TRENZETTER

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DEPARTMENT OF FASHION TECHNOLOGY

EDITOR IN CHIEF: DR. R. PRIYADARSHINI,

HEAD/FASHION TECH

EDITOR : MS. P. POOJA,

ASSISTANT PROFESSOR/FASHION TECH

DESIGNED BY: AMRITHA K S (20BFT002)

From the Editor's Desk

Greetings!

"What you wear is how you present yourself to the world, especially today, when human contacts are so quick. Fashion is instant language" said Miuccia Prada, the Head Designer of Prada, the Italian Fashion Brand. Fashion is ever changing but style is largely influenced by culture, tradition, beliefs and sometimes even the ambience and environment we thrive in. Fashion can largely mean many things to different people. Fashion Technology is not just about creating high-fashion for the red carpet but can also has other facets such as that explores science and technology for the development of high-performance apparels that meet diversified end uses yet mindful about sustainability aspects.

In the era of fast fashion where cheap clothing is rapidly sold out to meet the trend of times, there is a call across the globe to adopt sustainable fashion or eco fashion and/or engage in circular processing thereby avoiding dump of waste as landfills. The process of making clothing has several back processes and preparatory methods that cannot be completely altered instantly in order to achieve sustainability in fashion. However, by taking slow and steady steps towards minimising use of conventional materials and by inception of concepts such conscious fashion may help in achieving sustainability in fashion.

I am glad and happy to be leading the Department of Fashion Technology since Olst January 2023. We, the Department of Fashion Technology – the faculty members and the students are aware of the facts of sustainability and will ensure that our endeavours are directed towards development of new products that are sustainable and also contribute to the UN's Sustainability Development Goals. "There is no Plan(et) B" says the paper bags of a reputed brand. We believe that our efforts and initiatives, if not largely, will positively impact human welfare and the save the planet we live in!

Thank you.

Best.

Dr. -Ing. Priyadarshini.R

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

Mr A Pavendhan,Associate Dean, Textile Cluster

Dr R Priyadarshini, Head-FT & Assistant Professor (II)

Dr G Ramakrishnan,Professor

Dr Bhaarathi Dhurai, Professor

Dr G Rajkumar, Associate Professor

Dr V Krishnaveni, Associate Professor

Dr V Nithyaprakash, Associate Professor

Dr S Kavitha, Assistant Professor (III)

Mr S Chandrakumar, Assistant Professor (Sr.Grade) Mr A Thambidurai, Assistant Professor (I)

Ms P Pooja, Assistant Professor (I)

Ms C Srinidhi Deepthi, Assistant Professor (I)

Mrs K Prema,Junior Engineer

Mrs R Krishnaveni, Junior Engineer

Mrs V Deepa, Technical Associate

Mr S Velusamy, Technical Associate

Mrs S Mary, Technical Associate

Mrs S Chandra, Associate



CONTENT

- Faculty participation
- Students participation
- International relations
- Faculty as a resource person
- Paper reviewed / presented / Publications
- Yugam 2023
- MOUs signed / Activities
- Industry Institute Interaction
- Industrial visits
- Events organized



FACULTY PARTICIPATIONS

Executive Development Program On

"Industrial Textiles"

Date: 12.12.2022-16.12.2022 **Faculty Name:** Dr.G.Rajkumar

Organizer: ITTA



National Level Faculty Development Programme On "Innovative Teaching Strategies And Tools In The Digital Age"

Date: 09.01.2023-29.01.2023 Faculty Name: Ms. Pooja P Organizer: Scrollwell



Industrial Engineering
Date: 06.02.2023

Faculty Name: Dr.S.Kavitha

Organizer: PSG



Composite Materials

Date: 07.02.2023-09.02.2023 **Faculty Name:** Dr.G.Rajkumar

Organizer: ICAR-CIRCOT



Workshop on Technology Readiness Level

Date: 10.02.2023

Faculty Name: Ms. Pooja P, Ms.

C.Srinidhi deepthi
Organizer: KCT

Sustainable Textile Hub

Date: 15.03.2023

Faculty Name: Dr. R.Priyadharshini,

Dr.G.Ramakrishnan

Organizer: Madura Coats Private

Limited

FDP on Policy initiatives and quality enhancement in higher education

Date: 27.03.2023

Faculty Name: Dr.V.Krishnaveni Organizer: ACT Academy & Academic and Research

Conglomerate



FDP on Policy initiatives and quality enhancement in higher education

Date: 27.03.2023

Faculty Name: Mr.A.Thambidurai

Organizer: ACT Academy & Academic

and Research Conglomerate



National Level Seminar on Apparel ERP and Digital Marketing

Date: 13.04.2023

Faculty Name: Mr.A.Thambidurai Organizer: Department of FT, KCT



Inclusive Procedures and Processes for NAAC Assessment and Accreditation

Date: 24.04.2023 - 30.04.2023

Faculty Name: Mr.S.Chandrakumar Organizer: ACT Academy & Academic

and Research Conglomerate



National Level Seminar on Apparel ERP and Digital Marketing

Date: 13.04.2023

Faculty Name: Ms. Pooja P

Organizer: Department of FT, KCT



National Level Seminar on Apparel ERP and Digital Marketing

Date: 13.04.2023

Faculty Name: Ms. C.Srinidhi Deepthi Organizer: Department of FT, KCT



National Level Seminar on Apparel ERP and Digital Marketing

Date: 13.04.2023

Faculty Name: Dr.V.Krishnaveni Organizer: Department of FT, KCT



National Level Seminar on Apparel ERP and Digital Marketing

Date: 13.04.2023

Faculty Name: Mr.S.Chandrakumar **Organizer:** Department of FT, KCT



FDP on "Industrial Revolution: Role of Higher Education in Developing the Future Workforce"

Date: 22.05.2023-29.05.2023 Faculty Name: Dr.V.Krishnaveni

Organizer: ACT Academy

Innovative teaching and learning Pedogogy

Date: 27.05.2023-31.05.2023 **Faculty Name:** Dr.S.Kavitha

Organizer: Research Foundation of

India & BPIT, Delhi

SABBATICAL Faculty Training on Fashion design & illustration/Painting Date: 01.06.2023-30.06.2023 Faculty Name: Mr.S.ChandraKumar Organizer: Raviraj College of Fine Arts, Coimbatore.



National e-Workshop on Innovation & Intellectual Property Rights
Date: 12.06.2023-17.06.2023
Faculty Name: Dr.V.Nithyaprakash
Organizer: Innovative Technology
Enabling Centre(In TEC), CSIR-IMMT,

Bhubaneswar



National e-Workshop on Innovation & Intellectual Property

Rights

Date: 12.06.2023-17.06.2023 **Faculty Name:** Dr.G.RajKumar

Organizer: Innovative Technology Enabling Centre(In TEC),

CSIR-IMMT, Bhubaneswar



Industrial training on Export documentation

Date: 15.06.2023-30.06.2023

Faculty Name: Ms.C.Srinidhi Deepthi Organizer: Sree Baba Fabrics, Karur.



VISIT & INAUGURATION OF EXPERIMENTA SCIENCE CENTRE



On 28.02.2023, From the Department of Fashion Technology Ms. Pooja P (Asst. Prof/FT), Ms. C. Srinidhi deepthi (Asst. Prof/FT) attended the inauguration & visited the Experimenta Science Centre, GD Museums in Coimbatore.



BASICS OF SAORI WEAVING

EVENT DATE: 15.06.2023-16.06.2023



Dr. R. Priyadarshini (Head incharge & AP / Fashion Technology) attended the 2-day training on Saori Weaving in Shuttles and Needles, a weaving studio in Chennai. "Saori" – "Sa" meaning everything has a unique identity and "Ori" meaning Weaving. The loom is a two heald shaft handloom with treadles for shedding, shuttle for picking and a reed for beat-up. Weaving the loom requires synchronous movement of the feet and hands. (This took a day's practice for me). Once our hands and feet are able to operate the loom, then creativity has to just flow. Our M.Tech student Gnanavasanthi also visited the studio for exploring possibilities in the studio for her New Product Development project.

SABBATICAL FACULTY TRAINING ON FASHION DESIGN & ILLUSTRATION/PAINTING

EVENT DATE: 01.06.2023-30.06.2023



The internship enhanced my knowledge of wet and dry styling of drawing strokes and concentrated on painting such as murals – antique, contemporary art, etc. enhanced my knowledge and got the latest updating in practical skills on fashion design, illustration, and various kinds of colour rendering methods. The internship will help to conduct experiments for the Fashion Design, and Portfolio Design & Collection laboratories and theoretical subjects taught in UG.

Attended a one-month internship in fashion design/illustration, and painting. In Raviraj College of Fine Arts Coimbatore 641109 (Affiliated to Dr. J. Jayalalitha University of Fine Arts Chennai). From 1st to 30th June 2023. It was a practical-oriented internship. Mr.Raviraj Principal of the institute and Mr. Murugesan Faculty of Painting dept conducted practical classes.

INDUSTRIAL TRAINING IN SREE BABA FABRICS, KARUR

EVENT DATE: 15.06.2023-30.06.2023

Ms. Srinidhi Deepthi, Assistant Professor undertook an Industrial Training from an Export house, Sree Baba Fabrics, Karur for 15 days from 15th June 2023 to 30th June 2023.

Baba Exports is a manufacturer and Exporter of Interior and exterior Home decor Textiles where she had been exposed to training from all the basic manufacturing process till Export Procedures.

It has been a great learning opportunity to know about all the Export procedures and Regulations to various countries in real time. Thanks to the team of Sree Baba Fabrics for extending the support on this I ndustrial Training.



3RD INTERNATIONAL CONFERENCE ON FUNCTIONAL TEXTILES & CLOTHING IN IIT DELHI

DATE: 10.02.2023-12.02.2023

On 12.02.2023, Ms. R. K. Niveda, Phd Scholar, presented a paper on Development of cost effective eco-friendly sanitary pads for rural women better health & sanitation.

On 12.02.2023, Ms. Subashini JM presented a paper on Development of Woven PPE with Regenerated Fibers to Enhance the Comfort Properties of the Wearer with Antimicrobial & Liquid Barrier Nano Particle Finish.

On 12.02.2023, Ms.S.Kalaiarasi, I year, PG Scholar, presented a paper on Development of Microencapsulated Health Care Apparel for Parkinson's disease.



Feedback from Ms.S.Kalaiarasi, I year, PG Scholar.

I recently had the opportunity to visit IIT Delhi to take part in the FTC conference on (10, 11, 12 February 2023) and I'm so glad that I got the chance to present my paper over there, It was an amazing experience.

The campus was huge, with a variety of facilities, including libraries, labs and even sports grounds. The research presented at the conference was inspiring, and I felt like I was surrounded by the best minds in the industry.

It was a great opportunity to learn more about their research in technology and its applications in everyday life.

The paper presentation went very well, with a lot of positive feedback from the experts. It was an enriching experience to interact with so many brilliant minds in one place.

TRAINING PROGRAMME AT "TANEIRA"

DATE: 20.02.2023-22.02.2023

From the Department of Fashion Technology
Ill year students
20BFT009- Jennifer Jasprin,
20BFT034- Surya D,
20BFT036- Thilothika T
attended the training programme
conducted at
Taneira brand store, Coimbatore.



Feedback from Thilothika T, III year, UG Scholar.

We attended the intern training at Taneira for 3 days. The trainer's teaching was very exceptional and easy to understand.

I enjoyed the training anchored by Anne mam. Day one we learnt about birth of Taneira. Day two we had gone through on their product details.

Day three was about customer engagement and service. The Second phase was very interesting, it's about their product designs, weave pattern, origin of design.

She added it up with practical and real-life experiences. The training was innovative and mind enlarging. It was very easy to listen, and it was just the right mix of theory, practical demonstration.

Rather than teaching us everything, we were made to understand the designs and workmanship. The Training materials were provided; the concepts about the training were very detailed and self-explanatory.

Thanks a lot, to the facilitators.

Thetraining was awesome! I wish the session didn't end. It was overall an enlightening experience. It was very engaging and proved extremely relevant to our field. I would like to thank the organizers and Taneira team for giving us this opportunity.

Feedback from Jennifer Jasprin, III year, UG Scholar.

I would like to express my gratitude and appreciation for the wonderful training program provided by Taneira. It was an enriching experience for me and my team.

The hands-on training that we received from your experts was extremely valuable in enhancing my knowledge and skills related to the unique products designed by Taneira. The practical exercises helped us to understand the intricacies of various designs, weave pattern, their properties, and how to identify them.

The training from day one to day three was very informative and helped us to learn about the techniques used specifically at Taneira. I came to know a lot about Taneira as a brand and what makes its products so special. I must appreciate the efforts of your entire team in organizing such a well-structured and informative training program.

The content was well-designed and delivered by the trainer Ms.Anne Joseph, who was highly knowledgeable and experienced. Once again, thank you Taneira and the organisers, so much for providing me with this opportunity. We look forward to continuing our association with you in the future.

Feedback from Surya D, III year, UG Scholar.

"The training was extremely interesting and useful. We attended the internship training at TANEIRA (Gandhipuram), a TATA Titan outlet for clothing, for 3days. The training was conducted by Anne mam.

At the first day of training we learned about the 7 promises of taneira. And the next day we learned about the weaves, buttas, butties, dyes, printing techniques and the origin of the each type of sarees.

And then the last day of training was about customer engagement and service.

We were made to understand the designs and workmanship.

The Training materials were provided; the concepts about the training were very detailed and self-explanatory. There were quite a lot of things I learned personally through the session. Thanks so much for your very valuable training. I really enjoyed it."

STTP ON MAKING OF BIODEGRADABLE SANITARY NAPKINS FROM NATURAL FIBRE



From the Department of Fashion Technology II year students 21BFT014-Jaya Rithikaa S, 21BFT016- Kavya M attended the training programme on making of biodegradable sanitary napkins from natural fibre conducted by Department of Fashion Technology, KCT, Coimbatore.



DATE: 28.04.2023-29.04.2023

TOGOLESE DELEGATION VISIT TO KUMARAGURU COLLEGE OF TECHNOLOGY

The Togo Team was welcomed by Dr.D.Saravanan, Principal and KCT Team. The welcome address was given by Dr.D.Saravanan Principal / KCT where he highlighted about about the legacy of the Institution and welcomed the Togo Team.

Mr.U.Kathiravan Senior Manager – Talent Acquisition has presented about the Kumaraguru College of Technology, Coimbatore where he highlighted about infrastructure established, ab research facilities, co-curricular activities, about the rich diversity of the college, programme offered, and about the proud alumnus and the collaborations of KCT with other universities worldwide.

Dr .Satish Sagadevan, highlighted on KCTs connect with International universities across the globe and the type of collaboration.

Dr.R.Priyadarshini HOD / Fashion Technology highlighted about the Department of Fashion Technology & Textile Technology, the facilities offered, the research projects and explained about the programmes and skill development projects.

Dr.G.Ramakrishnan, Professor, Department of Fashion Technology/ Head-NFRC highlighted about the NFRC and KCT-TIFACCORE about its achievements so far and successful projects to the participants and about the natural fibers products which was commercialized.

Dr.G.Ramakrishnan and Dr.B.Poongodi, Associate Professor, KCTBS spoke about the Centre for Weavers and highlighted its progress and the innovations in hand loom jacquard developed and about the skill development work.

Then the display of natural fibre product development was showcased and explained clearly by KCT Team to the Togo Team where the Team appreciated the skill in the work.







The Togo Team was taken for the campus tour where they have visited the mechanical, textile& fashion technology departments and also the various facilities for the student welfare was discussed.

The team was taken to GARAGE were Mr.Kiranlal explained about KCT participation in Monacco boat Challenge and how our students designed and developed the boat.

The Togo Team admired the infrastructure, the hospitality and the outputs of the projects so far done.

The team was happy about learning thing today from KCT and thanked all the faculties and highly appreciated for the team work.

Outcome of the Event: Based on the discussions KCT team had with Togo team, collaboration with two countries can be evolved in the following domains.

Togo team was highly impressed with our Textile and Fashion Technology facilities and on the research and consultancy work carried out.

University of Togo will be happy to connect with KCT and informed Principal to share the procedure and formalities for collaboration work.

Momentos were presented to the Togo Team by Principal where the Team has registered their wonderful experience with KCT.

The Togo Team Left the college at 6.40pm. Dr.B.Poongodi/KCTBS gave vote of thanks.important activity in TOGO and would like to collaborate with KCT on possible ways.

KCT connect with France also possible through TOGO collaboration.



EVENT DATE: 21.06.2023

FACULTY AS RESOURCE PERSON

AVNI- NATURE & WILDLIFE PHOTO EXHIBITION AT BOSCH GSW SE, COIMBATORE

EVENT DATE: 27.06.2023



No. of Internal Participants: 50

On 27.06.2023, From the Textile Cluster, Mr. A. Pavendhan (Associate Dean/FT), invited for deliver a talk on 'Nature Conservation through Photography", and Chief Guest to the event, AVNI- Nature & Wildlife Photo Exhibition at BOSCH GSW SE, Coimbatore.

PAPER REVIEWED/ PRESENTED/ PUBLICATIONS

JOURNAL PUBLICATIONS

- 1. **Dr.G.Ramakrishnan,** A review on improving quality parameter of linen yarn for Knitting published in International Journal of Research Publication and Reviews/4/1/1167-1169/, International journal, Jan 2023.
- 2. **Dr.G.Ramakrishnan**, Development of viscose/polyester wipes and evaluation of properties of shrinkage and absorption/4/1/36-40, published in International journal, Jan 2023.
- 3. **Dr.G.Ramakrishnan**, A study on comfort properties of naturally dyed novel innerwear for disabled, published in National journal, Jan 2023.
- 4. **Dr.G.Ramakrishnan**, Chemical treatment of linen fibres and assessment of fibre properties to develop yarns and knitted apparels (Part 1)/COLOURAGE/Feb 2023/pages30-34, collaboration with Dr S Pitachai /Textile Consultant, published in National journal, Feb 2023.
- 5. Dr.G.Ramakrishnan, Sweat pads using pure linen fabric with comfort properties published in COLOURAGE/26-31, Mar 2023.
- 6. **Dr.G.Rajkumar**, Varshalini.S, Personal protective gear: a review published in International Journal of Research Publication and Reviews, 4(3), 813–820, Mar 2023.
- 7. **Dr.G.Ramakrishnan**, A Study on Present Status of the dyers of Handloom Industry-A Review published in Colourage/30-33, May 2023.
- 8. **Dr.V.Krishnaveni,** Design and Development of Foot Fissures Healing Product for Protective Applications published in UGC-CARE journal, May 2023.
- 9. **Dr.V.Nithyaprakash,** S. Niveathitha, and **A.Thambidura**i Sustainable Textiles: Production, Processing, Manufacturing & Chemistry Interventions published in Traditional Clothing Systems Through Anthropological Perspective, June 2023.
- 10. **Dr. G. Ramakrishnan, Dr. B. Poongodi, Dr. R. Priyadarshini, Sri Ganapriya**, Exploring the potential of natural dye and it on application on handloom fabrics-Indian madder, June 2023.

STUDENTS PAPER PRESENTED

Nithyasri, Visalakshi, Dhebika presented a paper on "Development of viscose/polyester wipes and evaluation shrinkage and absorption/International journal of research publication and reviews.

PAPER REVIEW

- 1.**Dr.G.Ramakrishnan** reviewed a paper on "Analysis of Transverse Compression behaviour of Yarns and fabrics during composite formation", Journal of Industrial Textiles
- 2.**Dr.V.Krishnaveni** reviewed a paper on "Phytochemical and Antimicrobial Properties of Medicinal Plant Crude Extract, Woodfordia fruticosa Linn. From Marathwada, Maharashtra State", Journal of Biochemistry International.
- 3.**Dr.G.Rajkumar** reviewed a paper on "Composite resistance analysis and test design for low-speed impacts", Journal of Industrial Textiles.
- 4.**Dr.G.Ramakrishnan** reviewed a paper on "Evaluation of the Performance Properties of Modacrylic-Cotton Blended Underwear Fabrics Manufactured for Fire Fighters", Textile Research Journal.
- 5.**Dr.G.Rajkumar** reviewed a paper on "Recent Advances of textile sorbents for oil spills cleanup: a critical review", Journal of Industrial Textiles.

PAPER PRESENTED

- 1.**Dr.G.Ramakrishnan** presented a paper on "Application of Natural Dyes on handloom fabrics towards making sustainable apparels", International Conference on Integration of advanced technologies for Industry 4.0(ICIATI), KCG College of Technology, Chennai.
- 2.**Dr.G.Ramakrishnan** presented a paper on "Analysis of Transverse Compression behaviour of Yarns and fabrics during composite formation", Journal of Industrial Textiles.
- 3.**Dr.G.Ramakrishnan** presented a paper on "A review on improving quality parameter for linen yarn", International journal of research publication and reviews.

RESEARCH FUNDS

KCT SEED FUNDING

NAME OF THE FACULTY	AMOUNT OF SEED MONEY	DURATION OF THE GRANT	NATURE OF ACTIVITY	OUTCOME OF THE ACTIVITY
Dr.G.Rajkumar	Rs.100000	18 months	Research	Product and
	June 2023			research paper

FUNDING FROM EXTERNAL AGENCIES

NAME OF THE PI	NAME OF THE CO-PI	TITLE OF PROJECT	NAME OF THE FUNDING AGENCY	TOTAL GRANT SANCTIONED IN LAKHS	TOTAL AMOUNT RECEIVED IN LAKHS
Dr.G.Ramakrishnan	Dr.Poongodi/AP/	Development	AICTE-IKS	13.2 Lakhs	8.60
/Professor/FT	KCTBS	and			Lakhs
	Dr.R.Priyadarshini	Application of			
	AP/FT	natural dyes			
		for reviving			
		handloom and			
		improving			
		human			
		wellness			

REVENUE GENERATED FROM CONSULTANCY

NAME OF THE FACULTY	NAME OF THE CONSULTANCY PROJECT	COSULTING / SPONSORING AGENCY	REVENUE GENERATED
Dr.G.Ramakrishnan	STTP Program on Testing of Textiles and Apparels	CIDT College, Chennai	Rs.10,000

TINT FABRIC WITH GOND ART DATE: 28.02.2023





K FASHIONIST DATE: 02.03.2023





TRENDZ '23

DATE: 04.03.2023









AYURVASTRA PVT LTD

On 10.02.2023, under this MoU activity from the department of Fashion Technology Dr. R. Priyadarshini (Asst. Prof. & Head incharge/FT), Dr. G. Ramakrishnan (Prof/FT) & Dr.B.Poongodi (Asst. Prof/KCT-BS) visited Ayurvastra Pvt Ltd.







MOU SIGNED WITH UMPESL

Department of Fashion Technology has signed another MoU with UMPESL on 23rd March 2023. The partners have jointly established the Knit Design Lab – an industry sponsored lab which is equipped with Shimaseiki® Design System (SDS) Apex 4. Training to faculty members (Train the Trainers) has already been initiated and ongoing now. Under this MoU, the institution is determined to provide exposure to the students of Textile and Fashion domains on Techniques of Digital Printing, Needle Punching, Garment Cutting, Flat Knitting, etc. through guest lectures, seminars, certificate courses, etc.



Inauguration of Knit Design Lab



Signing MoU with UMPESL (formerly Voltas)

MOU SIGNED WITH MASTER LINENS INC.

Department of Fashion Technology renewed its MoU with Master Linens Inc. (Karur) on 17th March 2023. The MoU was signed between Mr. Sethu, MD of Master Linens Inc. and Dr. D. Saravanan, Principal-KCT.

The event was presided over Mr. A. Pavendhan, Assoc. Dean-Textile Cluster-KCT. Faculty members of the Departments of Fashion Technology and Textile Technology were present during the event.

During the previous tenure of the MoU between 2019 & 2022, faculty members have initiated collaborative capstone projects in the levels of both undergraduate and postgraduate, and a structured Protosem for Textile and FT students with the sole aim of new product development.

Master Linens Inc. has already absorbed students from Fashion Technology who are undergoing internship in Industrial Engineering and Merchandising as a part of the recruitment.



INDUSTRY-INSTITUTE INTERACTIONS

FASHION TECH MEETS ARANYA NATURAL, MUNNAR

DATE: 09.02.2023

On 28.02.2023, From the Department of Fashion Technology Dr.Bhaarathi Durai (Professor), Dr.R.Priyadharshini (Asst. Professor II &Head I/C), Ms. P.Pooja (Asst. Professor I), Ms.K.Kala Priya (Asst. Professor II/SFS-KCT) attended the meeting with Aranya Naturals to discuss about the possible collaboration between the fashion technology department and know about their brand.



MAG SOLVICS, COIMBATORE

DATE: 10.02.2023

Dr. G. Ramakrishnan (Prof/FT) and Dr. R. Priyadarshini (Asst. Prof. & Head incharge/FT) visited MAG SOLVICS unit in Solavampalayam, Coimbatore for a discussion with Mr Dandhayudhapani, CEO-MAG SOLVICS on the establishment of a joint research & facility in the Department of Fashion Technology. The discussion also included joint research activities and establishment of an industry-sponsored facility in the campus. The faculty members were given the opportunity to visit the manufacturing, assembling and quality control units of the company.



INVITED TO INAUGURATION OF WEAVERSHALA IN SIRUMUGAI AND TANEIRA (A TATA PRODUCT) IN COIMBATORE

DATE: 08.02.2023

From the Department of Fashion Technology, Textile Technology & KCT Business School Mr.A.Pavendhan (Asso.Dean- Textile Cluster), Dr.R.Priyadarshini(Head I/C), Ms.P.Pooja (Asst. Prof/FT), Ms.Sukanya Devi (Asst. Prof/Textile), Dr.Poongodi (Asst Prof/ KCT.BS) attended the inauguration of weavershala in Sirumugai & Taneira (A Tata Product) brand store in Coimbatore.



ASIAN FABRICS AND MASTER LINEN, KARUR

DATE: 13.02.2023

The faculty Team members of Dr.V.Krishnaveni (Associate Prof/FT), Dr.G.Rajkumar (Associate Prof/FT), Dr.V.Nithyaprakash (Associate Prof/FT), C.Srinidhi deepthi (Assistant Professor/FT) has visited the following industries such as Asian Fabrics unit in Karur & Master linen, karur for NTTM Project proposal purpose. The visit is planned to identify the new technology machineries available in the industries related to home textiles. We had a long discussion with Mr.M.Palanivelrajan- Chief Operating Officer & Mr.Chandrasekaran -DGM in Asian fabrics and Mr.Seeetha Raman, Vice president, strategic planning in master linen industry regarding the suitable machines and budget of the machines related to home textiles. The faculty members were given the opportunity to visit the manufacturing, assembling, testing & quality control units of the company.



MASTER LINEN, KARUR



ASIAN FABRICS, KARUR

DISCUSSION WITH SITRA

DATE: 24.05.2023

A team of faculty members from the Textile Cluster of KCT visited SITRA on 24.05.2023. Dr. D. Saravanan (Principal/KCT), Mr A Pavendhan (Assoc. Dean-Textile Cluster), Dr. R. Priyadarshini (Head i/c, Fashion Technology) and Dr. V. Ramesh Babu (Head, Textile) held discussions with the Director of SITRA Dr. Prakash Vasudevan and other experts from SITRA research labs.

The discussions primarily focussed:

- i) on establishing joint research groups comprising of faculty members from KCT, post-graduate and PhD scholars and experts from SITRA,
- ii) to provide internship for KCT students under the NTTM-GIST scheme,
- iii) extended concession in the testing charges for students and faculty,
- iv) to organise and conduct joint programmes and course offerings,
- v) participation of faculty members in SITRA technological conferences and annual conferences,
- vi) Internship and recruitment of post graduate students in SITRA. In conclusion, KCT expressed interest in signing a MoU with SITRA after the successful completion of few of the above.



DISCUSSION WITH FOREST COLLEGE & RESEARCH INSTITUTE

EVENT DATE: 26.06.2023

Resource Person: Dr. K. Kumaran, Professor& Head, Department of Forest Biology and Tree Improvement

Co-ordinators: Dr. G. Ramakrishnan (Prof./FT), Dr. B. Poongodi (ASP/KCTBS) & Dr. R. Priyadarshini (AP/FT)

No. of Internal Participants: No. of Faculties-4

Overview/ Description /Brief of Event: Forest College & Research Institute (FC&RI), Mettupalayam, has established the Consortium of Natural Dyes (CNAD) towards promotion of natural dye and its value added utilization.

Academic Institutions can avail membership in the consortium besides other stakeholders involved in natural dyeing. The IKS Project Team comprising of Dr G Ramakrishnan, Dr B Poongodi, Dr. R. Priyadarshini and Ms. Ganapriya (Research Associate – IKS Project) visited FC & RI for discussions on the membership and its benefits, and possible collaborative opportunities for research in this area.

Outcome of the Event: FC & RI can provide us raw materials for natural dye extraction per request. KCT can enrol for membership in the Consortium of Natural Dyes (CNAD) with a one-time payment of Rs. 10,000/- for academic institutions. KCT can sign a MoU with FC & RI for collaborative research in the field of natural dyes. KCT Faculty and Staff can participate in the Skill Development Programme that will be scheduled in the month of July 2023.



STUDENTS INDUSTRY PROJECT

NAME OF THE STUDENT	UG/ PG	NAME OF THE COLLABORATING INDUSTRY	TITLE OF THE PROJECT	NAME OF INTERNAL SUPERVISOR	NAME OF EXTERNAL SUPERVISOR
Shalini K R Harini Priya K S Varun S	UG	Innotex Materials Private Limited Coimbatore -641 085	construction of compression garments on high performance sports	Dr.Bhaarathidurai	Mr.AD Sathishkumar Innotex Materials, Coimbatore
Visalakshi Nithyasri Dhebika	UG	Innotex Materials Private Limited Coimbatore -641 085	Development of viscose/polyeste r wipes and evaluation of Properties of shrinkage and absorption	Dr.G.Ramakrishnan	Mr.AD Sathishkumar Innotex Materials, Coimbatore
Gowsalya.S	PG	M/s Master Linen	Study on Knittability of Linen Yarn and Development of Linen Apparel	Dr.G.Ramakrishnan	Mr.A.Sethu M/s Master Linen
Shrivarthini.V	PG	M/s Master Linen	Crease recovery Finish of Linen fabrics-	Dr.Bhaarathidurai	Mr.A.Sethu M/s Master Linen
Vaishnavi .A	PG	M/s Master Linen	To control the Limpness of Linen Fabric	Dr.D.Saravanan	Mr.A.Sethu M/s Master Linen
V.Barath J.Rithan T.Shivaprakash am	UG	M/s Master Linen	Improvisation of handloom products and exploring the capabilities different kind of handloom made linen products.	Dr.D.Saravanan	Mr.A.Sethu M/s Master Linen

STUDENTS IN-HOUSE PROJECT

NAME OF THE STUDENT	TITLE OF THE PROJECT	NAME OF THE GUIDE	OUTCOME OF THE PROJECT
Sathya	Design and	Dr Ramakrishnan G	New products from
Muralidharan	Development of		Jamakalams
Abitha	jamakalam from		
	recycled fibres		

COLLABORATION

DURATION (FROM & To)	TITLE OF THE COLLABORATIVE ACTIVITY	NAME OF THE PARTICIPANT	NAME OF THE COLLABORATING AGENCY
10.02.2023	Field study	Dr.R.Priyadarshini Dr.G.Ramakrishnan Dr.B.Poongodi	Ayurvastra Textiles
24.03.2023	Project work	Gowsalya	M/s Universal Agencies (Voltas),Tirupur

CLASSIC POLO (ROYAL CLASSIC MILLS), TIRUPPUR

DATE: 17.03.2023

The student of II Year, B.Tech. Fashion technology (45 Nos.) visited Classic Polo (Royal Classic Mills Pvt Ltd), Tiruppur on 17.03.2023 as a part of the industrial visit. The students able to understand the various process such as Washing & Dyeing, Knitting, Merchandising, Screen Printing, Product Development, Sampling, Cutting, Sewing, Finishing, Warehouse.



About the Company

The Royal Classic Groups is a vertically integrated textile firm which has been formed with a simple and straightforward aim – to provide quality clothing. With a 27-year-old legacy, RCG has set own knitting, dyeing, finishing, and garmenting infrastructure to maintain the quality. With more than 3000 trained employees working for and with the brand, Classic Polo makes sure that every piece of merchandise produced is nothing less than perfect. As they keep on upgrading our technologies, they ensure that our trained personnel also adapt to the advancements and join hands to reach our goal of delighting customers every time they visit store or possess merchandise. There end products are T-shirt, Polo T-shirt hoodies, vest, boxers, trunks, etc.

About the Visit

Firstly we visited the knitting department, wherein the different knitting machines are Interlock Electronic Jacquard, Interlock auto stripper 4 colour (30 dia), Pin stripe (small stripes), Rib/ auto stripper b4 colour (big strip), Single jersey striper (6 colour), Interlock auto striper jacquard (6 colours) etc. Then we continued with washing, drying, compacting, cutting, stitching, and finishing processes. After that we visited the design in-house & interaction with designer. Lastly, we visited warehouse, printing & embroidery unit.

KG DENIM, METTUPALAYAM (DATE: 29.04.2023)

The student of III B.Tech. Fashion technology (50 Nos.) visited KG Denim, Mettupalayam on 29.04.2023 as a part of the industrial visit. The students able to understand the various process such as Singeing, desizing, Scouring, Bleaching, Mercerizing, and dyeing. And the various tests before dyeing process such as Whiteness, pH, Absorbency, Spot Dyeing.

About the Company:

KG Denim is a premier denim and apparel fabric manufacturer, whose products are supplied to leading jeans wear makers, fashion brands and retailers worldwide. It sells its products under the trademark Indigo Fabrics with various lines like Strength, Pride, Ecstasy, Fortune and Passion and Trigger for readymade jeans. The comp]any has two wholly owned subsidiaries (a) Trigger Apparels Limited (b) K G Denim (USA) Inc. K G Denim (USA) Inc is yet to commence commercial operations. Trigger Apparels Limited Markets Trigger branded garments in the domestic market. The products are well sought after by leading Jeanswear makers, fashion brands and Retailers worldwide. KG Denim sells its products under the trademark Indigo Fabrics, with various lines like Strength, Pride, Ecstasy, Fortune, and Passion. KG Denim now has entered the home textiles market to provide innovative and specialized products for Beds, Blankets, pillowcases, and Duvet/comforter covers.

Product range of the company includes:

- Denim fabric
- Apparel fabric
- Jeanswear
- Bed & Bath linens

Trigger, its jeans wear brand is the largest selling brand in the country in its segment.

The product specialization comprises of the following:

- Superfine shirting denims, 100%Tencel, Recycled Tencel, Cotton/Tencel and Cotton/Linen blends, Weft Indigo, Dobby and Knit Look.
- Cadira Denim that considerably reduces Water, Waste and Energy Consumption.
- Post-Consumer Waste (PCW) Cotton, Recycled Cotton, Organic Cotton and Recycled Polyester.
- Smart Denim having Moisture management, Thermal Comfort and Anti-microbial properties.
- Soft Denim with less percentage of conventional cotton and blended wire regenerated cellulose.
- High stretch denims with high recovery.

SEMINAR ON LATEST DEVELOPMENTS IN USTER YARN TESTING

Event Date: 23.01.2023

Resource person: Mr. Sandeep Shen, Mr. Prabakaran

Co-ordinators: Mr. A. Pavendhan, Dean, Textile Cluster, Dr. V. Ramesh Babu, HOD TXT, Dr. R. Priyadarshini, HOD FT.

No. of Internal Participants: 45

Uster Technologies is the world's leading provider of quality management solutions from fiber to fabric. Uster India offers fair and equitable employee compensation that is benchmarked to industry standards. The Seminar on Latest developments in USTER yarn testing is planned to conduct for faculty & students of textile and fashion technology department of Kumaraguru College of Technology, Coimbatore. Apart from theoretical knowledge, in order to get the industrial practice exposure, the seminar is organized from USTER Technologies, Coimbatore, on 23.01.2023.

An overview of Uster products applied in the spinning mills:

- The "Uster Tester", a laboratory system for the measurement of evenness, thick places, thin places, neps, hairiness, diameter, dust, trash, fineness of yarns
- Yarn tensile testers at conventional (5m/min) and high speeds (400m/min)
 - Yarn fineness tester
 - Yarn strength tester (Tensorapid)
 Yarn twist tester
 - Yarn friction tester
- Single fiber measuring system (AFIS = Advanced Fibre Investigation System)
 - Fiber bundle measuring system (HVI)
- Yarn clearer (Uster Quantum), which is mounted in the automatic winding machine, i.e., "on-line".
 - Defect classification instrument (Classimat)
 - Cotton cleaning system (Vision Shield)

Outcome of the Event: To know about the latest developments in Yarn testing.

3 Days Short Term Training Programme (STTP) on "Testing of Textiles & Apparels"

Event Date: 06.02.2023 to 08.02.2023

Resource Person: Faculty from TT & FT dept

Co-ordinators: Dr. G. Ramakrishnan, Professor, FT

No. of External Participants: No. of Students- 22, No. of Faculties - 2

Department of Fashion Technology jointly with KCT-TIFAC CORE in Textile Technology & Machinery organized 3 Days Short Term Training Programme (STTP) on "Testing of Textiles & Apparels" held from 6.2.2023 to 08.02.2023 at Kumaraguru College of Technology, Coimbatore. About 22Students and 2 Faculty from College of Integrated Design and Technology (CIDT), Chennai participated in the STTP.

Dr R Priyadarshini /Head/ Fashion Technology gave welcome address Dr G Ramakrishnan / Professor / FT & Head - Natural Fibre Research Centre highlighted about program and Mr.A.Pavendan, Associate Dean - Textile Cluster gave Felicitations.

Faculty from Fashion, Textile department handled technical sessions. Mr. Rangaraj, &Mr. Baskaran from M/s. MAG Solvics, Ltd Coimbatore delivered a lecture on Advanced fibre and yarn testing equipment's. Prof.Sukanya Devi Assistant Professor, Textile Technology, KCT delivered a lecture on Basic fiber testing, Mr.A.Pavendan, Associate Dean – Textile Cluster, KCT delivered a lecture on Yarn Testing, Prof.A.Thambidurai, Assistant Professor, Fashion Technology, KCT delivered lecture on Fabric Testing and Dr. V.NithyaPrakash, Associate Professor, Fashion Technology, KCT delivered a lecture on Apparel Testing Standards.

The Laboratory practical sessions were handled by Mr.Vijayamurthy/TXT, Mrs. Prema/FT &Mrs. Krishnaveni/TIFAC CORE. The CIDT students were given demonstration on various Textile/Fashion and TIFAC CORE laboratories. During the valedictory session certificates for all participants, resource persons were given by Mr A Pavendhan, Associate Dean Txt & FT cluster, Dr R Priyadarshini, HOD-FT and Dr G Ramakrishnan Professor/FT.



WORKSHOP ON FASHION STYLING & BUSINESS

Event Date: 13.02.2023

Resource Person:

Ms.Devishree S, Fashion Stylist (Free Lancer)

Co-ordinators:

Ms.Pooja P, Asst. Professor I/ Fashion Technology, Dr.R.Priyadarshini, Head Incharge/ Fashion Technology

No. of Internal Participants:

No. of Students- 50, No. of Faculties-1

Overview/ Description/Brief of Event:

The workshop started with introducing the resource person & her achievements. The Workshop is about basics of fashion styling & business, understanding on colours, trends, brands & designers, personal styling & grooming, sustainable fashion, styling tips for various body shapes. Lastly ended with Vote of thanks.

Outcome of Event:

Students will be able to know the fundamentals of design, colour trends, styling tips & tricks. Personal styling & grooming.





AWARENESS PROGRAM ON HYGIENE AND SANITATION FOR SCHOOL STUDENTS

Event Date: 22.02.2023

Resource Person:

Ms, Niveda R, Bliss Natural (Coimbatore), Mr Elango Ramasamy, Chairman, Panchayat Academy

Co-ordinators:

Priyadarshini R (Head-Incharge/FT), Dr G Ramakrishnan, Head-NFRC

No. of external participants:

No. of Students - 150

Overview/ Description/ Brief of Event:

Department of Fashion Technology, KCT, connected with Samathur Vanavarayar Govt. High School to create awareness of Women's Hygiene, in association with Bliss Natural Ms Niveda R, on 22.02.2023. Around 150 girl students participated in the event. At the outset, Dr Priyadarshini R (Head-Incharge/FT) welcomed the students to the event.

Dr G Ramakrishnan, Head-NFRC introduced natural fibres and their use towards achieving a sustainable lifestyle. Shri. Elango Rangasamy (Former CSIR Scientist/-Founder of Panchayat Academy) graced the occasion and addressed the students on self-empowerment.

Ms. Niveda (CEO, Bliss Natural) presented a detailed session on women's health and menstrual hygiene.

Ms. Vallikala (Sr. Student Counsellor, KI) discussed with the students about caring for the mind and body, and about cyber security and its impact on adolescence. Dr. Poongodi B anchored the event and delivered the vote of thanks. Bliss Natural sponsored a pad-vending machine and 1500 organic pads to the school.





WORKSHOP ON MODEST FASHION



Event Date: 18.03.2023

Resource Person: Ms. Yufie Kartaamaja and Ms. Irmasari Joedawinata, Islamic Fashion Institute, Indonesia

Co-ordinators: Ms.Pooja P, Asst. Professor I/ Fashion Technology, Dr.R.Priyadarshini, Head Incharge/ Fashion Technology

No. of Internal Participants: No. of Students- 61, No. of Faculties-3

Overview/ Description/Brief of Event: Modest Fashion workshop was held on 18th March 2023, happened in the Department of Fashion Technology. The resource persons are Ms. Yufie Kartaamaja and Ms. Irmasari Joedawinata from Islamic Fashion Institute, Indonesia. The students were divided into two batches for the workshop. Morning the workshop started at 10:15AM with the welcome talk of Head-Incharge Dr. Priyadarshini with the presence of our Assoc. Dean Mr.Pavendan. Afternoon session started at 02:00 pm. During the sessions, students had hands on experience on draping the Hijab on our fellow students.

Outcome of Event: Students learnt about Islamic culture and their way of styling. They also learnt different types of scarf draping.





WORKSHOP ON PIPILI ART & NIB PAINTING

Event Date: 27.03.2023 to 28.03.2023

Resource Person: Ms. Vasantha Kumar, Certified art Teacher, PIDILITE

Industry Mumbai

CO-ORDINATORS: Mr. S.Chandrakumar, Asst Prof (Sr.G),

Dr. R. Priyadharshini, Head i/c, Department of Fashion Technology

No. of Internal Participants: 50

Overview/ Description/Brief of Event: A welcome address was given by Ms.Nithya Sri. E (21BFT022). The event's objective is to enhance the student's knowledge and creativity in the Pipili Art, and Nib paintings. To support the student to understand the applications of the above art methods 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, a participation certificate will be issued to the students. Mr. Rajendraprasath. N (21BFT03) Ms. Riya Debnath. (21BFT0212) has given the programme feedback. Ms. Theja Mythreyi. R (21BFT035) proposed the vote of thanks.

Outcome of the event:

- Using the ideas from the course, the participants can improve their creative skills and knowledge of different art forms.
- Understand the Pipili art forms.
- Understand how to work on the nib and the materials used.
- Understand how textures are created.
- Know to paint without a brush through the Nib.
- Students will be able to learn and create new objects cost-profitably.
- Students can make gift articles with their own creativity.







POSTER DESIGNING COMPETITION

EVENT DATE: 22.02.2023

Resource Person: Nil

Co-ordinators: Dr Priyadarshini R (Head-Incharge/FT)

No. of Internal Participants: 23

Overview/ Description / Brief of Event:

The theme of the contest is Women's empowerment. The aim of the event is to empower and celebrate international women's day. This theme is selected to create awareness about women's empowerment among the students.

Prize Winners:

Winner - J Sandhiya 20BIS036 Runner - D Vinisha Angel Mary 20BFT039 Consolation - Amritha K S 20BFT002 Berlin Prisilla P 20BFT003

Outcome of the event:

The purpose of the event is to raise the awareness about the gender equality and to promote women's empowerment. By designing poster, individual can use their creativity to spread the message of women's empowerment. The main aim is to raise awareness. Poster designing contest would be an effective way to enhance the creativity skills of students.

WORKSHOP ON WONDER WEAVE

Event Date: 11.04.2023 - 12.04.2023

Resource Person: Mr S Sathyaraj, Trainer, C-Cube Technologies, Erode

Co-ordinators: Dr Priyadarshini R (Head-Incharge/FT)

No. of Internal Participants: 50

Overview/ Description /Brief of Event: Department of Fashion Technology jointly with C-CUBE Technology, Erode organized "WORKSHOP ON WONDER WEAVE" from 11.4.2023 to 12.4.2023 at Kumaraguru College of Technology, Coimbatore. About 50 students from Department of Fashion Technology, Kumaraguru College of Technology participated in the "WORKSHOP ON WONDER WEAVE" from 11.4.2023 to 12.4.2023 at KCT FASHION TECHNOLOGY. Mr S Sathyaraj, Trainer, C-Cube Technologies, erode gave the hands-on Training to students using WONDER WEAVE SOFTWARE. Students were taught on basics of WOVEN CAD and to create dobby designs and Jacquard designs. During the valedictory session certificates for all participants were given by Mr A Pavendhan, Associate Dean Txt & FT cluster, Dr R Priyadarshini, HOD-FT, Dr G Ramakrishnan Professor/FT and Mr S Sathyaraj, Trainer, C-Cube Technologies, Erode.

Outcome of the event: Students learned on skill-oriented CAD software which will equip the students during placements in their career development.





APPAREL ERP AND DIGITAL MARKETING

EVENT DATE: 13.04.2023

Resource Person:

Mr. Anubhav Tiwari Senior Product Manager Srijan Technologies, New Delhi., and Mr.Dinesh Singh Banshiwal, Business Head at Datatex India, Datatex Asia Pacific, Textile & Apparel Software Solutions, Bangalore

Co-ordinators: Dr. Bhaarathi Dhurai, Professor/FT, Dr. G. Rajkumar ASP /FT

No. of Internal Participants: No. of Students- 30, No. of Faculties-15

No. of External Participants: No. of Students - 150, No. of Faculties - 20

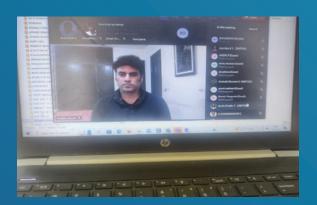
Overview/ Description / Brief of Event:

Mr. Anubhav Tiwari Senior Product Manager Srijan Technologies, New Delhi., talked about Digital Marketing of Apparel and Mr.Dinesh Singh Banshiwal , Business Head at Datatex India, Datatex Asia Pacific, Textile & Apparel Software Solutions, Bangalore delivered his lecture on ERP in Apparel industry.

Outcome of the event:

Students learned about ERP & digital marketing which will equip the students during placements in their career development.





UG STUDENTS CAPSTONE PROJECT EXPO 2023

EVENT DATE: 17.04.2023

Resource Person: Mr. Santosh Raman

Co-ordinators: Dr. S. Kavitha, AP III/FT

No. of Internal Participants: No. of Students- 50

Overview/ Description /Brief of Event: B.Tech. Fashion technology (2019–23) batch students carried out their capstone project on various innovative themes and developed new products. There were 18 teams comprising 2 or 3 member groups guided by faculty members of fashion technology department. Three teams have caried out project in collaboration with industries namely Master linen Inc and Innotex materials.

Expo was organised in their classroom with necessary arrangements for display. All Faculty members along with our Head of the department, Dean-Textile cluster visited each team and interacted with them. After that, third year students visited the exhibition and final year students explained about challenges in sourcing the material, timeline and teamwork. Followed by them, second year students visited and appreciated about their seniors' innovative ideas.

Finally Lucky draw was conducted for students and gifts were distributed to the winners.

The expo ended with refreshments and appreciation to all teams by all faculty members.

Outcome of the event: Students expresses their views on the project work.

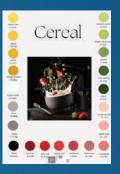




WORKSHOP ON FASHION COLOURS AND SEASONAL CHOICES







Event Date: 24.04.2023

Resource Person: Mr. Santosh Raman

Co-ordinators: Dr.V.Nithyaprakash, Associate Professor, Fashion Technolo-

gy

No. of Internal Participants: No. of Students- 30, No. of Faculties-1

Overview/ Description / Brief of Event: The workshop on "Fashion Colors and Seasonal Choices" was organized on 24th April 2023 for III-year FT Students. The workshop offered hands on training on choosing inspiration, developing a colour palette with reference to a theme and exploring experimental concepts.

Outcome of the event: Students shall be able to Develop colour palettes and patterns for their portfolio.

STTP ON MAKING OF BIODEGRADABLE SANITARY NAPKINS FROM NATURAL FIBRES

Event Date : 28.04.2023 - 29.04.2023

Resource Person: Ms.Nivetha, Co-founder Bliss Naturals

Co-ordinators: Dr R Priyadarshini/Head/FT, Dr G Ramakrishnan/ Professor/FT &Head -NFRC, Dr.B.Poongodi, Associate Prof, KCT Business

School

No. of Internal Participants: 5

No. of External Participants: 15

Overview/ Description / Brief of Event: Department of Fashion Technology jointly with Natural Fibre Research Centre & KCT Business School Organized 2 Days Short Term Training Programme (STTP) on "Making of biodegradable sanitary napkins from Natural fibres" from 28.4.2023 to 29.4.2023 at Samathur Vanavarayar Government Higher Secondary School, Samthur. About 10 Rural Women's from Samathur and 10 Fashion Technology Students participated in the STTP. Dr.R.Priyadarshini/Head/Fashion Technology gave welcome address Dr.G Ramakrishnan/Professor/FT &Head - Natural Fibre Research Centre highlighted about program & NFRC, Dr.B.Poongodi, Associate Prof, KCT Business School delivered lecture on Rural Enterprises, Mr.K.G.Venkatraman Head Master, S.V.G.H Sec School, Samathur gave Felicitations, Mr.K.Kalimuthu President, Samathur gave Inaugural Address, Mr.S.A.Sakthivel Vice President, Samathur Panchayat gave Felicitations, Ms.Nivetha, Co-founder Bliss Naturals handled technical sessions – 1 and 2 and Dr.G.Ramakrishnan Prof/FT, Head – NFRC delivered Sum up Day – 1 (28.4.2023).

Day 2 (29.4.2023) Ms.Nivetha, Co-founder Bliss Naturals delivered a lecture on Raw Materials procurement process, Planning and way forward, MBA Students delivered a lecture on FGD – Sanitary Napkin Business and finally Dr.B.Poongodi, Associate Prof, KCT Business School gave vote of thanks.

Outcome of the event: Participants learned about the making of biodegradable sanitary napkins from Natural fibers.





SHORT TERM TRAINING PROGRAM ON TECHNICAL SKILL DEVELOPMENT USING "CHAIN STITCH EMBROIDERY MACHINE" FOR APPAREL DESIGNING

Event Date: 03.05.2023

Resource Person: Mr.Thiyagarajan, Proprietor, Sewing Solutions Systems,

Tiruppur

Co-ordinators: Dr.V.Krishnaveni Associate Professor/FT, Ms.Pooja P Asst.

Professor I/FT

No. of Internal Participants: No. of Students-11 No. of Faculties-10

Overview/ Description /Brief of Event: The training started with introducing the resource person & about the multi needle chain stitch machine. The resource person was comprised about the machine specifications, threading procedures, special attachments, tools required, type & size of needle for functioning of machine. The participants of teaching faculty, non-teaching faculty from department of textile & fashion technology, PG I year students & UG II year students were trained by resource person.

Outcome of the Event: Multi needle chain stitch machine functioning skills were updated.







GUEST LECTURE ON "ALL ABOUT SEWING MACHINE NEEDLES"





Event Date: 04.05.2023.

Resource Person: Mr.S. Venkatesh, Assistant Manager, Groz Beckert Asia Pvt Ltd

Co-ordinators: Dr.S.Kavitha, Asst. Professor III/FT, Ms.Pooja P Asst. Professor I/FT

No. of Internal Participants: No. of Students- 40, No. of Faculties-2

Overview/ Description / Brief of Event: Industrial sewing machines uses different type of sewing needles based on the type of machines and also on the type of the material. To know more about sewing machine types, sizing system and selection of needle, a guest lecture was organised for II Year B.TECH Fashion Technology students. Groz-Beckert is the world's leading provider of industrial machine needles, precision parts and fine tools, as well as systems and services for the production and joining of textile fabrics. All around the world, the products and services support the textile processes of knitting, weaving, felting, tufting, carding and sewing. Sewing-machine needles have formed part of Groz-Beckert's manufacturing program for over 40 years. Whether for underwear, sportswear, suits, shoes, car seats or embroidery – Groz-Beckert offers the right needle for every sewing application with a product portfolio of around 2,500 sewing and shoe machine needles. Mr.S. Venkatesh, Assistant Manager, Groz Beckert Asia Pvt Ltd explained in detail about sewing machine needles. Mega size sewing machine needle was used for demo. Animations of sewing machine needle and stitch formation was very impressive.

Outcome of the Event: To gain more information about sewing machine types, sizing system and selection of needle.

AWARENESS AND TRAINING PROGRAMME ON "NATURAL DYES FOR HANDLOOM DYERS AND WEAVERS"

Event Date: 08.05.2023 - 09.05.2023

Resource Person: Ms. Shubhi Sachan, Founder, Material Library of India, Noida.

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

Overview/ Description / Brief of Event: The programme was conducted for handloom dyers and weavers of Samathur cluster about natural dyeing. The welcome address was given by Dr.R. Priyadarshini, Assistant Professor, Head (i/c), Department of Fashion Technology. Dr.G. Ramakrishnan, Professor, Department of Fashion Technology highlighted about the need for training program and about the expertise of the resource person to the participants. Mr.A.Pavendhan, Associate Dean, Department of Fashion Technology felicitated the event. The Resource person, Ms. Shubhi Sachan, Founder, Material Library of India spoke on the importance of natural dyeing and achieving sustainability goods. Dr.B. Poongodi, Associate Professor, KCT-Business School presented the Vote of Thanks. Ms. Sri Ganapriya.R, Research Associate coordinated the entire event. This report presents an overview of training and awareness programme on natural dyes for handloom dyers and weavers. The program aimed to address the growing need for sustainable practices in handloom textiles and enhance the knowledge and skills of participants in utilizing natural dyes.

Outcome of the Event: The training and awareness programme on natural dyes for handloom dyers and weavers has successfully raised awareness about sustainable practices and equipped participants with valuable knowledge and skills. It is anticipated that the adoption of natural dyes will contribute to the preservation of cultural heritage, promote environmental sustainability, and enhance the overall quality of handloom textiles.





SUMMER CAMP FOR SCHOOL KIDS

Event Date: 10.05.2023 - 12.05.2023

Resource Person: Mrs. Vantha Kumar, Faculty Trainer, PIDILITE Industry,

Mumbai

Co-ordinators: Mr. S. Chandrakumar, Assistant Professor (Sr.G), and

Dr. R. Priyadharshini, HOD i/c - FT

No. of Internal Participants: No. of Students-24

Overview/ Description /Brief of Event: A welcome address was given by Dr.R.Priyadarshini HOD/FT. The event's objective is to enhance the kid's creativity in the different art forms and techniques of various kinds of art. To support the kids to understand the applications of art forms for the various applications.

The course was a perfect hands-on training, and demonstrations, which gave a good insight into each topic and triggered the interests of the kids. After the successful completion of the workshop, a course participation certificate was issued to the participants. The parents of the kids were given course feedback.

DA members Ms.Sangamithra. K M from III Yr FT and Harshini II Yr FT have supported the event. Mr.S. Chandrakumar Asst Prof (Sr.G) has proposed the vote of thanks.

Outcome of the Event:

- •Using the ideas from the course, the participants can improve their creative skills.
 - •Understand the different drawing forms.
- •Understand how to work on different media and the materials used.
 - •Understand how textures are created.
 - •Know to paint without a brush.
- •Kids will be able to learn and create new objects cost-effectively.
- •Participants can make gift/wall hanging articles to be presented.







WORKSHOP ORGAINSED ON "KNOW HOW" FARNSWORTH MUNSELL 100 HUE TEST

EVENT DATE: 13.05.2023 - 16.05.2023

Co-ordinators: Dr.S.Kavitha, Asst. Professor III/FT, Mr.A.Thambidurai, Asst. Professor I/FT

Overview/ Description /Brief of Event: The Farnsworth-Munsell 100 Hue Color Vision test is a color vision test often used to test for color blindness. The system was developed by Dean Farnsworth in the 1940s and it tests the ability to isolate and arrange minute differences in various color targets with constant value and chroma that cover all the visual hues described by the Munsell color system. There are several variations of the test, one featuring 100 color hues and one featuring 15 color hues. Originally taken in an analog environment with physical hue tiles, the test is now taken from computer consoles.

An accurate quantification of color vision accuracy is particularly important to designers, photographers and colorists, who all rely on accurate color vision to produce quality content.

In color-critical environments, it is important for anyone involved with the evaluation of color to understand how accurately they actually see color. The Farnsworth-Munsell 100 Hue Test (or FM100 Hue Test) is an easy-to-administer test and a highly effective method for measuring an individual's color vision.

Farnsworth-Munsell Hue Test Scoring Software supplied along with colour caps is used to expedite and simplify scoring of the FM 100 Hue Test and take



Benefits: Use this test to determine type and degree of color deficiency. Fully analyze color vision for in-house and field staff involved with color-critical operations. Use as an independent control for measuring the validity of other color visions tests.

A global standard that has been used by governments and industry for more than 40 years, the FM100 Hue Test evaluates and ranks color acuity. It consists of four trays containing a total of 85 removable color reference caps (incremental hue variations) spanning the visible spectrum. Color vision aptitude is detected by the ability of the test subject to place the color caps in order of hue.

Farnsworth–Munsell 100 Hue Color Vision test Kit is now purchased by the Fashion Technology Department on April 2023. A workshop to demonstrate the hue test kit and software is organized on 13.05.2023 to 16.05.2023.

Demonstration about test and self-evaluation of Colour vision test was taken by staffs and students from 13.05.2023 to 16.05.2023.

Teaching faculties -13.05.2023 Non-Teaching staffs -13.05.2023 III year students -13.05.2023 II year students-15.05.2023 PG students -16.05.2023

Reports were generated and their score card was distributed to all the participants.





GUEST LECTURE ON "BASICS OF WOOL, PRODUCTS AND APPLICATION"

Event Date: 17.05.2023

Resource Person: Mr. Dinesh Marewad, Senior Research Fellow, Wool Research Association, Thane, Maharashtra.

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

Overview/ Description /Brief of Event: The programme was conducted for Second year Fashion Technology students, Kumaraguru College of Technology about basic of wool. The welcome address was given by Dr.R. Priyadarshini, Assistant Professor, Head(i/c), Department of Fashion Technology. Dr.G. Ramakrishnan, Professor, Department of Fashion Technology highlighted about the programme and about the Wool Research Association and about the expertise of the resource person to the participants. Mr.A.Pavendhan, Associate Dean, Department of Fashion Technology felicitated the event. The Resource person, Mr. Dinesh Marewad, Senior Research Fellow, Wool Research Association, Thane, Maharashtra spoke on the basics of wool and its application. Dr.G. Rajkumar presented the Vote of Thanks.

This report presents an overview on the Guest lecture on Basics of wool, its products and application for students. The program aimed to address the importance of wool and how well it can be utilized and enhance the knowledge and skills of students in utilizing wool and its products.

Outcome of the Event: The guest lecture on wool for students has successfully raised awareness about sustainable practices and equipped them with valuable knowledge. Wool's applications are vast, ranging from clothing and home textiles to industrial uses. Its natural properties, including insulation, moisture-wicking, and flame resistance, make it a versatile and desirable material. With ongoing innovations and a focus on sustainability, wool continues to be an important and valuable natural fibre in various industries.





INTERVIEW AND RESUME BUILDING

EVENT DATE: 17.05.2023

Resource Person: Ms. Priyankka Sundaram, Assistant Manager HR, from prathigna.com HR Solutions Pvt Ltd Bangalore

Co-ordinators: Dr.S.Kavitha, Asst. Professor III/FT, Ms. C. Srinidhi Deepthi, Asst. Professor I/FT

No. of Internal Participants: No. of Students- 6

Overview/ Description / Brief of Event: Writing a résumé can be frustrating, especially if we do not know where to start. We have organised a workshop, especially for our M.Tech Apparel Technology students, to teach how to develop a professional résumé that will help them so that they can obtain their dream job.Ms. Priyankka Sundaram, Assistant Manager HR, from prathigna.com HR Solutions Pvt Ltd Bangalore was the resource person for the workshop held on 17.5.2023. She covered on the general requirements of HR department from resume and interview sessions and conducted mock interview and shared her comments for improvisation on the spot to each student. She explained the method to approach recruiters and targeting job description on various platforms to reach maximum opportunities. She elaborately demonstrated about resume building, starting from summary description, How to infuse self-interest aligned with company requirements and description ,Hobbies/Certifications/ Projects/ Internship content , Body Language and mental grooming, Handling "NO IDEA" Questions, Handling Technical Round with project/intern experience and how to handle Consistent implementation of feedback for upcoming opportunities. Ms. Srinidhi Deepthi, Assistant Professor, thanked the resource person and congratulated all the participants for their active partcipation. Dr.S.Kavitha gave momento to Ms.Priyankka and discussed about future plan for UG students.This Resume Building Workshop will help to apply new ideas with greater confidence in





SAREE DRAPING

Event Date: 27.05.2023

Co-ordinators: Dr.S.Kavitha, Asst. Professor III/FT

No. of Internal Participants: No. of Students-4

Overview/ Description /Brief of Event: A workshop on Saree Draping was conducted to make beginners to professional level saree draping expert. Dr.S.Kavitha explained about different types of sarees and care and tips for silk saree Ironing temperature and saree maintenance. This is especially for silk, cotton sarees which are time-consuming to wear for students as they are a beginner with the saree draping. Prepleating the saree helps to save time and energy. Ms.S.Kalaisubramaniam demonstrated different steps of prepleating and Ironing. All the students similarly pleated at pallu and centre in their own saree. Box folding and unfolding to draping was explained to them step by step. They all folded their sarees into box and finally they self-draped the pleated saree made by them. Four students from First year and one student from EEE department

participated. Revenue of Rs. 1030 generated out of registration fee collected and after expenses towards refreshment and registration kit materials. At present pre pleating of saree cost around 300rs to 800Rs. This workshop will help the students to learn the trending technique and save money and they can also earn if they wish.





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