrich their portfolio. The participants got a place to showcase their own works. It also gave exposure to the participants on various trends and styles of clothing. More than 40 participants participated in this virtual fashion show from all over Tamilnadu.



Date:	03/03/2021
Time:	10.00 am - 11.30 am
Venue:	Microsoft teams
Club/Dept name:	Fashion technology
Chief Guest/Judge:	Ms.Surtika M
Profile/Designation:	Graphic designer
Student	Ms.Rakshaa P
Coordinator:	
Faculty Coordinator:	Dr.K.Prabhu

FINAL WORK



Workshop on Design Thinking, Critical Thinking & Innovation Design (26.06.21)

Workshop on Design Thinking Critical Thinking & Innovation design

Saturday, 26 June 2021 | 10.00 am to 3.30 pm



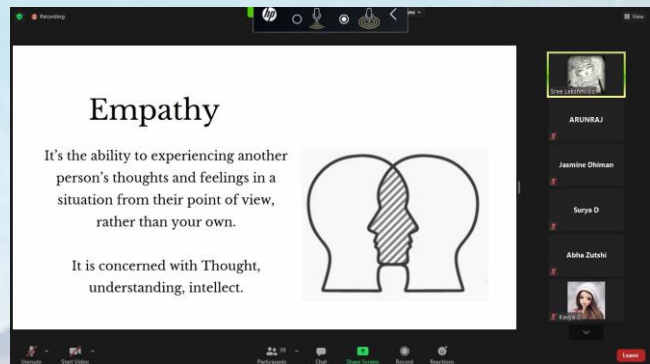
Ms. Sreelekshmi S S
Product Designer
M. Des (NIFT)
Kerala, INDIA

Key Takeaways

- Design thinking Context, Practice
- Creating the Framework -Design Synthesis Approaches
- Critical thinking in Design process
- Innovation in Product design

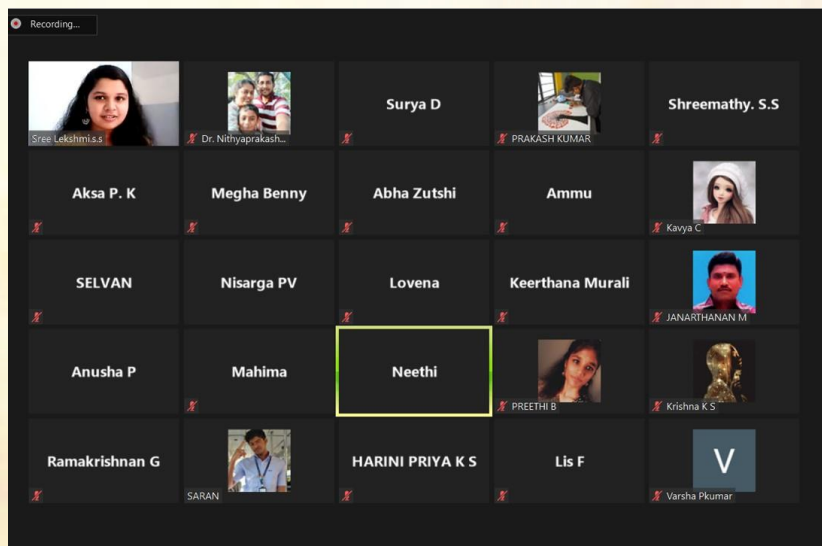
Objective of the event:

This workshop gives more visions on Design Thinking, Critical Thinking & Innovation on fashion design. The students can learn the need of innovation in design.

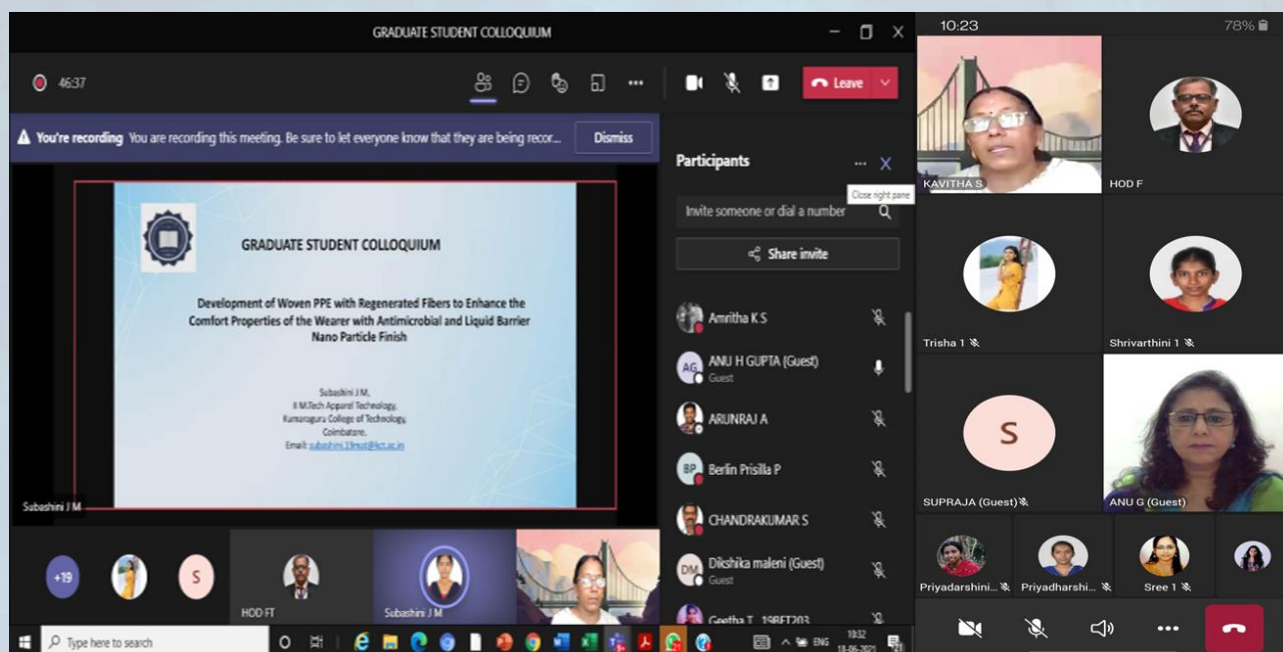


Summary of the event

Design thinking workshop was organized by Department of fashion Technology, Kumaraguru College of technology, Coimbatore. The workshop was handled by Ms. Sreelekshmi SS, qualified Masters in design graduate from NIFT. She is a budding product designer with several projects under her name. The Design thinking Workshop was organized on June 26th 2021. The workshop began with kickstarting the Design thinking process and a set of Activities for participants later followed up by Discussion on case studies and another set of activity in the forenoon session. The Afternoon session comprised of Discussion on Critical thinking, Activity and Innovation in design. The Workshop closed with highlighting key takeaways and Q & A session. The workshop was attended by around one hundred and twenty Student participants from different colleges and universities across the nation. And around four faculty participants.



Graduate Student Colloquium (18.06.21)



Objective of the event:

This Event gives more exposure on to the students on research paper preparation and presentation. can learn the need of innovation in design.

CHIEF GUEST

Dr. ANU H. GUPTA
Chairperson,
University Institute of Fashion Technology
and Vocational Development,
Panjab University, Chandigarh

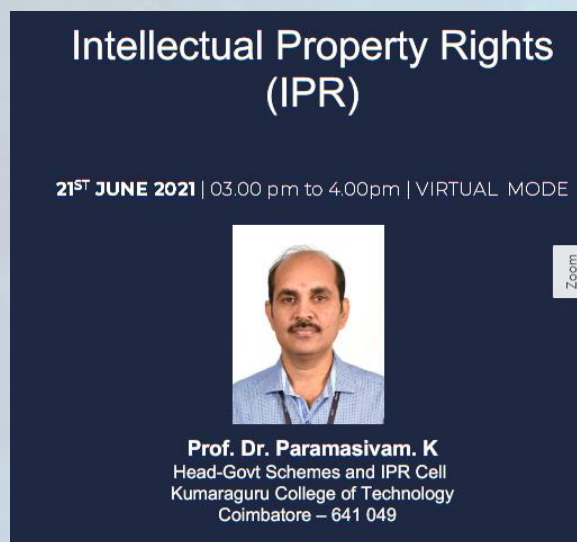


Summary of the event

Department of Fashion Technology organized "Graduate Student Colloquium" first of its kind event, from this year. The Colloquium aims to provide students, both under graduate and postgraduates, with the opportunity to present their research in preparation for presenting at conferences and submitting to journals.

At this event, students will be asked to present their work and Jury team will review their presentation. This will, not only be an opportunity for the students to practice presenting their work, but also a good time to workshop the papers in a supportive and intellectually engaging way. Here, this colloquium gives opportunity to present a review of an article (not authored by the student) in a peer-reviewed journal or to present summary of the student's research carried out during their final year capstone project, mini projects and engineering clinics.

3 PG students and 11 UG students presented their research work. **Dr,Anu H Gupta**, University Institute of Fashion Technology and Vocational Development, Panjab University,, Chandigarh was the chief guest for this event .Dr.G.Ramakrishnan, HoD and Dr.S.Kavitha co ordinated this event. Two gift coupons for Lucky draw winners were sponsored by Alumni.Ms.Haripriya who is running brand Roots. All participants were given E certificates.



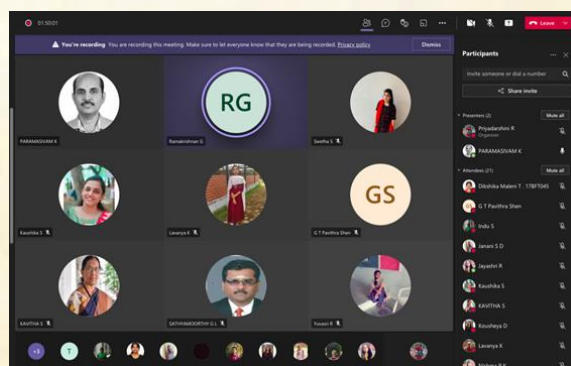
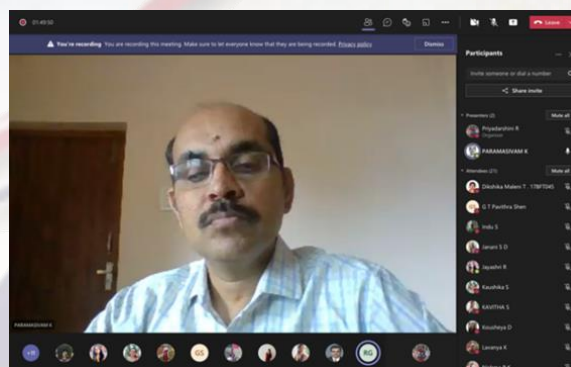
Objective of the event:

This Event gives more exposure on to the students on the different intellectual properties and the process of filing patents

Summary of the event

Online Session on "Intellectual Property Right (IPR)" on 21.06.2021 (3-4 pm) was convened by Dr. G. Ramakrishnan (Head-Dept. of Fashion Technology) and Dr. R. Priyadarshini (Asst. Prof., Dept. of Fashion Technology).

Intellectual Property Right (IPR) is offered as one of the topics under Dissemination of Research in the course entitled "Research Ethics" that is offered to current I year PG students of KCT. In order to create awareness among PG students about the different intellectual properties and the process of filing patents, this session on IPR was conducted through online mode. Prof. Dr. K. Paramasivam (EEE), Head – Govt Schemes and IPR Cell delivered the lecture and interacted with students. He listed the different types of IPs and elaborated on the process of filing patents for innovations in science and technology. There were about 40 students and 5 teaching faculty from KCT who benefitted from this session.



Student's participation

Student	Participated in	Detail
Ms.Anu (18bft038)	Workshop	Participated in specialized design thinking workshop, Coimbatore
Ms. Praseetha (18bft005)	Workshop	
Ms. Preethika (18bft022)	Workshop	
Mr. Vishnu.S (19bft26)	Event	HAYAVADANA show held on 27 march ,2021 at Stahaayi theatre ,Coimbatore
Ms. Aishwarya (18bft016)	Event	Brain master, Vivekanandha Institute of Information and Management Studies
Ms. Aishwarya (18bft016)	Event	.Treasure hunt, Vivekanandha Institute of Information and Management Studies
Ms. Aishwarya (18bft016)	Event	Connexion, Vivekanandha Institute of Information and Management Studies
Mr.Mageshwaran (18bft050)	Internship	Praveen knits, Tirupur
Ms.Anu (18bft038)	Internship	GMS processors, Tirupur
Ms.GeethaT(19BFT203)	Internship	My caption, Coimbatore
Mr.Anirudh.V (17bft026)	Internship	Hayagreevas fabrics private limited, Coimbatore
Ms.Berlin Prisilla (1st year FT)	Workshop	Digitization in fashion industry, The technological Institute of Textile and Sciences, Bhiwani.
Ms.FARZANA. N (1st year FT)	Event	National level virtual symposium "TECIDO 2k21"organised by department of textile technology , KSR college of technology, Tiruchengode held on 31 st May 2021
Ms.Geetha T 19BFT203	Event	They won 2nd prize in paper presentation in National level virtual symposium "TECIDO 2k21"organised by department of textile technology , KSR college of technology, Tiruchengode held on 31 st May 2021
Ms.Harini Priya.K.S 19BFT012	Event	
Prithiv K (15BFT038) & S. Suwesha Lakshmi (15 BFT041)	Event	First prize winners of Kovaikora Cotton Logo Design Contest, June 2021
Shanthini M (16 BFT034) & Punitha S (16 BFT 039)	Event	Special prize of Kovaikora Cotton Logo Design Contest, June 2021

Placements

We congratulate all the students selected in various companies. Our best wishes for their future endeavor's



17BFT008 - Ms. Nevika
(Cognizant - Information technology consulting company)



17BFT005 - Ms. Rakshana
(Pranera Services & Solutions Pvt. Ltd)



17BFT017 - Mr. Chanduru
(SCM garments)



17BFT009 - Ms. Lakshmi
(Advanced Clothing Concept)



17BFT013 - Ms. Aishwarya
(Advanced Clothing Concept)



17BFT016 - Ms. Nithyashree
(Advanced Clothing Concept)



17BFT022 - Ms. Siniithi
(Advanced Clothing Concept)



17BFT043 - Ms. Varsha
(Advanced Clothing Concept)



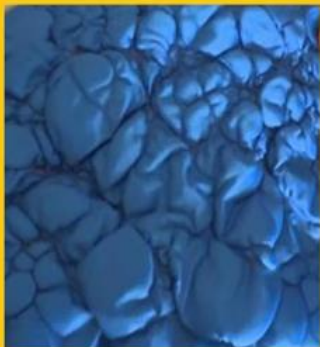
17BFT204 - Ms. Tharani
(Coimbatore cotton concepts)

Fried Fabric

This technique is all about changing the surface texture of the fabric using a heat gun with quick even movements.

Amazing bubbled effects can be created on the synthetic fabrics or scorched and burned patterns on natural fabrics.

This technique is also known "Steaming Method". It can be used to create textured fabrics for belts, sleeves and ornamentations



Yo Yo's



The ruched fabric rosette known as a yo-yo.

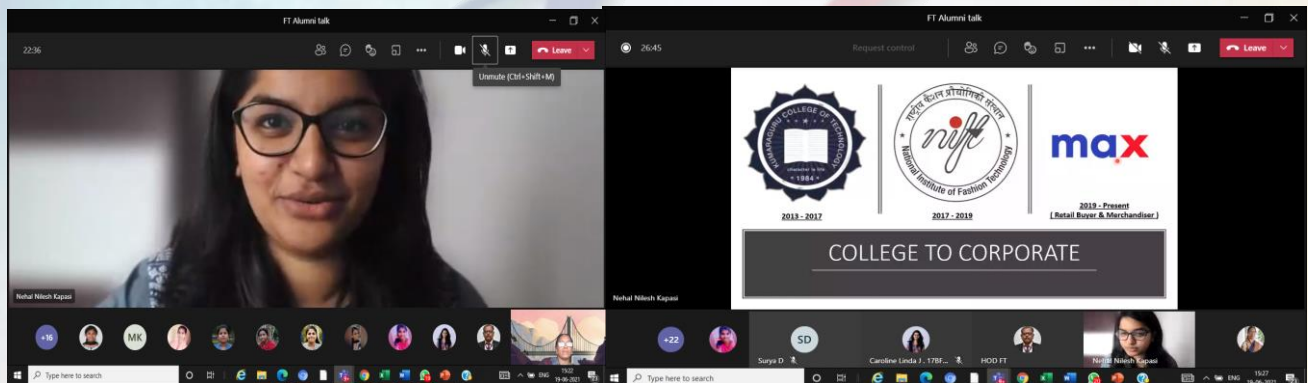
A yo-yo is produced by forming a fold on the edge of a fabric circle with a running stitch, and then pulling the thread to form a gathered round. It can then be combined with others to produce an "open-weave" quilt top, or used singly as an embellishment for three-dimensional appliqué. The Yo-Yo quilt was a popular style of quilt making in America from the 1920-40s.

Alumni corner



Career Opportunities in Retail Sector

An alumni talk meeting was organised on 19.6.2021 by Dr.G.Ramakrishnan, HoD and Dr.S.Kavitha, Alumni coordinator. Ms.Nehal Kapasi, 2013 B.Tech Fashion Technology is now working as Fashion Merchandiser, Max Fashions Head Office, Bangalore. She addressed the students on various opportunities in retail sector. She was interacting with students and answered the questions raised by second, third and final year students. The session was very useful to the students and more informative and interactive.



CAREER PROSPECTS FOR FASHION TECHNOLOGY STUDENTS

The screenshot shows a Zoom meeting window. On the left is a purple-themed poster for the 'STUDENT HUDDLE-TEXTILE SCIENCE' event. The poster features a woman in a green floral dress and text: 'Do join the huddle to get to know about the experience of working in a core company, and know the ways to get through it. Don't miss it!', 'Speaker: Nivetha P Batch 2020 B.Tech Fashion technology Working at Advanced Clothing Concepts', and 'DATE: 05.06.2021, SATURDAY TIME: 5.00-5.30PM'. The main Zoom window shows a video feed of Ms. Nivetha.P. The top bar of the Zoom window says 'Student's Huddle ft 08:27 32 attendees'. The bottom bar shows icons for mute, video, chat, and a red end call button.

An online interactive session on “Career Opportunities in Core companies” handled by **Ms.Nivetha.P** (2016-20 batch), Advanced Clothing Concept, Coimbatore.

Date: 05th June , Saturday 2021

Time: 5.00-5.30pm.

An online interactive session on “Value of Higher Education and their opportunities” handled by **Ms.S.Devishree** (2016-20 batch), Pursuing her Master diploma in fashion designing

Date: 29th May , Saturday 2021

Time: 5.00-5.30pm

The screenshot shows a Zoom meeting window. On the left is a purple-themed poster for the 'STUDENT HUDDLE-TEXTILE SCIENCE' event. The poster features a woman in a blue dress and text: 'Are you someone who wishes to do your masters , here is the huddle on doing higher studies and improving your illustration skills ! Do join', 'SPEAKER: S.Devishree B.tech FT Batch 2020 Master diploma in fashion designing', and 'DATE: 29.05.2021, SATURDAY TIME: 5.00-5.30PM'. The main Zoom window shows a video feed of Ms. S.Devishree. The top bar of the Zoom window says 'Student's Huddle ft 08:27 32 attendees'. The bottom bar shows icons for mute, video, chat, and a red end call button.

The screenshot shows a Zoom meeting window. On the left is a purple-themed poster for the 'STUDENT HUDDLE-TEXTILE SCIENCE' event. The poster features a woman in an orange dress and text: 'How to compensate both in curricular and extra curricular activities? And what are the things after placement? Get to know these in this huddle! Do join !', 'SPEAKER: Malavika Subramanian FASHION MERCHANDISER IN PENGUIN APPARELS PVT.LTD, MADURAI ALUMNI - BATCH 2020', and 'DATE: 08.05.2021, SATURDAY TIME: 5.00-5.30PM'. The main Zoom window shows a video feed of Ms. S.Malavika. The top bar of the Zoom window says 'Student's Huddle ft 08:27 32 attendees'. The bottom bar shows icons for mute, video, chat, and a red end call button.

An online interactive session on “How to compensate both in curricular and extra curricular activities?” handled by **Ms.S.Malavika** (2016-20 batch), Fashion merchandiser, Penguin Apparel Pvt Ltd, Madurai.

Date: 08th May , Saturday 2021

Time: 5.00-5.30pm

Programs organized in the department

TITLE OF THE PROGRAM	DURATION	
	From	To
Jamakalam product development weavers center bhavani	30.01.21	30.01.21
Handloom weaver certification	31.01.21	31.01.21
Inauguration of center for weavers bhavani	31.01.21	02.02.21
Troubleshooting and maintenance of sewing machines	29.03.21	31.03.21
Atmanirbhar bharat design for bhavani jamakalam	27.04.21	27.04.21
Impact of medical textile industry market post covid 19	10.03.21	10.03.21
Trouble shooting and maintenance of sewing machines	29.03.21	31.03.21
Webinar on impact of global medical textiles market post covid-19	27.02.21	27.02.21
Graduate student colloquium – online event	18.06. 21	18.06. 21
Alumni talk	19.06. 21	19.06. 21
Online workshop on Design thinking, critical thinking and innovation design	26.06. 21	26.06. 21
Online Session on “Intellectual Property Right (IPR)”	21.06. 21	21.06. 21
DAB Meeting	05.06. 21	05.06. 21



PMKVY/RPL/Handloom weaver training program

PMKVY RPL Training program on Handloom weavers for batches 9 and 10 were organized in the month of January 2021. The Certification ceremony was held on 3/3/2021 for batch 10. Executive Officer KCT, Mr G Muniasamy was the Chief Guest who distributed certificates. Dr G Ramakrishnan, Professor & Head, Fashion Technology and Dr B Poongodi, Asst Professor/KCTBS were the event Coordinators. Dr Mary Cherian, Head/KCTBS was also present.

Inauguration of Center for Weavers, Bhavani

The Centre for Weavers, Bhavani of the Kumaraguru Institution along with other partners envisions on a project to enhance the livelihood of the weaving community of Bhavani and reinvent the Jamakkalam to suit and be of relevance to today's use and vanity. The centre for Weavers, Bhavani is set up on the state highways of Sathy to Bhavani in Nachimuthupuram, Sakthi Nagar. The Centre for Weavers, Bhavani established in 30 January 2021 has set up a pit loom and has initiated experiments with Jacquard designs on Jamakkalam. Dr G Ramakrishnan, Professor & Head, Fashion Technology and Dr B Poongodi, Asst Professor/KCTBS were the event Coordinators.



Programs attended by faculties

Name of the Faculty	Topic/Title of the program	Duration	
		From	To
Dr. Ramakrishnan G	Leadership development program	January	March
Dr.S.Kavitha	3D printing and design	18.01.2021	22.01.2021
Dr.G.Rajkumar	To present TNSCST Project Proposal in front of Panel Committee Members	06.01.2021	06.01.2021
Mr.A.Arunraj	Online fdp on textile design	22.02.2021	26.02.2021
D.Bhaarathidhurai	Textile and Clothing	03.02.2021	07.02.2021
Dr.S.Kavitha	ICT Tools for Teaching, Learning Process & Institutes	15.03.2021	26.03.2021
Dr. K.Prabu	One week FDP on AICTE-ISTE sponsored Induction/Refresher programme on “Advance Ecological Techniques in Textile Chemical Processing for Sustainable Development” conducted by K.S.Rangasamy College of Technology, Tiruchengode.	23.04.2021	29.04.2021
Dr. Nithyaprakash V	Online fdp on textile design	22.02.2021	26.02.2021
Dr. Nithyaprakash V	Online fdp on creative thinking	16.03.2021	20.03.2021
Dr.S.Kavitha	Online Two Days workshop on building capability in academia for industry engagement.	29.01.2021	30.01.2021
Dr.S.Kavitha	Webinar on Implementation of National education policy 2020 in association with Shiksha Sanskriti Utthan Nyas (SSUN)	30.01.2021	30.01.2021
Dr.S.Kavitha	International virtual seminar on textile industry and covid-19.	04.01.2021	12.01.2021
Mr.A.Thambidhurai	Webinar on Nano Fibre Manufacturing	03.02.2021	05.02.2021
Mr.A.Arunraj	Webinar on Nano Fibre Manufacturing	03.02.2021	05.02.2021
Dr.K.Prabu	Webinar on Nano Fibre Manufacturing	03.02.2021	05.02.2021
Mr.A.Thambidhurai	Webinar on Entrepreneurship	11.02.2021	11.02.2021
Mr.A.Thambidhurai	Webinar on 3D Printing Technology	19.02.2021	20.02.2021
Mr.A.Arunraj	Webinar on Entrepreneurship	11.02.2021	11.02.2021
Mr.A.Arunraj	Webinar on 3D Printing Technology	19.02.2021	20.02.2021
Mr.A.Arunraj	Webinar on Innovation recron polyester staple fibre	29.03.2021	29.03.2021
Mr.A.Arunraj	Webinar on Material characterization	02.03.2021	02.03.2021
Mr.A.Thambidhurai	Webinar on Material characterization	02.03.2021	02.03.2021
Dr.K.Prabu	Webinar on Material characterization	02.03.2021	02.03.2021
Mr.Chandrakumar.S	FDP on Apparel Design. Sponsored by ATAL - AICTE. Organize by. Northern India Institute of Fashion Technology (NIIFT) Ludhiana, Punjab State.	07.06.2021	11.06.2021
Dr.G.Rajkumar	Engineering optimization techniques and its applications	14.06.2021	18.06.2021
DR.V.Krishnaveni	One Week Faculty Development Program “Augmented Reality and Virtual Reality”	21.06.2021	26.06.2021
Mr.Chandrakumar.S	Webinar on Mental Well-Being Session titled Finding Your Calm amidst Chaos. Organized by Civil dept, KCT	08.06.2021	08.06.2021

Research Activities

BOOK PUBLICATION

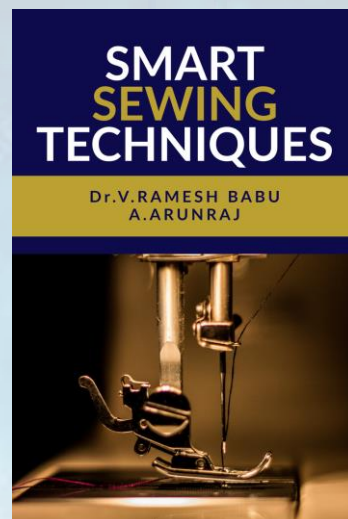
SMART SEWING TECHNIQUES

Authors : Dr.V.Ramesh Babu & Mr.A.Arunraj

Publisher : Notion Press; 1st edition (27 February 2021)

ISBN-10 : 1638329702

ISBN-13 : 978-1638329701



PAPERS REVIEWED

Dr. RAMAKRISHNAN G

- "Gauging Performance of biosynthesized Silver nanoparticles loaded Polypropylene Nonwoven based Textile electrodes for 3-Lead Health Monitoring Electro Cardiogram on Analogous system" Journal of Industrial Textiles
- "Gauging Performance of Textile electrodes fabricated from conductive PP Nonwoven@ AgNPs/Ocimum Sanctum, for 3-Lead Health Monitoring ECG on Analogus system" Journal of Industrial Textiles
- "Moisture management properties of cloth masks produced by MSMEs against COVID-19" , Textile Research Journal.

PROJECT PROPOSAL SUBMITTED

- REVIVE JAMAKKALAM, UPLIFT HANDLOOM WEAVERS ! Project Proposal Submitted To The Assistant Director of Handlooms and Textiles, Erode by Dr.G.Ramakrishnan & Dr.B.Poongodi for 23.75 lakhs on 16/5/2021
- Proposal on TRAINING ON PRODUCTION OF SUSTAINABLE SANITARY NAPKINS FOR RURAL WOMEN submitted to Tamilnadu Rural Transformation project, Department of Rural development and Panchayat Raj on 10/6/2021
- Proposal submitted to Tamilnadu Skill Development Corporation for making KCT as Training Partner in the TSC - RPL certification for TN Domiciles on 16/1/2021

PATENT HEARING

- Dr Ramakrishnan G Professor & Head/ Fashion Technology with reference to the reply to the First examination Report/Subsequent Examination Report for the patent filed titled Low weight Handloom Jacquard hooks attended a Hearing U/S (14) that has been scheduled in the matter through Video Conferencing on 08/04/2021 at 14:00 HRS(IST) for (45 Mins) .

Research Activities

Journal Publication

Dr G RAMAKRISHNAN et,al

- Paper titled Kenaf A Promising way into Sustainable Textiles Environment Development of Kenaf Cotton blended yarn and Fabrics for sustainable Textiles was published in International Research Journal of Engineering and Technology, Vol 8,Issue 4,pp 5139 to 5145 April 2021

Dr.G.RAJ KUMAR

- Chacterization of Mechanical Properties of Blended Yarn Developed from Anti-Microbial Viscose and Bamboo Fibers for PPE Suit
- Sustainable finishes for healthcare apparels

Dr.V.NITHYAPRAKASH

- Movement fit design aspects of bicycle shorts

Dr.S.KAVITHA

- "IOT- enabled electronic nose for fragrance measurement of textiles/International Journal of Innovative Science and Research Technology(IJISRT)/Volume 5, Issue 120PP1232-1235

Dr.V.KRISHNAVENI

- Efficacy of antimicrobial coating on banana cotton fabric using senna tora extract for healthcare applications, world journal of advance healthcare research-volume: 5
- Samyuktha Gandhi 17BFT022, Srinithimurugaraj 17BFT011 And Cibirandhan 17BFT038, Dr.V.Krishnaveni "Development Of Non -Woven Disposable Sweat Pad Fabrics For Protective Applications, World Journal Of Advancehealthcare Research,issn: 2457-0400volume: 5.Issue: 3.Page N. 545-550year: 2021"

Mr.A.ARUNRAJ

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Research Activities

REVENUE GENERATED FROM CONSULTANCY

Name of the Faculty-consultants	Name of the facility used	Name of consultancy project	Consulting / Sponsoring agency with contact details	Revenue generated (Amount in Rs.)
Dr.S.Kavitha	Areca fibre opening machine	Fibre processing	Ms.Pearly , Research Scholar, Bhrathiyar University	1426

PATENT

Applicant's Name	Inventor's name	Title	Patent Status
Dr. Ramakrishnan G	Ramakrishnan g and kannan jacquards	Low weight modified jacquard,	Published 201941008025/01/03 /2019

INSTITUTIONAL FUND AS SEED MONEY TO FACULTY FOR RESEARCH

Name of the Faculty	Amount of seed money	Duration of the grant	Nature of activity	Outcome of the activity
Dr. Ramakrishnan G	150000	5 Years (Jan 2021)	Project Jamakalam Development	Improving Livelihood of Bhavani weavers

AWARDS RECEIVED BY FACULTY

Dr.G.RAMAKRISHNAN

- INSA TEACHERS AWARD by INDIAN NATIONAL SCIENCE ACADEMY (April 2021)
- Dr G Ramakrishnan, Dr B Poongodi, Dr C Velmurugan and Dr Mohamed Zakriya received the National Societal Innovation Award , for the innovation / invention “Low Weight Modified Jacquard for Handloom Weavers”from National Research Development Corporation (NRDC/Ref NRDC/PA DIV/2020). Cash Prize of Rs 3.00 Lakhs were distributed to the team and as required a short video of our invention was submitted to NRDC on 23/3/2021.

INTERACTION WITH OUTSIDE WORLD

Dr.G.RAMAKRISHNAN

TNRTP presentation (10-06-2021)

Crafts council of India meeting (21-06-2021)

YUKTI 2.0

Dr G Ramakrishnan, Professor & Head/ Fashion Technology submitted Innovation Declaration form under YUKTI 2.0 on 26/4/2021 a MoE Innovation Cell(MIC), Govt. of India has initiated flagship programme for promoting IPR and commercialization. This is unique opportunity to have industry connect and funding for the filed patents.

VALUE ADDED COURSE

- Photography for Interior handled by Mr. Chandrakumar.S ,Asst Prof (Sr.G) for 2018-22 batch students from 25.03.2021 to 26.04.2021.

ACCREDITATION STATUS of FASHION TECHNOLOGY

- Department of Fashion Technology was granted extension of Accreditation for one year upto 30/6/2021 as per the intimation received from NBA on 11/6/2021. In the meantime, to avoid the gap in the period of accreditation beyond 30-6-2021, it has been decided by NBA to consider accreditation of Fashion Technology for one year beyond 30-6-2021 based on the programs meeting the pre-qualifiers. As per instructions received from NBA, Fashion Technology Department submitted Pre qualifier in the required prescribed format with requisite fee to NBA on 18/6/2021. Department of Fashion Technology is required to apply afresh in the new SAR document for accreditation of the above program. The application may be submitted online on e- NBA portal by 31st December, 2021.

Superannuation



Dr.R.Shanthi

We thank **Dr.R.Shanthi** for all the guidance and support that she have provided to the department over the years. We wish the best for her on retirement.



PEO, POs, PSOs

Program Educational Objectives

Graduates of B.Tech (Fashion Technology) will be able to

- PEO I** Excel in their professional career related to fashion, design, manufacturing, management and research
- PEO II** Identify problems in the apparel domain and provide techno- economic solutions focusing on the need of the industry and society.
- PEO III** Imbibe awareness on the significance of professional and social ethics in their professional career.

PROGRAM OUTCOMES

Engineering Graduates will be able to:

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

(B) PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO-1: Apply apparel domain knowledge to provide techno-economic solutions to industrial requirements

PSO-2: Develop sustainable and ethical apparel products and processes to meet the diversified needs of the apparel industry

ABOUT THE DEPARTMENT



‘Trend’, ‘Vogue’, ‘Fashion’, by whatever word you call it, is one word which has people behind it and has a telling effect on the word ‘era’ as far as clothing and grooming is concerned. Understandably, the Department of Fashion Technology was constituted in the year 2002 and is the first in the country to offer B.Tech. Fashion Technology programme, M.Tech. Apparel Technology and Ph.D. programme under Anna University Chennai. The objective of the department is to equip the students with core competencies and skills in Clothing Technology and Fashion and hone them as competent professionals for the Apparel and Fashion Industry.

Courses Offered

- UG – B.Tech Fashion Technology
- PG – M.Tech Apparel Technology
- Ph.D Programme

The Department offers a comprehensive array of courses that encompass the undergraduate, postgraduate and doctoral levels. The Department faculty brings their expertise to bear on a wide variety of areas in fashion and apparel technology.

ABOUT KUMARAGURU COLLEGE OF TECHNOLOGY

Kumaraguru College of Technology (KCT), Coimbatore is a private Engineering College started in 1984 under the auspices of Ramanandha Adigalar Foundation, a charitable educational trust of Sakthi Group. Situated in a sprawling 156-acre campus in the IT corridor of Coimbatore, KCT is an autonomous institution affiliated to the Anna University, Chennai and approved by All India Council for Technical Education (AICTE). KCT has been accredited by National Assessment and Accreditation Council (NAAC) with Grade 'A' and all the eligible UG programs have also been accredited by National Board of Accreditation (NBA).

The able guidance and patronage of Arutselvar Dr. N.Mahalingam, Founder, Sakthi Group along with the efficient administration of Dr.B.K.Krishnaraj Vanavarayar, Chairman, the resourcefulness of Sri. M.Balasubramaniam, Correspondent and the foresightedness of Sri. Shankar Vanavarayar, Joint Correspondent have equipped the college with excellent facilities such as spacious classrooms, seminar halls, well-equipped laboratories, excellent sporting amenities, dedicated high-speed internet connectivity (broadband) and well-qualified faculty.



CHARACTER
IS LIFE

CONTACT



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KUMARAGURU
Institutions

Happy New year 2021



**“ Fashion is the armor to survive
the reality of everyday life”**

**We thank to all Faculties, Supporting Staffs, Students and
DA Team who contributed towards this beautiful outcome!**