



KUMARAGURU
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TRENZETTER

NEWSLETTER FROM THE
DEPARTMENT OF FASHION TECHNOLOGY

EDITORIAL TEAM

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FROM THE EDITOR'S DESK

Established in the year 2002, Department of Fashion Technology is now a 20-year old department offering undergraduate and post graduate technology courses in the Fashion and Apparel domains. We are happy and proud of our alumni who are successful in their careers as administrators, technologists, entrepreneurs, academicians, etc. Our current students are also highly motivated, energetic, creative and perseverant in achieving their goals and also in earning recognitions and laurels from various curricular and extra-curricular activities. Trenzetter, the newsletter from the Department of Fashion Technology, is released periodically to showcase and introduce our young talents to the world that lies beyond our circle. Trenzetter also exhibits the expertise of our faculty members both in academics and research. I take immense pleasure and pride to be a part of this versatile community of students, alumni and faculty members who all have played significant roles in the evolution of the Department of Fashion Technology, KCT.

Thank you!

CONGRATULATIONS TO ALL TEAMS OF KCT!

Kumaraguru College of Technology, Coimbatore has won **First Place** w.r.t Other Engineering Colleges Category at the CII Industrial Innovation Award 2021.

The team consisted of Educators, faculty members from R&D Team, IPR cell, IIC, Department IIC coordinators, Forge, RIC, KCIRI, LC etc. The innovators defended the technical queries during the evaluation held on Nov 8th, 2021. An overall Team effort from all stakeholders has achieved an important milestone in the Innovation ecosystem of the Institution.

Congrats to the entire Faculty members, educators, students and all the coordinators. Without all your support and active participation, we could not have achieved. We thank our management for all the support.

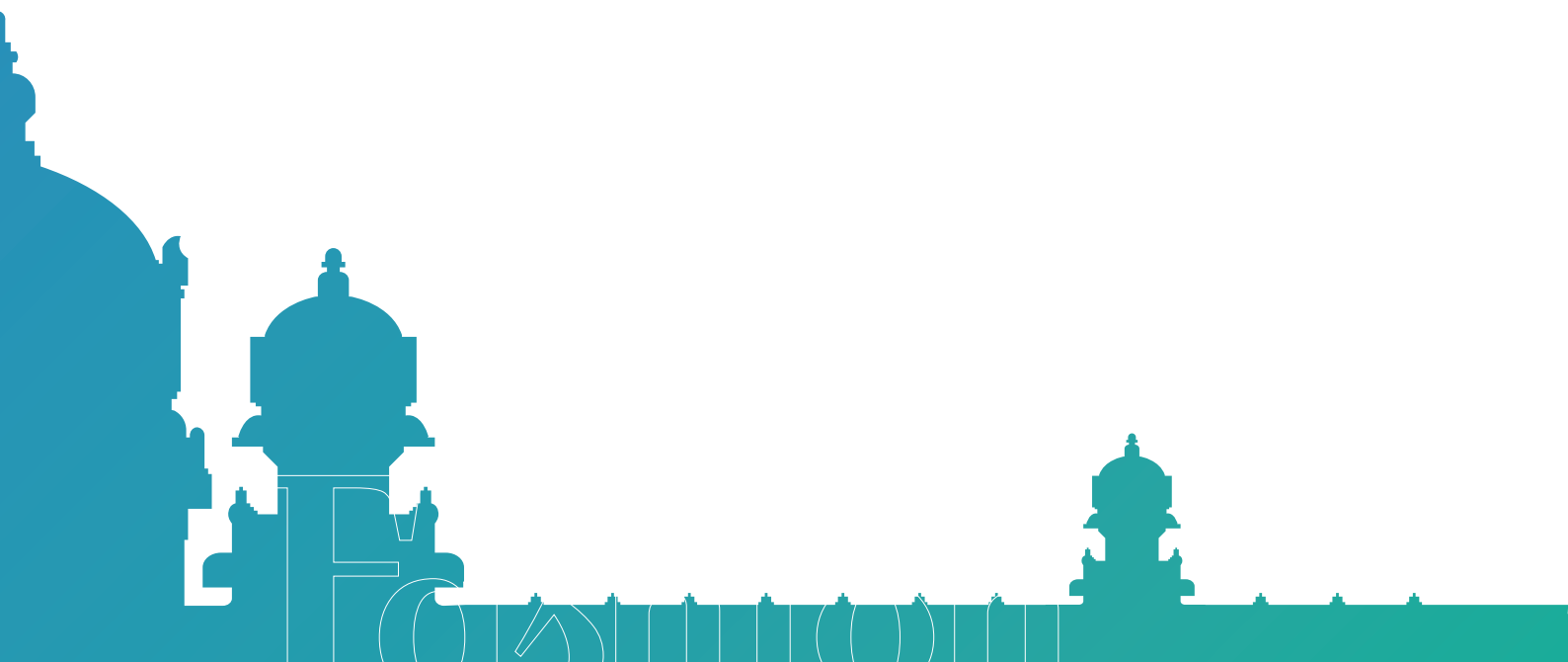
We have submitted the best innovative products from KCT to CII for E-compendium publication. Only four Innovative products were limited in e-compendium.

The list of Innovative products submitted are as follows:

- 1. Eco-friendly sanitary napkins from natural Fibre- Dr. G. Ramakrishnan- HoD/FT and Team members.**
- 2. Low Weight Modified Jacquard for Handloom Weavers- Dr. G. Ramakrishnan - HoD/FT and Team members.**
3. Autonomous Multifunctional Agricultural Robotic Platform (i-farmer)- Dr. S. A Pasupathy HoD/ ECE and Team members.
4. A DOCTOR TO BE (ADTB)- Mr. S. Kailash- Student/ MC

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ACADEMICS

PROGRAMME ASSESSMENT COMMITTEE (PAC)

PAC Meeting was convened on **29th November 2021** by PAC Co-ordinator Dr. V Krishnaveni (ASP/FT). PAC meeting was Chaired by Prof. Dr. G Ramakrishnan (HoD/FT) and in the presence of Prof. Dr. Vinohar Stephen Raphael, (Head/DoA) and Prof. Dr. P S Mayurappriyan (Head/NBA Accreditation). Module co-ordinators, BoS Co-ordinators and DAB co-ordinator, Faculty Members and student representatives of Department of Fashion Technology participated in the discussions. The Module Co-ordinators, respectively, from the modules of **Fashion Design** (Dr V Nithyapraskash/ASP), **Apparel Technology** (Dr. S Kavitha S/AP) and **Apparel Management** (Dr. K Prabu/AP), presented on the attainment level and practices to improve the attainment in the courses under each module. Feedback on the curriculum obtained from alumni and students of Fashion Technology were also presented and discussed.

DEPARTMENT ADVISORY BOARD (DAB)

DAB Meeting for the discussion of the curriculum and syllabus of UG and PG programmes offered by Department of Fashion Technology was held on **04th December 2021**. The panel comprised of experts, faculty members, Alumni and student representatives to suggest changes in the curriculum & syllabus, course delivery and assessment methods, infrastructure for attainment of Program Outcomes of existing and new courses, if any, for the academic year 2022-23. The experts present in the discussion were:

- **Dr. Ketankumar Vadodaria**, Associate Senior Faculty, Textile Design, National Institute of Design, Ahmedabad.
- **Dr.Prabhuraj Venkatraman**, Senior Lecture in Textile Technology and Research Degrees Coordinator, Manchester Fashion Institute, Manchester Metropolitan University, UK.
- **Dr.D.Samuel Wesley**, Professor, Department of Fashion Technology (Apparel Production), National Institute of Fashion Technology (NIFT), Chennai.
- **Mr.K.Senthil Kumar**, CoE, Advanced Clothing Concepts, Coimbatore.
- **Mr. K.S.Shankararaagavan**, Joint Director & Head, Center of Excellence-Apparel, Made-Ups & Home Furnishing Sector Skill Council (AMHSSC).
- **Mr.Sachin Pulsay**, Society of Dyers and Colorist (SDC).
- **Mr.Sathish Kumar**, Managing director, Innnotex Material Pvt Ltd, Coimbatore.

BOARD OF STUDIES (BOS)

BoS Meeting was conducted on to discuss the syllabus and curriculum of UG and PG programmes offered by the Department of Fashion Technology. The panel members were:

- **Dr. P.Kandha Vadivu**, Anna University Nominee, Professor and Head, Department of Fashion Technology, PSG College of Technology, Coimbatore.
- **Dr. Abhijit Majumdar**, Professor, Department of Textile and Fibre Engg., Indian Institute of Technology-Delhi.
- **Dr.Prabir Jana**, Professor & Head Research, National Institute of Fashion Technology Hauz Khas, New Delhi.
- **Mr. Shailendra KR Nigam**, Deputy General Manager, Jay Jay Mills, Tirupur.
- **Dr.Ketankumar Vadodaria**, Associate Senior Faculty, Textile Design, National Institute of Design, Ahmedabad.

- **Mr.A. Sethu**, Managing Director, Master Linens Inc., Karur.
- **Dr. N.Saraswathy, Professor**, Department of Bio Technology, Kumaraguru College of Technology, Coimbatore.
- **Ms. R. Niveda**, Alumni Member-PG, Founder and Director, Bliss Natural Pads Coimbatore.
- **Ms. S.Keerthi**, Alumni Member-UG, Store Manager, H& M Pvt Ltd., Coimbatore.
- **Madhumithaa. N**, Angeline Sugiritha. R, Affincy. SR & Thilakavathi. P - Students from Final year UG /Final year PG, Department of Fashion Technology, KCT.



STUDENTS' ZONE

WORKSHOPS CONDUCTED

Date	Name of the event/workshop	Type of the session	Resource person	Number of participants
17.10.2020	Session 1-dream catcher	Workshop	Madhumitha	100
19.10.2020	Session 2 – acrylic painting	Workshop	Sahana n k	120
22.10.2020	Session 4 – digital art using adobe draw	Workshop	Shivani Chudasama	110
24.10.2020	Session 5- fitness and nutrition	Workshop	Kushal Singh	80
25.10.2020	Session 6- portrait and sketching	Workshop	Jeevashruthi	80
26.10.2020	Session 7- fashion illustration	workshop	Varsha Thangaraj	80
28.10.2020	Session 8- art with dots	workshop	Vinusri jothimani	75
30.10.2020	Session 9 – basics of makeup	workshop	Aashika	90
31.10.2020	Silk thread jewellery	Workshop	Maalavika subramanian	75
14.11.2020	Photogenic Diwali	Event	Valliappan karthick,	75
28.11.2020	Trash to treasure	Event	Anu B	55
14.01.21	Swatch plate	Event	Nivetha	40
18.10.2021	Coffee series	Event	Chandana s	70
03.12.2021	Aerfas	Session	Dr.K.Senthamaraikannan	100



STUDENT HUDDLE

Student huddle was conducted for the students, each session addressed by an alumni or student who shared their experience and knowledge

The image displays four posters for student events. The first three are for 'STUDENT HUDDLE-TEXTILE SCIENCE' and 'DEPARTMENT OF FASHION TECHNOLOGY'.

- Session 1:** Speaker: Nivetha P, Batch 2020, B.Tech Fashion technology, Working at Advanced Clothing Concepts. Date: 05.06.2021, SATURDAY, TIME: 5.00-5.30PM.
- Session 2:** Speaker: Malavika Subramanian, FASHION MECHANISER IN PENGUIN APPARELS PVT.LTD, MADURAI ALUMNI - BATCH 2020. Date: 08.05.2021, SATURDAY, TIME: 5.00-5.30PM.
- Session 3:** Speaker: S.Devishree, B.Tech FT Batch 2020, Master diploma in fashion designing. Date: 29.05.2021, SATURDAY, TIME: 5.00-5.30PM.

The fourth poster is for a **MANDALA WORKSHOP ALERT!!** by MADHUMITHA V ISE-2022 3RD YEAR. Date: 22/05/2021 TIME: 5PM. Materials required: PAPER, ANY GEL OR BALL PEN, SIMPLE WATER COLORS (OPTIONAL), PENCIL, ERASER, COMPASS.

SWATCH PLATE

The poster for the Swatch Plate competition includes a 'CONCEPT NOTE' and a 'Design template to use for swatch plate'. Submission accepted from 14th Jan to 17th Jan on the platform: google forms. Contact: JASPREEN N, 9600964463.

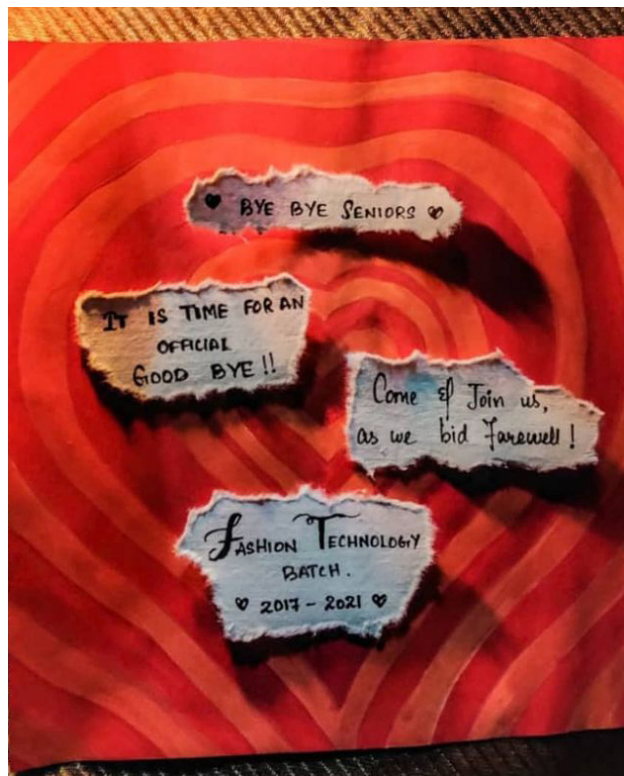
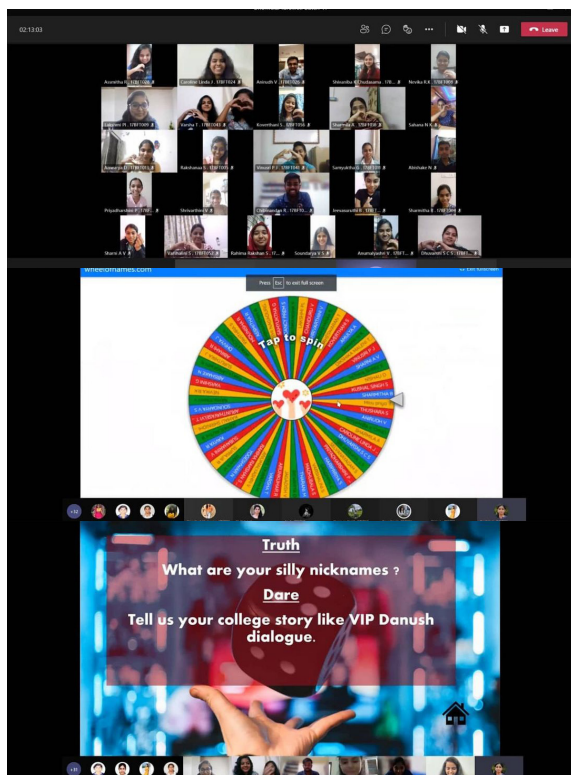
The poster for the Swatch Plate competition shows several dress designs. It includes the text 'We thank everyone for your' and 'SWATCH PLATE'.

UI/UX WORKSHOP

UI/UX workshop was conducted by an experienced Alumni as a part of yugam 2021.

The poster for the UI/UX design workshop is for 'KUMARAGURU YUGAM 2021' held on April 02, 03, 04. It is a virtual workshop. The title is 'UI/UX design'. The text asks: 'Do you aspire to become a UI/UX designer? Then join us in this workshop to deepen your knowledge of UI/UX, exclusively covering the concepts: How to maximize usability and enhance the user experience? Learn how to make designs which directly improve user experience? Learn UI-UX designing and know how to make a career in this field.' The dates are 27 - 28th March, 2021, from 3pm - 4pm. Registration fees are 300. Contact: 9043751524. The word 'Workshop' is at the bottom.

FAREWELL BATCH 2017-2021



3 DAY GRAM EVENT- SUMMARY OF THE EVENTS

The 3 Day Gram Event was a very fun event conducted by the Department of Fashion Technology. This event was conducted for 3 days on Instagram stories, where quizzes were conducted for 2 days and connections were conducted on the last day. The winners were announced based on their scores from all 3 days.

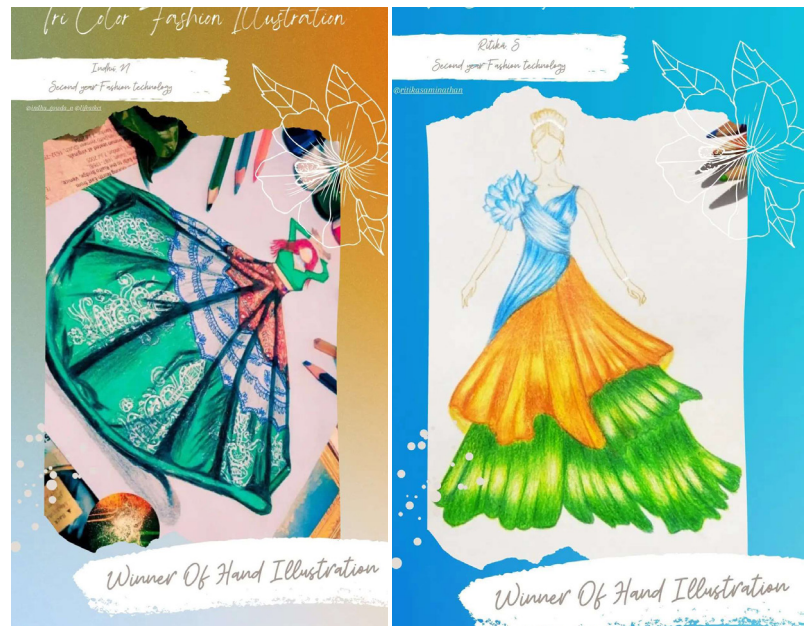


TRENDZ 21

TRENDZ '21 is a highlight event of Department of Fashion Technology. It is a Fashion styling competition as a part of Yugam 2021.

TRICOLOUR FASHION ILLUSTRATION

The event was organized to celebrate the Independence Day. The participants illustrated garment of their choice using tricolours of the flag.



TEACHER'S DAY CELEBRATION

This is the event celebrated to wish student's favorite teacher on their special day. The students are asked to screenshot their favorite teacher from the given pdf and send to them.

RAKSHABANDHAN SERIES

An Instagram poll series conducted on the day of rakshabandhan.



15 DAYS ILLUSTRATION CHALLENGE

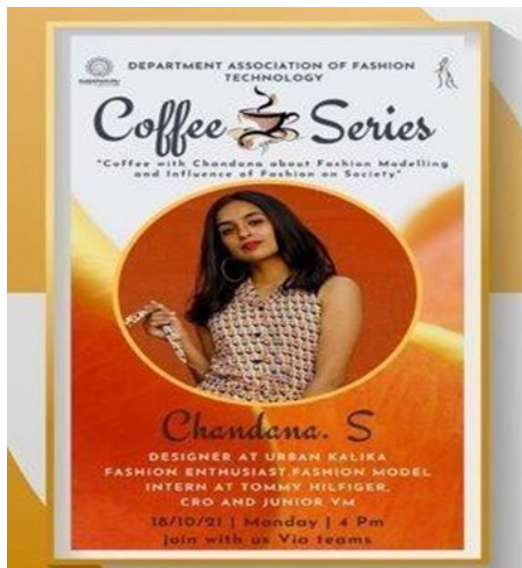
The event was organised during 5-27 September 2021. For 15 days, students prepared different illustrations and shared soft copy of their work to the FT Association. On the final day of the event, the selected participants were issued the Winner and Runner prizes. All the participants of the event were provided with e-certificate to appreciate their participation and efforts.



participants of the event were provided with e-certificate to appreciate their participation and efforts.

COFFEE SERIES

Coffee series were launched and the first session's guest was Chandana. A designer, a fashion enthusiast and a fashion model. She talked about fashion modelling and the influence of fashion on today's society.



TIME TO SHOWCASE

It was an event conducted virtually by the Department of Fashion Technology. This is the event where participants had to put together an outfit from their wardrobe and organize it with accessories and take a picture and submit it



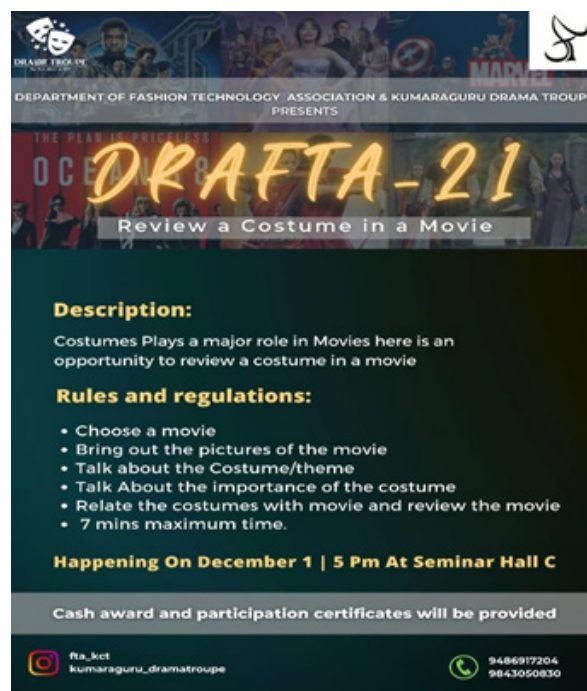
AERFAS

Aerfas for placements- Aerfas, an event that gave a detailed view of placements. Venue: seminar hall D



DRAFTA-21

Clothes make a statement, costume tell a story. Drafta-21, a costume reviewing event. Venue: seminar hall D



STUDENT ACHIEVEMENTS

Ms. Soundarya, Ms. Arunthavaselvi & Ms. Kamali (2017-2021 Fashion Technology) team participated in the following national level events as a team:

1. AICTE CHATHRA VISWAKARMA AWARDS 2021
2. INDIAN NATIONAL ACADEMY OF ENGINEERING (INAE 2021)- STUDENT PROJECT INNOVATION COMPETITION

Name of the Students	Event	Prize
Winner of SARTORIA'21- Sona College of Technology, Salem 04 - 05.10.2021		
Harini Priya K.S. Kaavya. L	Paper Presentation	II
Geetha T Sakthi Maheswari A	Poster Presentation	I
Trisha A	Technical Quiz	II

FACULTY CORNER

FACULTY AND STAFF – ACADEMIC YEAR 2021-22

1. **Dr G Ramakrishnan**, Professor & Head of Department
2. **Dr Bhaarathi Dhurai**, Professor
3. **Dr G Rajkumar**, Associate Professor
4. **Dr V Krishnaveni**, Associate Professor
5. **Dr V Nithyaprakash**, Associate Professor
6. **Dr S Kavitha**, Assistant Professor (III)
7. **Dr K Prabu**, Assistant Professor (II)
8. **Mr S Chandrakumar**, Assistant Professor (Sr.Grade)
9. **Mr A Arunraj**, Assistant Professor (II)
10. **Dr R Priyadarshini**, Assistant Professor (II)
11. **Mr A Thambidurai**, Assistant Professor (I)
12. **Mrs K Prema**, Junior Engineer
13. **Mrs R Krishnaveni**, Junior Engineer
14. **Mrs V Deepa**, Technical Associate
15. **Mr S Velusamy**, Technical Associate
16. **Mrs S Mary**, Technical Associate
17. **Mrs S Chandra**, Associate

FACULTY ACHIEVEMENTS

National Research Development Corporation (NRDC, An enterprise of DSIR, Ministry of Science and Technology, Government of India) bestowed the National Societal Innovation Award - 2019 to the team of faculty members **Prof Dr G Ramakrishnan**, Dr B Poongodi, Dr C Velmurugan and Dr Mohamed Zakriya for their innovation "Low-Weight Modified Jacquard for Handloom Weavers" with a reward of **Rs. 3** Lakhs and a citation which were issued in November 2021.

FACULTY PARTICIPATIONS

1. **Dr G Ramakrishnan**: AICTE MARGDARSHAN sponsored one week WORKSHOP on "Quality assurance in Technical & Higher Educational Institutions and Interpretation of requirements of NBA Accreditation" (Online Mode), 19-23 July 2021.
2. **Dr V Krishnaveni**: CII Online Training Programme: 4-day Workshop on "Enhancing Professional Effectiveness of Employees", 22-25 July 2021.
3. **Mr A Arunraj**: "Scope and challenges in manufacturing of PPE with reference to Face masks coveralls in COVID -19", 17 July 2021, organized by College of community and apparel sciences, Rajasthan.
4. **Mr A Arunraj**: Smart textiles for sensing application, organized by Department of Textile Technology, Kumaraguru College of Technology on 23 July 21.
5. **Dr S Kavitha**: "Quality assurance in Technical and Higher Educational Institutions and interpretation of requirements of NBA Accreditation", 19-23 July 2021.
6. **Dr G Ramakrishnan**: Panel Discussion on "Sustainable fiber value chain/recycling and processing" on 23 July 2021.
7. **Dr G Rajkumar**: "Scope and challenges in manufacturing of PPE with reference to Face masks coveralls in COVID -19", 17 July 2021, organized by College of community and apparel sciences, Rajasthan.
8. **Dr V Nithyaprakash**: FDP on "Fundamentals of AI" on 23 July 2021.
9. **Dr Bhaarathi Dhurai**: Workshop on "Quality assurance in Technical & Higher Educational Institutions and Interpretation of requirements of NBA Accreditation", 19-23 July 2021.
10. **Mr S Chandra Kumar**: FDP on "Textile Design" organized by ATAL-AICTE/Dr B R Ambedkar National Institute of Technology Jalandhar during 09-13 August 2021.
11. **Dr G Ramakrishnan** attended the Preliminary Meeting of Technical Textiles Experts Committee organized by Dept of Handloom and Textiles, Govt. of Tamil Nadu on 26 August 2021.
12. **Dr G Ramakrishnan**: Seminar on "3m science of fit/importance of fit in PPE", Dr.G.Ramakrishnan, 27 August 2021.
13. **Dr G Ramakrishnan** "SDC International Design Competition", 6 August 2021.
14. **Mr A Arunraj**: Guest Lecture on "Total protective Maintenance", 7 August 2021.
15. **Mr S Chandra Kumar**: FDP (AICTE-ATAL) on 'Soft Skills and Life Skills for Holistic Development', Organized by GRG School of Management Studies, PSGR Krishnammal College for Women, Coimbatore, during 06-10 September 2021)

- 16.Dr Bhaarithi Dhurai:** KLDA Workshop on “Effective research paper drafting for publication” on 18 September 2021.
- 17.Dr V Krishnaveni:** KLDA Workshop on “Effective research paper drafting for publication” on 18 September 2021.
- 18.Dr R Priyadarshini:** KLDA Workshop on “Effective research paper drafting for publication” on 18 September 2021.
- 19.Mr S Chandra Kumar:** KLDA Workshop on “Effective research paper drafting for publication” on 18 September 2021.
- 20.Mr A Arunraj:** KLDA Workshop on “Effective research paper drafting for publication” on 18 September 2021.
- 21.Dr V Krishnaveni:** Virtual International Conference on “Innovations in Textiles – Products and Processes” ITPP -21, during 2-3 September 21 organized by DKTE Society’s Textile & Textile Engineering Institute, Ichalkaranji.
- 22.Dr S Kavitha:** Training on “Spray Drying and Micro encapsulation” on 14 September 2021.
- 23.Mr A Arunraj:** Training on “Spray Drying and Micro encapsulation” on 14 September 2021.
- 24.Dr G Rajkumar:** Workshop on “Design and Implementation of Outcome based curriculum design and development” on 17 September 2021.
- 25.Dr V Nithyaprakash:** “Fundamentals Of Social Design”, Banaras Hindu University, Varanasi, during 17 May 2021 to 08 August 2021.
- 26.Dr R Priyadarshini:** 3-days hands on training in “Reverse Engineering by 3D-Printing Technology”, organized by PSG Institute of Technology and Advanced Research during 28-30 October 2021.
- 27.Dr G Rajkumar:** Workshop on “Open Science: A multifaceted framework to improve science and health outcomes”, organized by Research Academy, Elsevier on 29 October 2021.
- 28.Mr A Arunraj:** “Innovations and advancements in Technical Textiles” organized by Department of Textile Technology, KCT during 29 September 2021 to 01 October 2021.
- 29.Mr A Arunraj:** Six-day Online Faculty Development Program on “Recent Trends in Design of Experiments (DOE) and Optimization Techniques with Hands-on Training” organized by Department of Mechanical Engineering, SRM Institute of Science and Technology during 18-23 October 2021.
- 30.Dr Bhaarithi Dhurai:** DST SEED project entitled : Eco-friendly cost-effective silk dyeing technology rural women upliftment for Sirumugai weaving cluster - LPAC meeting on 29 October 2021.
- 31.Mr A Arunraj:** Seminar on “Elements of yarn costing and its control measures, organizing Textile Association of India (TAI) - South India Unit and Department of Textile Technology, KCT, on 21 November 2021.
- 32.Dr R Priyadarshini:** Hands-on Training in Mushroom Cultivation, organized by Kumaraguru Institute of Agriculture, Erode during 23-24 November 2021.
- 33.Dr G Rajkumar:** Workshop on “Entrepreneurship and Innovation as career opportunity” organized by KCT on 30 November 2021
- 34.Faculty members of Department of Fashion Technology** attended the discussion on “Textile Sector Skill Council interaction with Textile Institutes” on 02.12.2021.
- 35.Mr A Arunraj:** Faculty Development Program on Student Induction, organized by AICTE during 06-10 December 2021.
- 36.Dr R Priyadarshini:** Leadership Programme On Shaping Your Future organized by Department of Human Resources – KCT on 28 December 2021.
- 37.Dr G Ramakrishnan,** SITRA’S 33RD JOINT TECHNOLOGY CONFERENCE on 29 December 2021
- 38.Dr Bhaarithi Dhurai,** SITRA’S 33RD JOINT TECHNOLOGY CONFERENCE on 29 December 2021
- 39.Mr A Arunraj:** Management Development program on Better Industrial practices for improved productivity (Various Yarns for Denim Productivity) on 30 December 2021

PROGRAMMES ORGANISED

- 1. 23-25 July 2021:** Dr G Ramakrishnan, Convenor of International Conference on Materials Research in Science and Engineering (KMRSE’21).
- 2. 24 July 2021:** Dr R Priyadarshini, Co-chairperson for Session 3C “Composite Materials-II” in International Conference on Materials Research in Science and Engineering (KMRSE’21).
- 3. 07 August 2021:** Online Seminar on “Significance of skill development in improving livelihood of handloom weaver”, Shri T Rajkumar/Chairman/Textile Sector Skill Council, Shri J V Rao CEO TSC, Shri Thennarasu Director IIHT Varanasi. The session was convened by Dr G Ramakrishnan.
- 4. 07 August 2021:** “National Handloom Day” was celebrated. The day was felicitated by Smt. Priyadarshini, freelance designer & Ms. Surya, AD, Department of Handlooms and Textiles. The event was con convened by Dr. G. Ramakrishnan, HoD/FT.
- 5. 07 August 2021:** National Handloom Day UTSAV events were co-ordinated by Dr S Kavitha and Dr V Nithyaprakash
- 6. 21 August 2021:** EEE Seminar on “Social Compliance In Apparel Industry” by Mr. S.Palaniappan Regional Manager - Business Development Tradewind GmbH, Coimbatore. The event was co-ordinated by Dr G Rajkumar.
- 7. 21 September 2021:** Guest Lecture on “Introduction To Microprocessor And Micro Controllers”by Mr Saravanakumar/Assistant Professor and co-ordinated by by Dr.G.Ramakrishnan.
- 8. 24 September 2021:** Vallamai Thaarayo - Motivation through Experience Sharing, by Ms. Porkodi Selvaraj. The event was co-ordinated by Dr Priyadarshini R.

9. 05-27 September 2021: 15 Days Illustration Challenge by Dr K Prabu.

10.28 September 2021: Webinar on "Fashion design from industrial perspective" by Mr S Sudharsan, M.Tech FT (NIFT), Design Consultant/Freelance designer/Alumnus KCT. The event was co-ordinated by Mr S Chandrakumar and Dr G Ramakrishnan.

11. 04 October 2021: Guest Lecture on "Is your wardrobe robbing our planet?" - Implementing sustainability in a business model" by Mr Saravanan Parisutham, COO/Co-Founder, and Mr Ganesh Natarajan, Project Management Lead, Trustrace, Coimbatore. The event was co-ordinated by Dr R Priyadarshini and Dr G Ramakrishnan.

12.08 October 2021: Guest Lecture on "Latest in denim washes" by Mr Sachin Pulsay, Manager for washing and processing, M/s. Clothing Culture Ltd. The event was co-ordinated by Dr S Kavitha, Dr G Ramakrishnan & Dr Bharaathi Dhurai.

13.30 November 2021: Technical Webinar on "Sportswear Product Development: The ADIDAS Perspective" by Mr Sathish Kumar AD, Managing Director, Innotex Materials Private Ltd, Coimbatore. The event was co-ordinated by Dr G Ramakrishnan and Dr Priyadarshini R.

14.04 December 2021: International Webinar on "Textiles, Merchandising & Interiors at UGA: Department Highlights including Recent Advances in Research" by Prof Dr Gajanan Bhat, Dept. of Textiles, Merchandising & Interiors University of Georgia, USA. The session was co-ordinated by Dr G Ramakrishnan and Dr Priyadarshini R.

15.07 December 2021: International Webinar on "Current Sustainability Trends in Apparel Industry" by Dr. Siva Rama Kumar Pariti, Senior Technical Marketing Officer Sustainable Textiles Solutions - BluWin Ltd. United Kingdom. The session was co-ordinated by Dr G Ramakrishnan and Dr Priyadarshini R.

16.21 December 2021: IPR Awareness Webinar by Shri. Hariprasath P, Examiner Of Patents And Designs, Goi Patent Office, Chennai. The session was co-ordinated by Dr. V Nithyaprakash

RESEARCH

FUNDED PROJECTS

- i) Research grant of **Rs. 13,19,600** from AICTE – Research Promotion Scheme (RPS) for the project entitled "Inexpensive and novel adsorbents from coconut coir fibers for the removal of synthetic dyes from textile dyeing effluents". Principal Investigator: Dr.P.Ramalingam, Prof./BT and Co-Principal Investigator: Dr G Ramakrishnan, HoD/FT.
- ii) A grant of **Rs.12,50,000** has been awarded by Ministry of Culture- Government of India for the installation of an incubation centre, Atmanirbhar Bharat Centre for Design (ABCD) at Indira Gandhi National Centre for Arts (IGNCA), New Delhi.

PUBLICATIONS BY THE FACULTY

- i. **Krishnaraj Prabu**, Jaganathan Srinivasan & Chidamabaram Prakash (2021). Study of mechanical properties of optimised ceramic/glass fibre needle-punched nonwoven fabrics Part II: Stitch Bonding Technique. Journal of The Textile Institute, DOI: 10.1080/00405000.2021.1969157
- ii. Sundaresan, S., **Arunraj, A.** & Saktheeswaran, K. (2021). Testing of dust load in departments of textile spinning mill using a dust evaluator instrument. International Journal Of Advance Research And Innovative Ideas In Education. 7(1): 1517-1523
- iii. Poongodi, B., **Ramakrishnan, G.**, Monisaa, Tharani, S.K. (2021). Entrepreneurial Pursuits Of Weavers In Low Resource Handloom Industry. Turkish Online Journal of Qualitative Inquiry. 12(6): 1166-1181.
- iv. Sundaresan, S., **Arunraj, A.**, Ariharasudhan, S., Ragul, M., Yuvaraj, B. & Gopikrishnan, V. (2021). Siro yarn a critical review. International Journal Of Advance Research And Innovative Ideas In Education. 7(5): 547-556.
- v. Mothilal, B., Kubera Sampath Kumar, S., Prakash, C., **Ramakrishnan G** & Sivamani, S. (2021) Effect of Musa Acumianta SAP on Thermal Comfort Properties of Cotton Finished Fabrics. Journal of Natural Fibers. Doi: 10.1080/15440478.2021.1958438
- vi. Affincy, S.R. & **Ramakrishnan, G.** (2021). Eco Friendly Fly Repellent Finish On Cotton Fabric Using Vegetative Products. International Research Journal of Engineering and Technology. 8(7): 4283-4287
- vii. Thilakavathi, T. & **Ramakrishnan, G.** (2021). Development Of Organic Cloth Diapers With Disposable Coconut Coir Fibre Lining. International Research Journal of Engineering and Technology. 8(7): 4701-4705

- viii.Sundaresan,S., **Arunraj, A.**, Kavikumar, V., Amrithaa, RS., & Kalaiyarasan.A. (2021) Jamakkalam Fabric – A Critical Review. International Journal of Advance Research and Ideas in Education. 7(6): 501-506
- ix. Thilakavathi, T. & **Ramakrishnan, G.**(2021). Development Of A Sustainable Intimate Apparel With Unconventional Natural Fibre And Blends With Regenerated Fibre -Review Part I. International Research Journal of Engineering and Technology. 8(12): 1381-1385

PATENT

Patent-1

Applicant's Name: Dr. G. Ramakrishnan, HoD/FT, Dr. B Poongodi, Dr. C Velmurugan, Dr. G, Mohamed Zakriya, Ms. AR Mahalakshmi (M/s. Kannan Jacquard)
Title: Low weight Jacquard for Handlooms
Application No. & Patent Filed Date: 201941008024 | 01.03.2019
Patent Status: Granted on 07.07.2021
Details of collaboration: NIL

Patent-2

Applicant's Name: Dr. G Mohamed Zakriya
Inventor: Dr. G. Ramakrishnan, HoD/FT
Title: Jute Hollow Conjugated Polyester Fibre Non Woven Flexible Composite Padding Material
Application No. & Patent Filed Date: 201741043687 | 06.12.2017
Patent Status: Granted on 12.08.2021
Details of collaboration: NIL

Patent-3

Applicant's Name: Dr. G. Rajkumar (ASP/FT) & Dr. J. Srinivasan
Title: Multipurpose Thermal Resistant Oven Mitt
Application No. & Patent Filed Date: 2017410443975 | 07.12.2017
Patent Status: FER received on 27.05.2021 | replied in Dec 2021
Details of collaboration: NIL

Patent-4

Applicant's Name: Dr. G. Ramakrishnan, HoD/FT, Dr. B Poongodi, Dr. C Velmurugan, Dr. G Mohamed Zakriya, Ms. AR Mahalakshmi (M/s. Kannan Jacquard)
Title: Modified Jacquard for Handlooms
Application No. & Patent Filed Date: 201941008025 | 01.03.2019
Patent Status: FER received on 09.06.2021 | replied in Dec 2021
Details of collaboration: M/s. Kannan Jacquard

RESEARCH PAPER PRESENTATION IN CONFERENCES

- i. International Conference On Materials Research In Science And Engineering | KMRSE'21, 23-25 July 2021, "Study on Mechanical Properties of yarns manufactured for the Development of Reusable PPE for the Health care workers" and "Design and development of bamboo fibre period clothing for differently-abled women during Menstruation Design and development of bamboo fibre period clothing for differently-abled women during Menstruation", by **Dr G Ramakrishnan**.
- ii. International Conference On Materials Research In Science And Engineering | KMRSE'21, 23-25 July 2021, "Sustainable Packaging Material Using Natural Fibre Composite to Replace Plastics in Apparel Retail Store" by **Dr S Kavitha**.
- iii. International e-Conference on Sustainability in Technical Textiles (ICSTT 2021) 28-29.12.2021, "Behavioural analysis of slub yarn fabric", by **Mr. A. Arunraj**.

MoUS SIGNED

- i. MoU signed with **Indira Gandhi Centre of Arts (IGNCA)**, an autonomous trust under the Ministry of Culture, Govt. of India on **21.07.2021**, for the establishment of Atmanirbhar Bharat Center for Design (ABCD) incubation unit for Bhavani Jamakkalam in Red Fort, New Delhi.
- ii. MoU signed with **Apparel, Made-ups and Home Furnishing Sector Skill Council (AMHSSC)** on **20.09.2021**, for conducting academic sessions such as workshops and seminars for the students of Fashion Technology.
- iii. MoU signed with **Ayurvastra Textiles Pvt. Ltd.** on **20.12.2021** for conducting Trainings, Seminars and One-Credit Courses for the students of Fashion Technology.
- iv. MoU signed with Gemini (A Lectra Company) on **05.10.2021** for offering GAIN-Gemini Academic Initiative, an education program with free software licenses for commercial grade CAD/CAM technology. GAIN empowers students and teachers alike to achieve more by offering access to the latest CAD/CAM technology used in the fashion industry.



RESEARCH INITIATIVES

1. Tamil Nadu Rural Transformation Project (TNRTP), Department of Rural Development and Panchayat Raj, Govt. of Tamil Nadu is in the process of onboarding and partnering with KCT as a Technical agency for supporting the project in the rollout of biodegradable sanitary napkin production. The meeting was convened on 22.12.2021. Dr. G. Ramakrishnan (HoD/FT), Dr. Poongodi (AP/KCT.BS), and Ms. Niveditha (KCT Alumnus, Founder and Director, Bliss Natural Pads Coimbatore) represented KCT during the discussion.

2. Dr. G. Ramakrishnan (HoD/FT) is the co-director of the team lead by Dr. B. Poongodi (AP/KCT.BS) which has submitted a proposal to Indian Council of Social Science Research (ICSSR) on building of resilient and sustainable business of Bhavani Jamakkalam Weavers in the Post-pandemic scenario.

3. A project proposal on "Home Textiles" under "Mission Technical Textiles" was submitted to the Department of Handloom and Textiles, Government of Tamil Nadu, by Dr Bhaarithi Dhurai (Professor/FT) and Dr G Ramakrishnan (HoD/FT).

4. The project proposal entitled "REVIVE JAMAKKALAM, UPLIFT HANDLOOM WEAVERS !" was submitted to The Assistant Director of Handlooms and Textiles, Erode, by Dr.G.Ramakrishnan (HoD/FT) & Dr.B.Poongodi (AP/KCT.BS).

5. In line with the initiative of forming a silk consortium in India by Ms. Isabelle Moulin (Silk me Back, Lyon, France) teams from KCT interacted with the foreign guest and with Ms. Jyoti Gupta who represented the weaving community in Kota, Rajasthan. Discussion on reviving kota fabric and value addition was carried out by Dr. Priyadarshini R (AP/FT) with Ms. Jyoti Gupta. The team submitted a concept note to the French Institute of Jaipur on Reviving Kota through Design Intervention and also submitted a proposal to Azim Premji Foundation.



MEMBERSHIP

Department of Fashion Technology is member of the **Clothing Manufacturers Association of India (CMAI)**. Members of CMAI receive a monthly magazine entitled "APPAREL" which showcases recent trends in apparels, debut of new brands and other fashion-related information. The e-magazine is circulated among the students of the

Department. To motivate students to surf the magazine and acquire good exposure, **Dr Kavitha S** (AP/FT) conducts quizzes for students based on the content of the specific issue of the magazine. This has kindled interest among students to read and benefit from the subscription through a healthy competition.

Department of Fashion Technology is a member of **Crafts Council of India (CCI)**, since July 2021. The Crafts Council of India strives towards an India in which its artisan communities are valued, respected and supported with an enabling environment that renews and enhances their heritage for contemporary relevance and self-worth. CCI and its affiliates concentrate on securing artisanal livelihoods from craft production.

Ph.D

Mr A Arunraj (AP/FT) has registered for his doctoral research work on "Investigation of slub yarn properties and its behavioural analysis in fabric" under the supervision of Dr. V Ramesh Babu (ASP & HoD/Textile, KCT).

CONSULTANCY

Centre Of Excellence – **KCT-TIFAC CORE** offers consultancy in product and prototype development. The Centre is equipped with Advanced Manufacturing Lab and Testing Lab for new product development in textiles. With its expertise, KCT-TIFAC CORE has catered to the technical needs of textile companies and educational institutions for an affordable charge.

During July-Dec 2021, KCT-TIFAC CORE has offered technical service in yarn manufacturing from natural fibres and their blends, plasma treatment of wovens and non-wovens and testing of physical properties of newly developed fabrics. The consultancy offered is worth **Rs.27,920** during July-Dec 2021.

GOING GLOBAL

Department of Fashion Technology x Silk Me Back

International Partnerships Office of the Institution, with the support of French Consulate in Bangalore, connected Department of Fashion Technology with **Ms. Isabelle Moulin**



Art Director-Silk Me Back based in Lyon, France. Discussion is on with Ms. Moulin for conducting Summer Schools and other student-related activities between France and India.

Department of Fashion Technology x Manchester Metropolitan University (MMU), UK

The partners are in discussion to enable students from Fashion Technology-KCT to pursue their higher education in MMU within the 3+1 and/or 4+1 framework.

International Guests

Dr. Gajanan Bhat, Professor, Dept. of Textiles, Merchandising & Interiors, University of Georgia, USA presented about "**Textiles, Merchandising & Interiors at UGA: Department highlights including Recent Advances in Research**" during a webinar on 02.12.2021

Dr. Siva Ramakumar Pariti, Senior Technical Marketing Officer Sustainable Textiles Solutions, BluWin Ltd., UK presented "**Current Sustainability Trends in Apparel Industry**" during a webinar on 07.12.2021.

NEWS IN DETAIL

The **National Handloom Day** UTSAV was celebrated on **7th August 2021** to commemorate the design and fineness of Indian handloom products. In this regard, two events: KWIZ and Designer Jamakkalam events were organized. The workshop began with welcome address by HOD, Dr. Ramakrishnan G followed by KWIZ event. Around one hundred and four participants took part in the KWIZ event. The second event 'Designer Jamakkalam' witnessed ten participants. The participants created their own version of jamakkalam designs. The event 'Designer Jamakkalam' was evaluated by jury members: Asst. Director, Handloom development and Designer Co-Optex

Coimbatore. The participants created their own version of jamakkalam designs. The designs were judged by the jury members and the prizes were declared. The workshop began with welcome address by HOD, Dr. Ramakrishnan G followed by KWIZ event. Around 104 participants took part in the event.

Dr.G.Ramakrishnan, Professor & Head - Fashion Technology, Kumaraguru College of Technology and Dr.B.Poongodi, Assistant Professor, KCT Business School organised a day National Webinar on "SIGNIFICANCE OF SKILL DEVELOPMENT IN IMPROVING THE LIVELIHOOD OF HANDLOOM WEAVERS". **Shri.T.Rajkumar**, Chairman, Textile Sector Skill Council & Chairman - Confederation of Indian Textile Industry presided over the panel discussion. The national Industry persons, weavers, faculty members and students took part in this webinar that was held on **7 August 2021** as part of the Handloom Day celebrations. A panel discussion was held with experts from handloom sector. Dr.J.V.Rao, CEO, Textile Sector Skill council and Dr.P.Thennarasu, Director, Indian Institute of Handloom Technology, Varanasi were the experts for the panel discussion. Around 70 participants across the nation took part in this discussion on MS Teams.

INVITED LECTURES

வல்லமை தாராயோ- Motivation Through Experience Sharing: 24 September 2021

Ms. Porkodi Selvaraj, Founder - Agaram Montessori School, Coimbatore. & Newsreader in Doordarshan.

The objective of the event was to create awareness among students that success cannot always be an accident. Most times, one has to work hard to achieve goals in life.



During the pursuit, one can face challenges internally and externally. Internal factors can be fear, self-doubt, procrastination, etc. while external factors can be family constraints, societal issues, etc. A woman to be multi-faceted and also be successful in each of the facet is possible only if there is passion, a desire to win against odds and perseverance besides other responsibilities such as caring for self and family. The session aims to bring out the real life of "unsung heroes", their struggles to accomplish their goal in life, at the same time maintaining the work and life balance. The speaker of the day Ms. Porkodi Selvaraj was welcomed by Dr. R. Priyadarshini, Asst. Prof. Department of Fashion Technology. The Presidential address was delivered by Prof. Dr. G. Ramakrishnan, Head, Department of Fashion Technology, who encouraged and supported the organising team for convening this session amidst many other programmes conducted by the faculty. Ms. Porkodi Selvaraj narrated her journey since her childhood and how she developed a passion for news reading. With her beautiful Tamil pronunciation, she interacted with the audience and invited them for interaction like an RJ and also read a sample news piece from the newspaper. Ms. Porkodi elaborated her progression in profession and why she chose to establish a Montessori School. Narrating her real life struggles and realisations, she kept the audience engaged. Students interacted with guest and learnt her opinion and suggestions to real life issues, especially those women face during their journey to success. The session was concluded by Ms. Madhumithaa N, Final Year-FT who delivered the vote of thanks.

"Is your wardrobe robbing our planet? Implementing sustainability in a Business model": 04 October 2021

Mr. Saravanan Parisutham, Co-Founder/ Chief Operating Officer & Mr. Ganesh Natarajan, Project Management Lead, TrusTrace (Stockholm/Coimbatore)

The event was held on 04 Oct 2021 which focused on sustainability and how fashion industries can measure or quantify the sustainability of their products. Madhumithaa N of Final Year Fashion Technology introduced the guests of the day, Mr. Saravanan Parisutham, Co-Founder/ Chief Operating Officer, TrusTrace and Mr. Ganesh Natarajan, Project Management lead, TrusTrace. Mr. Ganesh Natarajan discussed about how the production of fashion goods is

leaving tremendous carbon foot print due to the proliferation of technology in fashion industry for past years. The impact of fashion brand on carbon emissions in environment was presented and the UN's enactment to reduce the carbon by 2030 was highlighted. Improvement on awareness of water,



ozone depletion, fashion brands under regulatory laws and behind the scenes in fashion brand including complexity of all suppliers were described. The production change, consumer awareness to promote sustainability and operation change in fashion business - knowing direct & indirect suppliers, collecting evidence and proof of compliance, transparency between brands and suppliers in production and distribution were also discussed. The team also briefed on the value process of cotton fashion products, agents, traders, material suppliers etc. and the way to sustainability through transparency, sustainability footprint, knowing of product specific information and details of fashion brands. In last phase of lecture Mr. Saravanan Parisutham shared his thoughts on sustainability and how his company provides solutions to enable conscious consumerism and responsible production. The lecture concluded with Dr. Priyadarshini. R, Assistant Professor, Department of Fashion Technology explaining further opportunities for collaboration between KCT and Trustrace in terms of Internships and Academic sessions for students of FT. The organising team thanked the guests for their elaborate session on how sustainability can be measured in Fashion Industry.

Webinar on "Latest trends on Denim washes":

Mr. Sachin Pulsay, Manager, M/s. Clothing Culture Ltd.

The invited speaker was welcomed by Dr. G. Ramakrishnan, Head, Department of Fashion Technology. Dr. R. Priyadarshini, Assistant Professor, Department of Fashion Technology, introduced the speaker. Dr. Gajanan Bhat is as a Professor in the Department of Textile, Merchandising & Interiors (TMI), University of Georgia, USA. Dr. Gajanan Bhat spoke about The University of Georgia, USA. He presented the department highlights with included the details of faculty members of the university, undergraduate students, post-doctoral fellows, visiting professors, Laboratories, and collaborations with other colleges / departments. He highlighted the Graduate and Undergraduate programs offered in the University. Graduate program includes Master of Science in TMI; Ph.D. in Polymer, Fibre, and Textile Sciences; and Ph.D. in IM. Undergraduate program includes Majors in Fashion Merchandising, Furnishing and Interiors. He also talked about the UGA'S key strengths, UGA Fiber Discovery Center & Laboratory and the ambience of the UGA. Mr. Gajanan Bhat introduced the faculty members of the University with their specializations and the projects carried out during the pandemic days. Faculty from Department of Fashion Technology discussed on the various exchange activities between KCT and UGA such as Internships and special courses. The lecture provided exposure to students on the courses and facilities offered by University of Georgia, USA.

Technical Webinar on “Sportswear Product Development: The ADIDAS Perspective”:

30 December 2021

Mr Sathish Kumar A.D, Managing Director, Innotex Materials Private Limited Coimbatore.

The invited speaker was welcomed by

Dr. G. Ramakrishnan, Head, Department of Fashion Technology. Dr. R. Priyadarshini, Assistant Professor, Department of Fashion Technology, introduced the speaker. Mr Sathish Kumar A.D. is a KCT-alumnus from the Department of Textile Technology. He has earned his



Masters Degree from Textile and Clothing Management from Niederrhein University of Applied Sciences, Moenchengladbach, Germany. He founded the company INNOTEX MATERIALS PRIVATE LIMITED in Coimbatore for manufacturing Sportswear & Composites, operating in Tirupur & Coimbatore. Earlier, he worked in Adidas as Materials Developer in 2010, took the role of Senior Manager, Material Development & Innovation and led Adidas Global Material Innovation teams. Currently, he is also working as a Materials consultant for Adidas Sustainability Programs, and also took up a recent role as Director of Material Innovation for YEEZY LLC in Collaboration with GAP Inc, working offshore from India. Mr. Sathish spoke about sportswear products development and innovation. He covered the key aspects of quality relevant to textiles for sportswear and also specified the structure of different yarns, synthetic-max-sports. Mr. Sathish also spoke about the dyeability of special nylon vs stretch, the performance while using core spun elastane, heat transfer mechanism for high tensile garments, seam strength of high twist nylon threads, tearing strength of plain woven vs twill, seam strength using high twisted nylon threads vs Stretchable sewing thread, to mention a few. He spoke about shoes, the strength of materials (RIGID) used for shoes that contribute to their performance and durability, and how textile materials play an important role in flexibility of the product for specific sports. The lecture provided exposure to students on various requirements of textile to suit for sporting application, the performance factors that are vital and necessary for different sportswear, and the selection of raw material while designing and making a sportswear.

International Webinar on “Textiles, Merchandising & Interiors at UGA: Department highlights including Recent Advances in Research” on 02 December 2021

Dr. Gajanan Bhat, Professor, Dept. of Textiles, Merchandising & Interiors, University of Georgia, USA

The invited speaker was welcomed by

Dr. G. Ramakrishnan, Head, Department of Fashion Technology. Dr. R. Priyadarshini, Assistant Professor, Department of Fashion Technology, introduced

the speaker. Dr. Gajanan Bhat is as a Professor in the Department of Textile, Merchandising & Interiors (TMI), University of Georgia, USA. Dr. Gajanan Bhat spoke about The University of Georgia, USA. He presented the department highlights with included the details of faculty members of the university, undergraduate students, post-doctoral fellows, visiting professors, Laboratories, and collaborations with other colleges / departments. He highlighted the Graduate and Undergraduate programs offered in the University. Graduate program includes Master of Science in TMI; Ph.D. in Polymer, Fibre, and Textile Sciences; and Ph.D. in IM. Undergraduate program includes Majors in Fashion Merchandising, Furnishing and Interiors. He also talked about the UGA'S key strengths, UGA Fiber Discovery Center & Laboratory and the ambience of the UGA. Mr. Gajanan Bhat introduced the faculty members of the University with their specializations and the projects carried out during the pandemic days. Faculty from Department of Fashion Technology discussed on the various exchange activities between KCT and UGA such Internships and special courses. The lecture provided exposure to students on the courses and facilities offered by University of Georgia, USA.

International Webinar on “Current Sustainability Trends in Apparel Industry”: 07 December 2021

Dr. Siva Ramakumar Pariti, Senior Technical Marketing Officer Sustainable Textiles Solutions, BluWin Ltd., UK

Prof. Dr. G. Ramakrishnan (Head/FT) introduced the Department of Fashion Technology to the international guest Dr. Siva Ramakumar Pariti, Senior Technical Marketing Officer Sustainable Textiles Solutions, BluWin Ltd., UK. Ms. Anu (President, Fashion Technology Students Association)

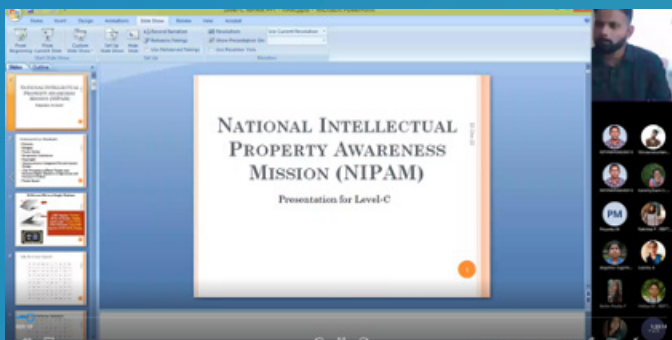


introduced the guest. Sustainable Textiles Solutions (STS) an independent division of Bluwin Limited U.K and oversees all technical programs besides engages with the industries' stakeholders developing the most practical solutions to complex challenges. He is Hon. Chairman of Society of Dyers and Colourists India and recipient of Silver medal for services towards coloration in India. At the outset, Dr. Pariti discussed about circularity in fashion. He elaborated on the 9 different factors that impacts the industry, including Atmospheric aerosol loading such as that done in the fading of denim fabric. When the impact created is positive, then the industry is considered to be a sustainable one. The feasibility of achieving zero waste i.e. zero landfill waste. He brought out the importance of certificates such as EU-BAT (European Union Best Available Techniques Reference Document). He highlighted the initiatives taken by reputed brands such as NIKE (no virgin polyester will be

used from 2025) and WALMART (recyclable/reusable/100% bio-degradable bags from 2025). Saving more resources through technology improvement and use of low hazard resources contributes to sustainability of the industry. Faculty of Department of Fashion Technology extended interest to co-ordinate more sessions for the benefit of students and expose them to the current international scenario of fashion industry aiming for sustainability. Students were introduced to concepts such as circular economy and how industries adopt different materials and processes to achieve circularity.

ONLINE WEBINAR on “Intellectual Property Rights Awareness” on 21 December 2021

Shri. Hariprasath P, Gol Patent Office, Chennai.



The IPR awareness webinar was organized on December 21, 2021 between 2.30pm and 4.00pm. The session was delivered by Shri. Hariprasath P, Examiner of patents and designs, GOI Patent Office, Chennai.

Shri. Hariprasath P explained the different types of Intellectual property rights such as Geographical indicators, Copyrights, patents, Trade secrets, trade marks and Industrial designs. Further he outlined the characteristics of the different format under a creators original work can be protected. Several examples of fashion design works which have the potential for registering under IPR framework was discussed in an interactive way. The Dos, Don'ts, forms and access to filing a patent was discussed in length exemplifying the contents of a sample draft. The webinar concluded at 4.00pm.

BLOGS

Hands-on Training in Mushroom Cultivation at Kumaraguru Institute of Agriculture, Erode 23-24 Nov 2021

We, Amritha, Berlin Prisilla, Farzana, Priyadarshini, Sangamithra and Vasundhara Devi, the II Year B.Tech Fashion Technology students pursuing Project Based Learning Mode of learning are passionately involved in developing a textile form from mushrooms that can be used in medical/biomedical applications under the mentorship of Dr. Priyadarshini, Assistant Professor from the Department of Fashion Technology.

We, during the initial phase of our research understood the significance of exploring more about mushroom. So in that connection, we visited Kumaraguru Institute of Agriculture, Appakudal to gain hands-on experience on mushrooms and their cultivation. Dr. B.J.Pandian, Principal, KIA cordially welcomed us and spoke to us in

detail about the multiple facilities available at the campus with reference to agriculture and other related sectors. Later Dr. Priyanka and Mrs. Maheshwari M from the Department of Pathology took us around to the mushroom cultivation space in the campus. We also had the opportunity to observe 30-day old germinated mushroom mycelium under the microscope and understood its physical structure.

This is a significant progress in our research project and it is a wonderful and informative two-day journey where we came to know about the complete process of mushroom cultivation and gained boundless knowledge for our project. We thank our mentor Dr. Priyadarshini, Asst Prof, Fashion Technology, KCT, Mr. Saravanan, AO, KIA, Dr. G. Ramakrishnan, Head FT, Dr. Saravanan, Principal, KCT, the management and faculty members of KIA for their hospitality and technical support.



2nd Visit to KIA for Training on Tissue culture of Mushroom 17-18 December 2021

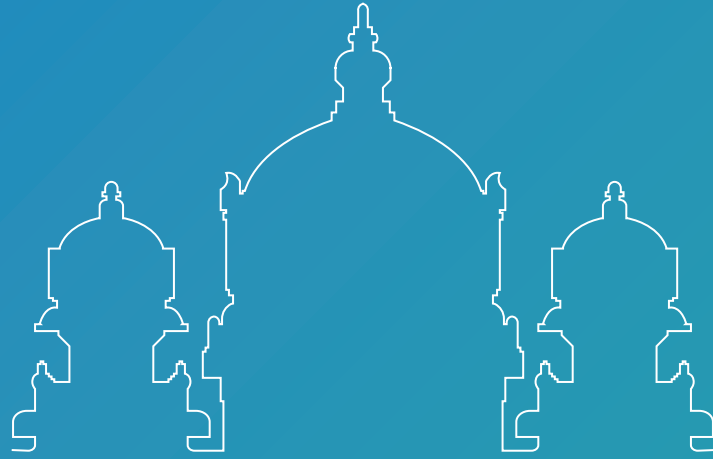
We, Amritha and Sangamithra from the team spent two days in KIA to get trained on tissue culture of mushroom in laboratory conditions.

Tissue culture can be done in two ways: i) using PDA medium, ii) PDA as broth. On the first day, we learned to prepare PDA medium. After that we had a discussion with Dr. Priyanka, Asst. Prof. Department of Pathology about the process. On the second day, we learnt to prepare PDA broth.

We were trained to prepare petri dishes for tissue culture and we made our own tissue culture samples. We brought with us 2 samples to observe the growth of mycelium and to use the same for testing and further study of properties.



Fashion



Fashion

creative beauty style
unique passion
classic profession awesome