



Volume 49

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DEPARTMENT OF FASHION TECHNOLOGY

EDITOR IN CHIEF: DR. G. RAMAKRISHNAN, PROFESSOR &
HEAD/FASHION TECH

EDITOR: MS. P. POOJA, ASSISTANT PROFESSOR/FASHION TECH

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.

FACULTY ZONE

FACULTY MEMBERS & STAFF FOR ACADEMIC YEAR 2022-2023

1. **Mr A Pavendhan**, Associate Dean, Textile Cluster
2. **Dr G Ramakrishnan**, Professor & Head of Department
3. **Dr Bhaarathi Dhurai**, Professor
4. **Dr G Rajkumar**, Associate Professor
5. **Dr V Krishnaveni**, Associate Professor
6. **Dr V Nithyaprakash**, Associate Professor
7. **Dr S Kavitha**, Assistant Professor (III)
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. **Ms P Pooja**, Assistant Professor (I)
13. **Ms Aditi Nayak**, Assistant Professor (I)
14. **Ms C Srinidhi Deepthi**, Assistant Professor (I)
15. **Mrs K Prema**, Junior Engineer
16. **Mrs R Krishnaveni**, Junior Engineer
17. **Mrs V Deepa**, Technical Associate
18. **Mr S Velusamy**, Technical Associate
19. **Mrs S Mary**, Technical Associate
20. **Mrs S Chandra**, Associate

NEW MEMBERS



Mr. A Pavendhan, Associate Dean-Textile Cluster, KCT

Mr. A Pavendhan is a Post- Graduate in Textile Technology who earned his B Tech and M Tech from Anna University, Guindy, Chennai. He has over 32 years of professional experience.

He was earlier the Scientific Officer in the Liaison and Consultancy Department of The South India Textile Research Association, Coimbatore, followed by a long stay with Premier Evolvics Private Limited in various capacities related to product development from conception to taking it to customers, with a primary focus on On-line and testing instruments. He has also worked on ERP products for Textile Industry during his stint in WIPRO, Bangalore, and along with his team, he developed a full-fledged product. His business career includes delivering home grown Textile ERP to customers for the past 15years.

He is married and has two sons. Hailing from Cuddalore district, he is settled in Coimbatore for more than three decades.

He has published a technical book (Cotton Ginning, a Textile Institute Publication, UK), two international patents, five Indian Patents, two books related to Textile Yarn Standards (Premier Statistics 1997, Premier Statistics- Fibre to Yarn 1999), and many other articles in magazines and journals. Contributed immensely in the development of many on-line and testing instruments for Textile Industry.

His Vision is to keep it simple with no unnecessary self-inflicted complications. Live with nature in harmony. Whatever personal and professional goals that are set, to be followed passionately. To make some contribution to the society before we leave. His strengths are Positive approach, planning to the details, timely execution, and proper documentation. Good oratory and writing skills. Team player with participative leadership approach.

His hobbies are Spending time with nature - birds and butterfly watching, and documenting their distribution across the state of Tamil Nadu. Interests also include reading various titles related to Archeology, Tamil, Literature, History, Science, Management and Sports. His inspiration in life is new challenges, any new learning opportunities that comes, and any works related to his passion. Inspired from many great works that are on the path of the subjects that he follows.

NEW FACULTY MEMBERS

Ms. Srinidhi Deepthi, Assistant Professor I, Department of Fashion Technology, KCT

Ms. Srinidhi Deepthi has completed her Master degree in Fashion Technology (M.F.Tech) from NIFT, Bangalore, after qualifying with an All India Ranking (AIR 5) in NIFT Entrance for admission to Master programmes.

Her area of Specialization is Operational Excellence. She has completed her B.Tech (Fashion Technology) from PSG College of Technology, Coimbatore. She has done collaborative research projects with apparel brands such as Easybuy, Coolibar and Hamleys. She has industry experience in the field of Merchandizing and Product Development.



She has done research projects including Research and Implementation on “Revival of Traditional IKAT dyeing Process with Digital Technology”, Research and Software Implementation for “Energy Conservation & Resource Minimalism through Process Engineering”, Training the Traditional Artisans of Mysore Inlay Art cluster according to the Changing E-commerce Business Era and development of E-commerce portal, and Market Research & Product development on functional styling garments in kids wear.

Her hobbies are Photography, Gardening, Arts and crafts, Stitching. Srinidhi says, “My Vision is to explore more about Fashion and Textile Industry and get upgraded everyday so that I can be a valuable resource for the place I work for and also grow in my position. To approach each day with the right & Positive mindset, with a plan, to lead a balanced and successful life. I find myself an Inspiration till today and for rest of my life, as because my inner self has always pushed me to achieve whatever I’m Today: Upbeat and positive attitude, Critical Thinking, Flexible Nature.”

Faculty Participations

Name of the Faculty	Name of Event	Organiser	From	To
Mr. Chandrakumar.S	Innovation Ambassador Training	MoE's Innovation Cell & AICTE	30 hours	
Mr.A.Thambidurai	Sustainable Approaches in Fashion Industry	VIT University	11.07.2022	15.07.2022
Ms. Pooja. P	Sustainable Approaches in Fashion Industry	VIT University	11.07.2022	15.07.2022
Mr.A.Arunraj	Sustainable Approaches in Fashion Industry	VIT University	11.07.2022	15.07.2022
Ms. Pooja. P	The Future of Sport Textiles and Accessories Industry in India	Indian Technical Textile Association	13.07.2022	13.07.2022
	The Future of Skills	L&T EduTech	15.07.2022	15.07.2022
Dr.G.Rajkumar	Innovation & Recent Advancement in Fashion and Textiles	AICTE Training and Learning (ATAL) Academy and organized by Vidya Institute of Fashion Technology.	18.07.2022	22.07.2022
Ms. Pooja. P	Innovation & Recent Advancement in Fashion and Textiles	AICTE Training and Learning (ATAL) Academy and organized by Vidya Institute of Fashion Technology.	18.07.2022	22.07.2022
Dr. R. Priyadarshini	Fashion Refresh Meet	Liva Fashion Studio	28.07.2022	28.07.2022
Ms. Pooja. P	Fashion Refresh Meet	Liva Fashion Studio	28.07.2022	28.07.2022
Dr.G.Ramakrishnan	2-day Technical Know-How Programme in "Advanced Apparels and Technical Textiles (from raw material to marketing)	Textile Sector Skill Council (TSC) & SIMA	01.08.2022	02.08.2022
Dr.R.Priyadarshini	2-day Technical Know-How Programme in "Advanced Apparels and Technical Textiles (from raw material to marketing)	Textile Sector Skill Council (TSC) & SIMA	01.08.2022	02.08.2022
Ms. Pooja. P	Emerging Areas in line with NEP-2020: Neoteric Frontiers in Cloud, Edge and Quantum Computing	AICTE	18.08.2022	18.08.2022
Dr.G.Rajkumar	Post NAAC quality enhancement in higher education institutions	Avinashilingam Deemed University	22.08.2022	29.08.2022
Mr. Chandrakumar.S	KLDA - Workshop on "Seven Habits of highly effective People"	KCT Learning Development Academy (KLDA)	23.08.2022	24.08.2022

Name of the Faculty	Name of Event	Organiser	From	To
Ms. Pooja. P	National Education Policy 2020 : Innovation & Entrepreneurship in HEIs for Atma-Nirbhar Bharat	KCT	30.08.2022	30.08.2022
Dr.V.Krishnaveni	National Education Policy 2020 : Innovation & Entrepreneurship in HEIs for Atma-Nirbhar Bharat	KCT	30.08.2022	30.08.2022
Ms. Pooja. P	"Globalspin Trade Conclave& Exhibition on promotion of Handlooms, Handicrafts and Technical Textiles"	IAM KHADHI	21.09.2022	22.09.2022
Ms. Aditi Nayak	Faculty Leadership Development Program	KCT	26.09.2022	27.09.2022
Ms. Pooja. P	Faculty Leadership Development Program	KCT	26.09.2022	27.09.2022
Dr.R.Priyadarshini	"SDC EC Conference" Brand Tirupur: Broadening the value horizons in Tirupur Textile & Apparel Sectors.	SDC EC	30.09.2022	30.09.2022
Ms. Pooja. P	"SDC EC Conference" Brand Tirupur: Broadening the value horizons in Tirupur Textile & Apparel Sectors.	SDC EC	30.09.2022	30.09.2022
Dr.V.Krishnaveni	Workshop on FTIR & NMR Spectroscopy	KCT	29.09.2022	29.09.2022
Dr.S.Kavitha	Workshop on FTIR & NMR spectroscopy	KCT	29.09.2022	29.09.2022
Mr. Chandrakumar.S	Innovation Ambassador (IA) Advance Level Training	MoE's Innovation Cell & AICTE	30 Hours	
Dr.S.Kavitha	Funding opportunities for extramural research in DST and R and D Funding	KCT	12.10.2022	12.10.2022
Ms. Pooja. P	Wearable Electronics	KCT	13.10.2022	13.10.2022
	Wearable Electronics	KCT	13.10.2022	13.10.2022
Dr.R.Priyadarshini	Autumn Winter 23-24 Collection Presentation	LAPF Liva Studio	14.10.2022	14.10.2022
Ms. Pooja. P	Autumn Winter 23-24 Collection Presentation	LAPF Liva Studio	14.10.2022	14.10.2022
Dr. Bhaarathi Dhurai	Workshop on "Design and Implementation of Outcome based curriculum design and development	KCT	17.10.2022	17.10.2022
Dr. Bhaarathi Dhurai	Green Nanoparticles in Drug Designing: Virtual Workshop	Prof. Himadri B. Bohidar: NCEAN, Teri-Deakin, Nanobiotechnology Center	18.10.2022	18.10.2022
Dr.G.Rajkumar	Academic Process Audit	ZANDIG TQM SOLUTIONS PVT LTD	01.11.2022	01.11.2022

Name of the Faculty	Name of Event	Organiser	From	To
Dr. V. Krishnaveni	Improving Research Performance using Science Direct &Scopus	KCT	06.11.2022	06.11.2022
Mr.A.Thambidurai	Improving Research Performance using Science Direct &Scopus	KCT	06.11.2022	06.11.2022
Ms. Pooja. P	"Scopus- Interactive session for KCT"	KCT	16.11.2022	16.11.2022
Dr.S.Kavitha	OBE based Revised Bloom's Taxonomy, delivery methods and assessment tools	KLDA/KCT	18.11.2022	19.11.2022
Dr.G.Rajkumar	Executive development program - Industrial Textiles	ITTA, Mumbai	12.12.2022	16.12.2022
Dr.G.Ramakrishnan	Executive development program - Industrial Textiles	ITTA, Mumbai	12.12.2022	16.12.2022
Dr.V.Nithyaprakash	Workshop on OBE based revised Bloom's Taxonomy, Delivery methods And assessment tools	KCT	18.11.2022	18.11.2022

Programmes Organized

Date of Event	Title of the Event	Resource Person & Affiliation	Co-ordinators
29.08.2022	Alumni Connect - Career Guidance Talk on "Shaping your career in Fashion"	Ms. Roshni M, Co-Publisher, LuxuryWellness	Dr. G. Ramakrishnan Dr. R. Priyadarshini
05.09.2022 to 09.09.2022	Handloom Day 2022	Mr Deivasigamani	Convenor Dr. G. Ramakrishnan Co-ordinators Dr. R. Priyadarshini Ms. Pooja. P
20.09.22 to 21.09.22	Gemini CAD Training	Mr.Ravichandran. R, Proprietor, The Fashion CAD Centre, Tirupur	Dr.S.Kavitha
29.09.2022	Sportswear Product Development: Scope and Opportunities	Mr Sathish AD, Managing Director -Innotex Materials Pvt. Ltd., Coimbatore	Dr. Bhaarathi Dhurai, Dr. R. Priyadarshini
01.10.2022	SDC Guest Lecture Series: 1. Innovations for Sustainability in Textile Processing	Mr. Sai Ganesh VR, CEO, Zydex Industries	Dr.Bhaarathi Dhurai, Dr.R.Priyadarshini
	2. Washing Techniques for Denim	Mr. Sachin Pulsay, Consultant, SINN Denim	
	3. Types of yarns, its uses and dyeing with Supercritical CO2	Mr. Sandeep Singh, Factory Head, Chacha Lifestyle	
09.10.2022-10.10.2022	Computer aided Textile and Apparel designing	Mr. Lakshmi Narayan 2D Artist, M/s. Gameberry Labs, Bengaluru, Karnataka	Dr. Nithyaprakash. V
07.10.2022-30.10.2022	Indian Art Forms	Mrs. Vasntha Kumar Faculty Trainer - PIDILITE Industry Mumbai.	Mr. Chandrakumar.S Dr. G. Ramakrishnan
16.11.2022	Career Guidance Lecture - Fashion Designing: Corporate Expectations And Skills Required		Dr. G. Ramakrishnan Dr. R. Priyadarshini
23.11.2022	Embroidery : Hands on Training	Ms. Vidhya, Yes Yes Designs, Coimbatore	A. Thambidurai Dr. G. Ramakrishnan
13.12.2022 – 14.12.2022	Two Day Workshop Free Style Embroidery	Mrs. Sasikala, Madura Coats Industry, Chennai.	Dr.V.Krishnaveni Dr.G.Ramakrishnan
15.12.2022	PAC- Programme Assessment Committee Meeting	Mr. Umesh & Dr.Sivakumar - Deputy Head DOA	Dr.V.Krishnaveni

Faculty as Resource person

Faculty Name	Title of the Activity	Activity organised by	Date	National/ International/ State / Local level
Dr. Nithyaprakash. V	Presenter & Discussion	Tell me your story BIZ & Center For South Asian Studies, College Of Arts, Languages And Letters, University Of Hawai.	24.11.2022	International level
Dr. R. Priyadarshini	Guest Lecture	Sustainability in Textile Brands in Coimbatore region.	08.12.2022	KCT Business School

Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc.

Date	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Nature of linkage	Name of the participant
11.11.2022	Training on Designing and Jacquard Card Punching	Sri Srinivasa Jacquard Card Punching / Teckmen	On the Job Training	Ms. Pooja P Dr. G. Ramakrishnan Dr. R. Priyadarshini

Publications – Journal

1. Shrivarthini V, **Dr. G. Ramakrishnan**, Development of Sustainable Watch Strap Using Organic Cotton Fabric Reinforced With Jute Fabric, International Journal of Scientific Research in Engineering and Management, Volume 06 Issue 09, 6 Pages, DOI: 10.55041/Ijsrem16481, Sep 2022
2. Shrivarthini V, **Dr. Bhaarathi Dhurai**, Effect of Plasma and Enzyme Treatment on The Comfort Properties of Organic Cotton Woven Fabric/International Research Journal of Engineering and Technology /volume 9 issue 8, Sep 2022
3. **Dr. G. Ramakrishnan**, Jamakalam Rug Weaving in India, The Journal for Weavers Spinners and dyers, Oct 2022
4. **Dr.V.Krishnaveni**, A Review - Studies on Jute Properties, Characteristics and Application in Textile Industry, International Journal of Research Publication and Reviews, Vol 3, no 10, pp 689-692, Oct 2022
5. Shrivarthini V, **Dr.G.Ramakrishnan** published a paper titled “Development Of Sustainable Watch Strap Using Organic Cotton Fabric Reinforced With Jute Fabric”, International Journal Of Scientific Research In Engineering And Management, Volume 06 Issue 09, 6 Pages, Doi :10.55041/Ijsrem16481.
6. Varshalini S, **Dr.G.Ramakrishnan** published a paper titled “Design And Development Of Panty With Detachable Gusset Using Bamboo Fabric”, International Journal Of Scientific Research In Engineering And Management, Volume 06 Issue 09, 6 Pages, Doi :10.55041/Ijsrem16481.
7. A.Vaishnavi, **Dr.G.Ramakrishnan** published a paper titled “Design And Development Of Jute Table Mat Using Natural Dye, International Journal Of Scientific Research In Engineering And Management, Volume 06 Issue 10, 5 Pages, Doi :10.55041/Ijsrem16482.
8. Haripriya.S, **Dr.G.Ramakrishnan** published a paper titled “Design and development of underarm pads using linen fabric”, International Journal Of Scientific Research In Engineering And Management, Volume 06 Issue 10, 5 Pages, Doi :10.55041/Ijsrem16482.
9. Gowsalya.S, **Dr.G.Ramakrishnan** published a paper titled “Design And Development Of Nursing Pad Using Hemp Fabric”, International Journal Of Scientific Research In Engineering And Management, Volume 06 Issue 10, 5 Pages, Doi :10.55041/Ijsrem16489.
10. Shrivarthini V, **Dr. Bhaarathi Dhurai** published a paper titled “Effect Of Plasma And Enzyme Treatment On The Comfort Properties Of Organic Cotton Woven Fabric”, International Research Journal Of Engineering And Technology/Volume 9 Issue 8, Doi :10.55041/Ijsrem16482.
11. Varshalini S, **Dr. Bhaarathi Dhurai** published a paper titled “The Effect Of Plasma Treatment On The Comfort Properties Of Bamboo Woven Fabric”, Volume 06 Issue 10, 5 Pages, Doi :10.55041/Ijsrem16489.
12. Varshalini S, **Dr.V.Krishnaveni** published a paper titled “Design and development of bamboo and cotton blended fabric using natural antibacterial coating for infant clothing”, Volume 06 Issue 10, 5 Pages, Doi :10.55041/Ijsrem16489.

13. Gowsalya.S, **Dr. Bhaarithi Dhurai** published a paper titled “Study The Comfort Properties Of Plasma And Enzyme Treatment Of Hemp Fabric”, International Journal Of Research Publication And Reviews, Volume 03, Issue 10, 5pages.
14. A.Vaishnavi, **Dr. Bhaarithi Dhurai** published a paper titled “ Analysis Of Comfort Properties Of Plasma And Enzyme Treated With Untreated Cotton\ Linen Fabric, International Journal Of Scientific Research In Engineering And Management, Volume 06 Issue 10, 6 Pages,
15. Haripriya S, **Dr. Bhaarithi Dhurai** published a paper titled “Effect Of Plasma Treatment On The Comfort Properties Of Linen Cotton Woven Fabric”, Volume 06 Issue 10, 5 Pages, Doi :10.55041/Ijsrem16489.
16. Haripriya S, **Dr.V.Krishnaveni** published a paper titled “design and development of bamboo and cotton blended fabric using natural antibacterial coating for infant clothing”, Volume 06 Issue 10, 5 Pages, Doi :10.55041/Ijsrem16489.
17. **Dr.G.Ramakrishnan** published a paper titled “Study on Mechanical Properties for the Development of Reusable PPE for the Health Care Workers”, International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090007 (2022); <https://doi.org/10.1063/5.0109681>.
18. **Dr.G.Ramakrishnan** published a paper titled “Design and development of bamboo fibre period clothing for differently abled women during menstruation”, International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090008 (2022); <https://doi.org/10.1063/5.0109688>.
19. **Dr.Ramakrishnan G** published a paper titled “Design of eco-friendly fashion accessory using natural dyes and textile materials ”, Colourage , November 2022.
20. **Mr.A.Arunraj** published a paper titled “Measurement of garment dimension based on switching median filter used in image processing” , International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090002 (2022); <https://doi.org/10.1063/5.0108287>.
21. **Mr.A.Arunraj** published a paper titled “Behavioural Study of Composite Made from Sisal - Jute - Kenaf Yarn”, International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090005 (2022); <https://doi.org/10.1063/5.0108244>.
22. **Mr.A.Thambidurai** published a paper titled “Behavioural Study of Composite Made from Sisal - Jute - Kenaf Yarn”, International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090005 (2022); <https://doi.org/10.1063/5.0108244>.
23. **Mr.A.Thambidurai** published a paper titled “Comfort Behavior of Woven Sheeting Fabrics”, International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090004 (2022); <https://doi.org/10.1063/5.0108241>.
24. **Mr.A.Arunraj** published a paper titled “Comfort Behavior of Woven Sheeting Fabrics”, International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090004 (2022); <https://doi.org/10.1063/5.0108241>.

25. **Mr.A.Arunraj** published a paper titled "Study of Banana/Cotton Blended Nonwoven Fabric for Lead and Zinc Adsorption", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 170008 (2022); <https://doi.org/10.1063/5.0108080>.
26. **Mr.A.Arunraj** published a paper titled "Study on Hybrid Composites for Roofing Applications", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 040003 (2022); <https://doi.org/10.1063/5.0108081>.
27. **Mr.A.Arunraj** published a paper titled "Investigating the Effect of Laundering on the Polyester/Cotton Sewing Thread Mechanical Properties", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090001 (2022); <https://doi.org/10.1063/5.0108286>.
28. **Dr. Bhaarathi Dhurai** published a paper titled "Adsorption of Acid Dyes from Wastewater using Azadirachta Indica Neem (Leaf) Biochar", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 030002 (2022); <https://doi.org/10.1063/5.0108146>.
29. **Dr. Bhaarathi Dhurai** published a paper titled "Banana Peel Metalloprotease Characterizations", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 020004 (2022); <https://doi.org/10.1063/5.0110140>.
30. **Dr. S. Kavitha** published a paper titled "Sustainable Packaging Material Using Natural Fibre Composite to Replace Plastics in Apparel Retail Store", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090009 (2022); <https://doi.org/10.1063/5.0109669>.
31. **Dr. S. Kavitha** published a paper titled "Development of Fabric Wrap for Packaging in E-Commerce as an Alternative to Plastic Bubble Sheet", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090013 (2022); <https://doi.org/10.1063/5.0109663>.
32. **Dr. G. RajKumar** published a paper titled "Experimental Investigation on Mechanical Properties of Hybrid Protein Fiber Composites and its Optimization using Box Behnken Experimental Design", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 090003 (2022); <https://doi.org/10.1063/5.0108158>.
33. **Dr. G. RajKumar** published a paper titled "Eco Friendly Finishing of Cotton Fabric for Mosquito Repellency with Carica Papaya", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 020001 (2022); <https://doi.org/10.1063/5.0108186>.
34. **Dr. G. RajKumar** published a paper titled "Effect of alkali pre-treatment on dyeing behaviour of Lyocell fibre", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 020001 (2022); <https://doi.org/10.1063/5.0108186>.
35. **Dr. V. Krishnaveni** published a paper titled "Effect of natural fiber for disposable sweat pad applications", International Conference on Materials Research in Science and Engineering, AIP Conference Proceedings 2446, 020010 (2022); <https://doi.org/10.1063/5.0110162>.

36. **Dr. R. Priyadarshini** published a paper titled "Achieving sustainability in Fashion: Scope of recycled fabric waste in Sustainable production of Fashion Apparel", International Journal of Scientific Research in Engineering and Management (IJSREM), 2022, vol. 06 (11).
37. Shanmuga Shri. M, Safrin Shynie. A, Baranitharan. K, **Mr. Chandrakumar. S** published a paper titled "Study on Eco-Friendly Menstrual Absorbents Fibers", International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 06 Issue: 12 | December - 2022. ISSN: 2582-3930
38. Visalakshi.R, Nithyasri.S, Dhebhika.R , **Dr.G.Ramakrishnan** published a paper titled "Development of viscose polyester wipes and evaluation of shrinkage and absorption", International Journal of Novel research Development.
39. Sathya M, Muralidharan G, Abitha K, **Dr.G.Ramakrishnan** published a paper titled "Design and Development of Jamakkalam using recycled fibers", International Journal of Novel research Development.

Publications – Books & Chapters

1. **Dr.G.Rajkumar**, Wool fiber reinforced polymer composites, Wood Head Publications, ISBN: 9780128240564, Aug 2022.

Collaborations

Duration (From & To)	Title of the collaborative activity	Name of the participant	Name of the collaborating agency
10-10-2022 to 15-10-2022	CONSULTANCY DESIGN WORK- Design the Sports Jersey for Our Institution Sports Teams	Dr.V.Krishnaveni	Kumaraguru College of Liberal Arts & Science

Patent / Design / Copyright / Trade Mark

Type of IP (Patent /Design/Copyright /Trade Mark)	Inventor's name	Title	Application No. & Patent Filed Date	Patent Status (Filed/Published/ Granted/ Licensed)
Design	Dr.G.Rajkumar & Dr.J.Srinivasan	Multipurpose Thermal Resistant Oven Mitt	201741043975 & 7.12.2017	FER Submitted

Alumni Corner

Higher Education Abroad

Name of the Alumnus	Higher Education Institution
SREEMUKHEE	Nottingham Trent University, UK
PREETHIKA	Nottingham Trent University, UK
MADHUMITHA	NIFT, Bangalore
ANGELINE SUGIRTHA	NIFT, Bangalore

Students Participation

Name of Event	Roll No & Students Name	Event Date	Organiser
Technical Quiz	20BFT022 Priyanka M 20BFT023 Radhika A 20BFT007 Jahana Jasmine H 20BFT012 Kanishga B 20BFT019 Pradeeka K 20BFT039 Vinisha Angel Mary D 20BFT015 Neha Gowrij S 20BFT016 Oviya Shree S 20BFT040 Vinushaa E 20BFT011 Kanirhythami S 20BFT001 Abinaya K 20BFT006 Indhu N 20BFT018 Paval S 20BFT027 Sibiya Shri S 20BFT203 Arshath Parvesh H 20BFT212 Santhosh Kumar R 20BFT204 Balamurugan S 20BFT211 Rajamanickam 20BFT214 Soorya M S 20BFT216 Srikanth K 20BFT033 Suruthika T K 20BFT010 Karthika K 20BFT034 Surya D 20BFT028 Sivaranjani V 20BFT036 Thilothika T 20BFT009 Jennifer Jasprin S 20BFT029 Sivasri V 20BFT031 Subiksa S 20BFT032 Sukitha A 20BFT026 Sarmila B 20BFT021 Priyadharshini N	07.09.2022	Dept. of FT, KCT

	20BFT037 Vasundhara Devi N 19BFT040 Safrin Shynie A 19BFT029 Aashika J P 19BFT043 Packiam K 19BFT202 Brindha A 19BFT206 Nithyasri S 19BFT201 Midhun 19BFT032 Visalakshi R 19BFT033 Dhebhika R 19BFT022 Abitha K 19BFT034 Harini Priya K S 19BFT010 Shalini K R 19BFT018 Sathya M 19BFT002 Kaavya L		
Traditional Draping	20BFT007 Jahana Jasmine H 20BFT012 Kanishga B 20BFT019 Pradeeka K 20BFT022 Priyanka M 20BFT023 Radhika A 20BFT039 Vinisha Angel Mary D 20BFT015 Neha Gowrij S 20BFT040 Vinushaa E 20BFT011 Kanirhythami S 20BFT016 Oviya Shree S 20BFT001 Abinaya K 20BFT006 Indhu N 20BFT013 Kowsalya D 20BFT018 Paval S 20BFT027 Sibiya Shri S 20BFT002 Amritha K S 20BFT003 Berlin Prisilla P 20BFT033 Suruthika T K 20BFT010 Karthika K 20BFT029 Sivasri V 20BFT009 Jennifer Jasprin S 20BFT034 Surya D 20BFT028 Sivaranjani V 20BFT032 Sukitha A 20BFT026 Sarmila B 20BFT021 Priya Dharshini N 20BFT005 Farzana N 20BFT037 Vasundhara Devi 19BFT040 Safrin Shynie A 19BFT029 Aashika J P 19BFT043 Packiam K 19BFT206 Nithyasri S 19BFT001 Mithun 19BFT202 Brindha A 19BFT032 Visalakshi R 19BFT033 Dhebhika R 19BFT042 Abitha K 19BFT034 Harini Priya K S 19BFT010 Shalini K R 19BFT002 Kaavya L	05.09.2022	Dept. of FT, KCT
Technical Quiz	20BFT011 Kanirhythami S 20BFT040 Vinushaa E	17.09.2022	Kastrui Srinivasan Trust

	20BFT015 Neha Gowrij S 20BFT016 Oviyashree S 20BFT005 Farzana N 19BFT042 Abitha K		
Fashion Montage (Winners)	20BFT036 Thilothika. T 20BFT029 Sivasri. V 20BFT002 Amritha. KS	12.10.2022	Dept. of FT, KCT

Visit of Individual Alumni to Department

Name	Working for / Designation	Month	Year of study
Ms. Vani Shree	Gamma Clothing	September	2015-2019

Alumni Meet

Date	Name of Event	Venue	Strength
29.10.22	Alumni Interaction with Students	D Block	25

Industrial Visit

Program/batch (year)	No of students	Name and address of the industry	Date of visit	Names of accompanying faculty
B.Tech FT 2019-23 (IV Year)	5	Thirumala Tex, SF.No.103/1 &105/1, Sivan Rice Mill Compound, Mangalam Road, P. Andipalayam, Tirupur 641687	23.07.2022	Dr. R. Priyadarshini
M.TECH AT 2021-23 (II Year)	5	NIFT TEA ATAL INCUBATION CENTER	25.8.2022	Dr.S.Kavitha
B.Tech FT 2020-24 (III Year)	43	Akshara Garments	08.11.2022	Dr. R. Priyadarshini
M.TECH AT 2021-23 (II Year)	5	Industrial Visit Decatlon Industry- Neelambur, Coimbatore	27.12.2022	Dr.V.Krishnaveni
M.TECH AT 2021-23, 2022-24 (I & II Year)	4	ICAR-CISR and CIRCOT Regional Center, Coimbatore	16.12.2022	Dr.S.Kavitha

MOU Signed

Date of MOU signed	Organisation with which MOU is signed	Duration	Nodal Officer for MOU (Name of the Faculty Coordinator from KCT)
28.11.2022	ATAL INCUBATION CENTRE NIFT TEA	3 Years	Dr.S.Kavitha Dr.G.Ramakrishnan

Professional Society Activities organized by the Department

Date	Details of Program / Activity	Details of chief guest	No. of participants
02.08.2022	Technical Association of the Pulp and Paper Industry (TAPPI): Technical Textiles, Nonwovens and Advanced Apparels	Dr. Seshadri Ramkumar, Professor, Texas Tech University, USA	10

Research funds sanctioned and received from various agencies, industry and other organization.

Name of the Department	Year	Duration (in Months)	Nature of the Project	Title of project	Name of the PI / Co- PI	Name of the funding agency	Total grant sanctioned in Lakhs
FT	2022	24	2022-23 IKS SAMVARDHINI YOJANA BY MINISTRY OF EDUCATION, GoI and AICTE	Development and Application of Natural Dyes for reviving Handloom and improving Human Wellness	DR G RAMAKRISHNAN DR B POONGODI DR R PRIYADARSHINI	INDIAN KNOWLEDGE SYSTEMT	13.2 LAKHS

2-day Technical Know-How Programme in “Advanced Apparels and Technical Textiles (from raw material to marketing) & Inauguration of TAPPI: Technical Textiles, Nonwovens and Advanced Apparels (India Chapter)

Event Date: 01.08.2022 – 02.08.2022

Co-ordinators: Dr. G. Ramakrishnan, HoD

Dr.-Ing. R. Priyadarshini, Asst. Professor II

Internal Participants

No. of faculties: 3

Others: 4

KCT jointly with Texas Tech University (Lubbock, USA), South India Mills Association (SIMA) and Textile sector Skill Council (TSC) organised a 2-day Technical Know-How Programme in “Advanced Apparels and Technical Textiles (from raw material to marketing)” for entrepreneurs in Technical Textiles, on 01-02 Aug 2022 at Kumaraguru City Centre, SIMA Campus, Coimbatore. The expert facilitator, Prof. Dr. Seshadri Ramkumar, Texas Tech University, discussed in detail about textile fibres and manufacturing methods that have potential applications in both commercial and industrial applications with a special focus on nonwovens.

Dr Seshadri Ramkumar presented explicitly and in detail on various nonwoven materials and their diverse applications. He also created an awareness among participants that research should lead to commercialization of the product.

KCT is pleased to host the inaugural Chapter of the Technical Association of the Pulp and Paper Industry (TAPPI): Technical Textiles, Nonwovens and Advanced Apparels, the first TAPPI Chapter exclusively for the nonwovens and technical textile sectors. Industry professionals, academics and students in India are invited to join the TAPPI Technical Textiles, Nonwovens and Advanced Apparels India Chapter with an exclusive digital membership that includes 12 full months of membership with multiple benefits. Dr. D Saravanan, Principal-KCT and Dr G Ramakrishnan, Head-Fashion Technology-KCT presided over the inaugural event held on 02 August 2022 at Kumaraguru City Centre, SIMA Campus, Coimbatore.

Outcome of the Event:

The talk provided vast exposure on different technical textiles with special focus on nonwovens that are intended for different applications.



Alumni Connect - Career Guidance Talk on "Shaping your career in Fashion"

Event Date: 29.08.2022

Co-ordinators: Dr. G. Ramakrishnan, HoD

Dr.-Ing. R. Priyadarshini, Asst Professor II

Internal Participants

No. of students: 65

No. of faculties: 2

Alumni Connect - Career Guidance Talk on "Shaping your career in Fashion" was organised for the pre-final and final year students of Fashion Technology.

Ms. Roshini M, Alumnus KCT, Co-Publisher-LuxuryWellness, was the resource person in the event. Welcome address was delivered by Dr Priyadarshini R (AP/FT).

Ms. Roshini, during her talk, presented different opportunities in the field of fashion for young aspirants who wish to pursue a career in the fashion and fashion-related domains. She presented an exhaustive list of career prospects including those related to Textile Design, Jewellery Design, Graphic Design and Graphic Illustrations. She also discussed on the scope of AI in fashion and its increasing significance in the domain.

Dr G Ramakrishnan (HoD-FT) presented the vote of thanks and appreciated the alumnus for sharing umpteen opportunities that can interest students of different interests in the fashion sector.

Outcome of the Event:

The talk provided exposure to students on various career opportunities one can explore and pursue after graduation.



Sportswear Product Development: Scope and Opportunities

Event Date: 29.09.2022

Co-ordinators: Dr. Bhaarathi Dhurai, Professor, Department of Fashion Technology, KCT.

Dr. G. Ramakrishnan, Professor & Head, Department of Fashion Technology, KCT

Dr. R. Priyadarshini, Asst. Professor II, Department of Fashion Technology, KCT

Internal Participants

No. of students: 80

No. of faculties: 3

Dr. G. Ramakrishnan welcome the guest Mr Sathish AD, MD - Innotex Materials Pvt. Ltd., Coimbatore.

Mr Sathish elaborated on the need to tailor sportswear for end users living in different climatic conditions and how it can be achieved. He brought several pieces of sports clothing which the students examined and understood the concept that was discussed by the guest.

Outcome of the Event:

Students understood the principles and concepts that govern the design of sports textiles for users in different climatic conditions.



Handloom Day 2022

Event Date: 05.09.2022 to 09.09.2022

Co-ordinators: Dr. G. Ramakrishnan, Professor & Head, Department of Fashion Technology, KCT

Dr. B. Poongodi, Assistant Professor, KCT Business School

Dr. R. Priyadarshini, Asst. Professor II, Department of Fashion Technology, KCT

Ms. Pooja P, Asst. Professor I, Department of Fashion Technology, KCT

Participants:

No. of students: 50

HANDLOOM DAY 2022 -“Exhibition Cum Sale & Student Contests in collaboration with Sree Sowdambika Handloom Weavers Society & Samathur Weavers” was organised for the pre-final and final year students of Fashion Technology and also external participants.

Handloom Day event was started with exhibition cum sale of handloom sarees and apparels from different weavers society & clusters which was held on 05/09/2022 – 09/09/2022

Followed by draping competition, Students participated with much involvement in draping of handloom sarees, held on 05/09/2022. Quiz Contest was about the awareness on handloom knowledge, held on 07/09/2022 for the III year & Final Year students.

Outcome of the Event:

To promote the handloom business of Aruppukotai & samathur weavers. To create awareness about handloom products among students through contest.



Workshop on GEMINI CAD

Event Date: 20.9.2022 and 21.9.2022

Co-ordinators: Dr.S.Kavitha, Asst Prof III, Department of Fashion Technology, KCT

Dr. G. Ramakrishnan, HOD, Department of Fashion Technology, KCT

Internal Participants

No. of students: 26

No. of faculties: 3

First day -All the students have registered and installed the software. Resource person Mr.Ravichandran explained the about tools and procedure for pattern drafting and grading.

T shirt pattern and grading exercise were done by all the students

Second day – Trouser and skirt pattern and grading were done by the students. Doubts were cleared. Marker planning procedure was taught and demonstration also given. HOD thanked the resource person and congratulated students for their active participation.

Outcome of the Event:

Hands on training to work in Gemini CAD and learnt pattern making and grading for T shirt, trouser and skirt.

SDC Lecture Series

Event Date: 01.10.2022

1. *Innovations for Sustainability in Textile Processing* by Mr. Sai Ganesh VR, CEO, Zydex Industries.
2. *Washing Techniques for Denim*, Mr. Sachin Pulsay, Consultant, SINN Denim.
3. *Types of yarns, its uses and dyeing with Supercritical CO₂*, Mr. Sandeep Singh, Factory Head, Chacha Lifestyle.

Co-ordinators: Dr. Bhaarathi Dhurai, Professor, Department of Fashion Technology, KCT.

Dr. R. Priyadarshini, Asst. Professor II, Department of Fashion Technology, KCT

Participants:

No. of Students: 50

Faculty Members: 3

The guest spoke about how Zydex offers sustainable solutions for farm to fashion. He discussed in detail about chemical free sustainable farming of cotton, which is the beginning of sustainable fashion. Various denim finishes and commercial decorative printing and presented elaborately with sample images of the actual prints giving better exposure to the students on fabric and garment value addition. Elaborated on the different types of yarns and its uses. The sessions were very interactive and the guests' delivered lectures in a simple manner allowing students to gain ample information on the topic.

Outcome of the Event:

Students gained information and exposure on sustainable cultivation of cotton fibres, on decorative printing techniques and on different types of yarns.



"Innovations for Sustainability in Textile Processing" by Mr. Sai Ganesh VR, CEO, Zydex Industries.



"Washing Techniques for Denim", Mr. Sachin Pulsay, Consultant, SINN Denim.



Types of yarns, its uses and dyeing with Supercritical CO₂, Mr. Sandeep Singh, Factory Head, Chacha Lifestyle.

One Credit Course

Event Date: 9.11.2022- 10.11.2022

Co-ordinators: Dr. Nithyaprakash. V, Associate Professor, Department of Fashion Technology, KCT.

Participants:

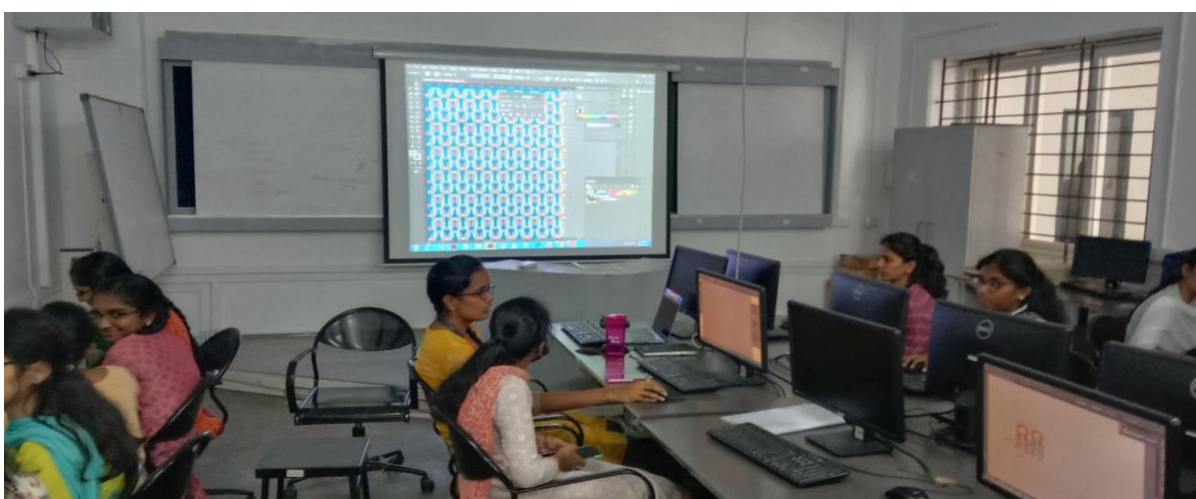
No. of students: 47

No. of faculty/Research Scholars/Other: 2

Resource person: Mr. Lakshminarayan S.

The one credit course U18FTC0001 Computer Aided Textile and Apparel Designing as conducted for III-year FT students on 09/11/22 AND 10/11/22. The one credit course provides hands on training in the areas of Fabric Swatch Design, Mood Board Making on digital platform Adobe Illustrator.

Outcome of the Event: Students shall be able to design woven fabric swatches, knit fabric swatches, make mood boards, and simulate different color combinations using Adobe Illustrator.



Career Guidance Lecture on Fashion Designing: Corporate Expectations and Skills Required

Event date: 16.11.2022

Resource Person: Ms. Anne S

Division Head – Workaholic, Advanced Clothing Concepts (ACC) Coimbatore

Dr. G. Ramakrishnan, Prof. & Head, Department of Fashion Technology, welcomed Ms. Anne and addressed the gathering. Our guest Ms. Anne was invited to present the lecture. She introduced the various

career opportunities for fashion aspirants. She convened an interactive session with our students and discussed the roles and responsibilities of various job roles in the fashion industry.

Ms. Anne highlighted on the skills required for securing placements in apparel companies with a special emphasis on skills that are more sought after when applying for positions in ACC. She discussed in detail the various roles in ACC that are open to fresher's who complete undergraduate and post graduate degrees in Fashion Technology. Dr. Priyadarshini R coordinated the discussion after the lecture and delivered the vote of thanks.



Value-added course on Indian Art Forms

Event date: 07.10.2022 to 30.11.2022 (30 Hours)

Coordinator: Mr. S.Chandrakumar, Asst Prof (Sr.G)

Dr. G. Ramakrishnan, HOD - FT

Participants:

Internal Participants: 52 students

External Participants: Nil

A welcome address was given by Ms. Vinushaa.E (20BFT040). The event's objective is to enhance the student's creativity in the different art forms and techniques of Indian and foreign traditions. To support the student to understand the applications of art forms for the interior.

The course was a perfect hands-on training, and demonstrations, which gave a good insight into each topic and triggered the interests of the students. After the completion of the course, an assessment was conducted for the participants based on the marks gained in the assessment and assignment, a course participation certificate will be issued to the students.

Outcome of the Event: Using the ideas from the course, the participants can improve their creative skills.

- Understand the different Art Forms.
- Understand how to work on different media and the materials used.
- Understand how textures are created.
- Know to paint without a brush
- Participants will be able to learn and create new objects cost-effectively.
- Participants can make gift articles to be presented.



Workshop on Embroidery: Hands on Training

Event date: 23.11.2022

Coordinators: Mr. A. Thambidurai, Asst. Professor I

Dr. G. Ramakrishnan, HOD - FT

Internal Participants: 100 students

External Participants: Nil

The event's objective is to enhance the student's creativity in the different basic techniques or stitches of the earliest embroidery like chain stitch, buttonhole or blanket stitch, running stitch, satin stitch, and cross stitch. The resource persons explained about contemporary embroidery which is stitched with a computerized embroidery machine using patterns digitized with embroidery software. Also explained on different types of "fills" add texture and design to the finished work. Machine embroidery is used to add logos and monograms to business shirts or jackets, gifts, and team apparel as well as to decorate household linens, draperies, and decorator fabrics that mimic the elaborate hand embroidery of the past.

There has also been a development in free hand machine embroidery, new machines have been designed that allow for the user to create free-motion embroidery which has its place in textile arts, quilting, dressmaking, home furnishings and more. Users can use the embroidery software to digitize the digital embroidery designs. These digitized designs are then transferred to the embroidery machine with the help of a flash drive and then the embroidery machine embroiders the selected design onto the fabric.

Outcome of the event: The course was a perfect hands-on training, and demonstrations, which gave a good insight into each topic and triggered the interests of the students.



Two days- Workshop on Free Style Embroidery

Event date: 13.12.2022 & 14.12.2022

Coordinators: Dr.V.Krishnaveni, Associate Professor, Dept. of Fashion Technology

Dr.G.Rajkumar, Associate Professor, Dept. of Fashion Technology

Internal Participants: 45 students

No. of faculty/Research Scholars/Other: 1

They are having the subject of Garment Components Fabrication Subject in this current semester. In that subjects, stitches and seams are the part of unit content. Apart from theoretical knowledge, In order to get the industrial practice exposure , have arranged the workshop for the students from Madura Coats Industry Expert, Chennai on 13-12-22 & 14-12-22 two days for the benefit of understanding the stitches, method of working procedures, tools required and product sampling preparation. The resource person Mrs P.Sasikala from, Madura Coats Industry, Chennai has guided and given the training to the students to make understand on the stitches, stitching procedure, stitch article development used in different areas.

Outcome of the event:

- Students get to know about the stitch materials and different types of stitches used in different garment applications with its specific end product.
- It will help the students to use their understanding in future research purpose and garment designing also.



Industrial Visit to ICAR-CICR, Coimbatore

Event date: 16.12.2022

Coordinators: Dr.S.Kavitha, Assistant Professor III, Dept. of Fashion Technology

Firstly we visited Central Institute for Cotton research (ICAR-CICR) where we met Dr.R.Raja, Principal Scientist of Agronomy ,who taught about the entire process of cotton growth from the seed. He also explained us the classification of includes *Gossipium Hirsutam*, *Gossipium barbadense*, Egyptian cotton etc. The researcher shared his entire experience on the cotton research done so far and the cultivation of cotton in various areas of south India.

Major point Discussed:

1. How to improve the cotton productivity?
2. Technologies used for cotton cultivation and Harvesting.
3. Natural pesticides used for cotton cultivation
4. Varieties of cotton
5. Classification of cotton according to the enduses
6. Coloured cotton technology
7. Import and exports of cotton among the countries
8. Advanced machine Technology used for cotton cultivation
9. Production and productivity of cotton in different regions of India
10. Strategies used for improving the cotton cultivation
11. Recent research in cotton production includes the modifying the genes of cotton.



Industrial Visit to Decathlon Industry, Coimbatore

Event date: 27.12.2022

Coordinators: Dr.V.Krishnaveni, Associate Professor, Dept. of Fashion Technology

Mr.S.ChandraKumar, Assistant Professor(SRG), Dept. of Fashion Technology

Decathlon is a sporting goods retailer based in France. It is the world's largest sporting goods retailer, with over 1,697 stores in 60 countries and regions. One among the store was located in Neelambur, Coimbatore. Where we visited large number of sports garments and materials. They have the materials for 70 different sports and 5000 variety of products. Mostly used fibres in Decathlon's products are cotton, organic cotton, polyester, elastane, recycled polyester, recycled cotton etc., Each and every products are categorized under different categories as beginners, intermediate, advanced, intensive, mid intensity, regular, occasional, weather and eco design.





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