

K.S.RANGASAMY COLLEGE OF TEXCHNOLOGY (AUTONOMOUS) TIRUCHENGODE -637215. TAMILNADU. INDIA

# DEPARTMENT OF TEXTILE TECHNOLOGY



# NEWS SQUASH Dec - May

# **2020 - 21** Volume 6 - Issue 2

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# **DEPARTMENT OF TEXTILE TECHNOLOGY**

# -NEWS SQUASH-2020-21 December - May

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Dr .G. KARTHIKEYAN, Head of the Department

The Department of Textile Technology, established in 1994, is committed to providing students with a comprehensive understanding of textile manufacturing through both undergraduate program. Our experienced faculty and state-of-the-art laboratories offer a supportive environment that fosters academic excellence. The department provides students with valuable opportunities for industrial exposure, enhancing their practical knowledge in line with industry standards. We are also proud to announce that the B.Tech in Textile Technology undergraduate program has received accreditation from the National Board of Accreditation, Tier-1 Category.

It is my privilege, on behalf of the faculty and students, to present this edition of NEWS SQUASH (Volume 6, Issue 2) for the academic year 2020-21. This bi-annual publication, covering activities from June to November (2020-21), showcases the accomplishments and contributions of our faculty, students, and alumni. In addition to highlighting research and department events, this newsletter serves as a communication platform to engage faculty, industry professionals, alumni, and other stakeholders in the field of Textile Technology.

I would like to extend my heartfelt gratitude to all contributors for their dedication in bringing this newsletter to fruition. We hope you enjoy reading it and learning more about the department's achievements, vision, mission, program educational objectives, and program-specific outcomes.



#### **VISION AND MISSION**



#### **VISION OF THE DEPARTMENT**

To be the centre of excellence in textile education, training, research and service.

#### **MISSION OF THE DEPARTMENT**

• To enlighten the students about the latest technology in textile industries through innovative educational practices and multi-disciplinary approach.

• To engage with the industry as solution providers through consultancy.

#### **PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

**PEO1: Production Process and Solutions to Problems**: Graduates are competent in textile production processes and be able to identify problems and suggest suitable solutions.

**PEO2: Modern Tools & Technology and Ethics**: Graduates use latest tools and technology for the production of textile materials and serve society in an ethical manner.

**PEO3: Skills, Entrepreneurship and Life Long Learning**: Graduates will exhibit skills in their career and develop entrepreneurial culture through life-long learning.

#### **PROGRAMME OUTCOMES (POs)**

Engineering Graduates will be able to:

**PO1: Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

**PO2: Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

**PO3: Design /development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

**PO4: Conduct investigations of complex problems**: Use researchbased knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO5: Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations

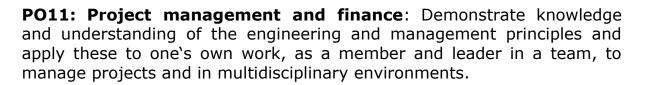
**PO6: The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

**PO7: Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.

**PO8: Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**PO9:** Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

**PO10: Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.



**PO12: Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

#### **PROGRAMME SPECIFIC OUTCOMES (PSOs):**

Engineering Graduates will be able to:

**PSO1: Application of Basic Concepts**: Apply fundamental concepts in the areas of spinning, weaving, testing, garment making and processing.

**PSO2: Solution for Industrial Problems**: Solve industrial problems in textile industries considering environmental issues to improve quality and productivity.

**PSO3: Moral Values**: Demonstrate social and ethical responsibilities relevant to textile industries.

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## **PROGRAMS ORGANIZED**

#### Webinar

The Department of Textile Technology at K.S.Rangasamy College of Technology is organizing a webinar on "Sustainable Innovation in Textile Products" on 07.12.2020.

Lion. Dr. K. S. RANG AS AMY, MJF Founder - Chairman Bine: R.S. RANG AS AMY, MJF Founder - Chairman	K.S.RANGASAMY COLLEGE OF TECHNOLOGY (AUTONOMOUS) Truchangode - 837218. Namakkal District. Tamin Nadu. epartment of Textile Technology (NBA TIOT 1)		
	Webinar on Sustainable Innovations in Textile Products		
Mr. G. SURYA GANESH Director Sakthi Fabrics, Salem	Microsoft Teams		
F0LLOW US F0LLOW US C C C C C C C C C C C C C C C C C C C	Monday) O5.00 pm to 06.00 pm		

#### Webinar

The Department of Textile Technology @ksrct1994 is organizing Guest Lecture on Auxetic and Multiscale FRP composites by Dr.Subramani Pichandi, Post-Do Researcher, University of Limerick, Ireland on December 19, 2020.

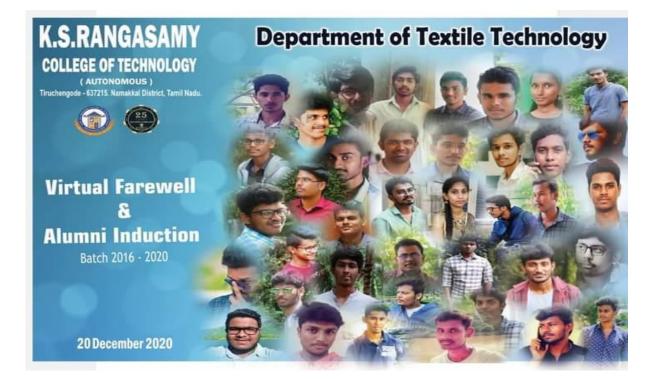


Virtual Farewell Meet!

The Department of Textile Technology at K.S.Rangasamy College of Technology is organizing "Virtual Farewell & Alumni Induction" for the 2016-2020 Batch Students on 20.12.2020, 11:00 a.m.

Chief Guest: Mr.Thiyagarajan Ganesans, General Manager - Operations Remmy Textiles Pvt., Ltd, Coimbatore.





#### Webinar

Institution's Innovation Council welcomes you all for the great webinar on "Start-ups and Entrepreneurship in Handloom Sector " by Dr. V.Sivakkumar ,Deputy Director ,Weavers Service Center, Ahmadabad, Gujarat On 09.01.2021 at 06.00 p.m.



#### Webinar

Institution's Innovation Council of KSRCT welcomes you all to the great webinar on 'Insights into Textile Material Research' by 'Dr.Mohanapriya Venkataraman', on 12.01.2021 at 3.00 p.m.



Webinar

#### Webinar

Institution's Innovation Council welcomes you all for the great webinar on "Internship Opportunities and Future Scope in the Automotive Industry" by Mr. Mayank Arora , Founder & Chief executive officer , Elite Techno Group , Jaipur on 28/01/2021 at 05.00 P.M. via Microsoft teams "Find out what you like doing best and get someone to pay you for doing it."



#### Webinar

Institutions innovation council welcomes you all for the great webinar on "CHALLENGES FOR START-UPS AND ENTREPRENEURSHIP IN MEDICAL TEXTILE" By 'Mr.T.Sureshram', Partner at Care 4 u Private limited, Tirupur on 06/01/2021 at 05:00 P.M.





The Department of Textile Technology is organizing a webinar in the Topic of "Innovation in Comfort Textiles for Wearable Clothing" on 17th February 2021, 11.00 a.m. The topic deals with the various aspects of wearable clothing in today's context.



#### Webinar

The Department of Textile Technology, K S Rangasamy College of Technology, Tiruchengode Organizing a webinar "Recent Innovations in Jacquard Weaving Technology" by Mr.B.Anas Shas, Senior Lecture, Indian Institute of Handloom Technology, Fulia, West Bengal on 26.02.2021 at 1



## **Orientation program**

The Department of Textile Technology, K S Rangasamy College of Technology, Tiruchengode Organizing a Orientation program "ASSOCIATE QUALITY PROFESSIONAL (AQP)" on 01.03.2021 at 10.00am.



#### Webinar

The Department of Textile Technology, K S Rangasamy College of Technology, Tiruchengode Organizing a webinar " Innovation in Technical Textile and its Application" on 03.03.2021 at 3.00 p.m. Resource Person :



#### **One Week online Induction/Refresher Programme**

The Department of Textile Technology, K.S.Rangasamy College of Technology, Tiruchengode – 637 215, Tamil Nadu organizing AICTE-ISTE Sponsored One Week online Induction/Refresher Programme on "Advance Ecological Techniques in Textile Chemical Processing for Sustainable Development".

Slot 01: 12.03.2021 to 18.03.2021 Slot 02: 07.04.2021 to 13.04.2021 Slot 03: 23.04.2021 to 29.04.2021



	ARTMENT HIGHLIGHTS
	<ul> <li>Competent &amp; Experienced faculty team</li> <li>State of Art Laboratories &amp; project incubation lab</li> </ul>
	State of Art Laboratories & project incubation lab     * Experimental & Activity based learning
	Technical and professional oriented inter-disciplinary courses
	<ul> <li>Industry - Institute collaborative projects</li> <li>Technical club (TAFETA) to promote and enhance the students activities</li> </ul>
	Received Research grants from national funding agencies like DST, DRDO, AICTE, SERB
	Ministry of Textiles and CSIR, etc.,
	* MoU signed with leading industry and premier Institutions
	* Remarkable Placement record and strong alumni base
	* Hands on experience to students through Internship programmes
-	
	* To be the Centre of Excellence in textile education, training, research and service
15-5	ion A
	* To enlighten the students about the latest technology in textile industries through innovative
	educational practices and multi-disciplinary approach
	* To engage with industry as solution providers through consultancy
80	
	"have
	The Textile Chemical processing industry is essential in the following factors to ensure the
1.1	government regulation and consumer expectations for green environment.
	* Minimizing air, water and land pollution
	* Optimize the resources, energy, water, chemicals and time
	* Ensure worker safety
	* Ensure consumer safety and satisfaction
	Several sustainable alternatives are offered on three levels - input, process-integrated and output.
	The alternative process are, enzymes treatment, supercritical fluid technology, plasma treatment,
	natural dyes, solution dyeing, dyeing with carbon-di-oxide, pigment transfer printing, screen print
	optimization, digital ink-set print, laser technique, substitution of chemicals, special dve selection,
	process optimization, eco-friendly dyes, herbal finishing, nano technology, ultrasonic technology, dye
	bath replenishment, recovery auxiliary chemicals, and waste water treatment
	The programme is designed to provide knowledge to the faculty members of textiles on the above
	aspects with the help of experts from academics and industry, in the field of eco-textiles. As the
	college is situated in the hub of the textile and apparel industry, practical feasibility of implementing
	the latest eco-technology can be demonstrated to the faculty members through the industry visit. The
	programme is organized in order to create awareness and insist the need for sustainability in
	chemical processing industries which is the need of the hour
E SI	OURCE PERSON
	Eminent Resource Persons from premier institutions like IITs', NITs', R&D Centres and industries will share their expertise on Advance Ecological Techniques in Chemical Processing for Sustainable
	Development

### **Interaction with Eminent Academician**

Today the Department of Textile Technology faculty members interacted with Dr.C.Prakash, Director, IIHT, Fulia, West Bengal, discussed about research publications, student's projects and government funding schemes.



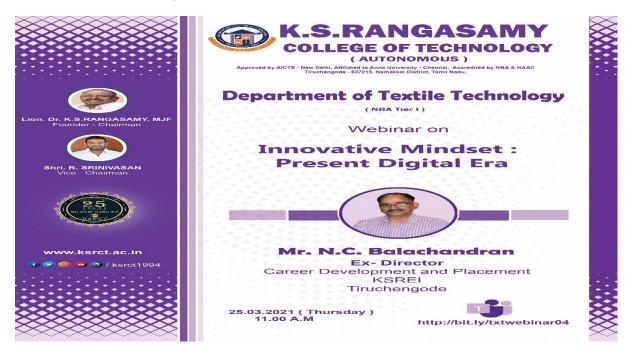
## Valedictory Function

The Department of Textile Technology at K.S.Rangasamy College of Technology is organizing Valedictory Function of AICTE-ISTE Sponsored Six Days online Induction/Refresher Programme on "Advance Ecological Techniques in Textile Chemical Processing for Sustainable Development" on 18.03.2021 by 02.30 pm.

		PROGRAMME	
Cordinally invites you all to the	Welcome Address	: Dr.G.KARTHIKEYAN Professor & Head - Textile Technology Organizing Secretary – Induction / Refresher Program	
	Programme Honoured by	: Lion Dr.K.S.RANGASAMY MJF Founder - Chairman, KSREI	
AICTE - ISTE sponsored Induction / Refresher Programme on "Advance Ecological Techniques in Textile Chemical Processing		: Shri.R.SRINIVASAN Vice - Chairman, KSREI	
for Sustainable Development" March 12 - 18, 2021 (SLOT - I)	Report of the Programme	: Mr.T.KARTHIKEYAN Assistant Professor - Textile Technology	
VALEDICTORY FUNCTION 18 Marchi 2021, 02:30 pm	Presidential Address	: Dr.K.THYAGARAJAH CEO, KSREI	
	Principal Address	: Dr.R.GOPALAKRISHNAN Principal, KSRCT	
	Chief Guest Introduction	: Ms.AISWARYA V MOHAN Assistant Professor - Textile Technology	
Lion. Dr. K.S.RANGASAMY, MJF Foundet - Chairman K.S.R. EDUCATIONAL INSTITUTIONS K.S.R. EDUCATIONAL INSTITUTIONS	Valedictory Address	: Mr.S.PERIYASAMY CEO AIC-NIFT TEA Incubation Centre for Textile and Apparel Tirupur	
	Feedback from the Participants		
	Vote of Thanks	: Mr.G.MAHAALINGAM Assistant Professor - Textile Technology	
Mr.S.PERIYASAMY CEO AIC-NIET TEA Incubation			
Centre for Textile and Apparel Tirupur		MICROSOFT TEAMS	
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The Department of Textile Technology, K S Rangasamy College of Technology is organizing a webinar "Innovative Mind-Set: Present Digital Era" on 25.03.2021, 11.00 a.m.



#### **Super Mentor Series**

Department of Textile Technology, K.S.Rangasamy College of Technology, has stepped up to provide mentorship for their juniors with domain enlightening session series.



#### **Inaugural Function**

The Department of Textile Technology, K.S.Rangasamy College of Technology, Tiruchengode organizing Slot 2 of AICTE-ISTE Sponsored Six Days online Induction/Refresher Programme on "Advance Ecological Techniques in Textile Chemical Processing for Sustainable Development on 07.04.2021, 10.00 am



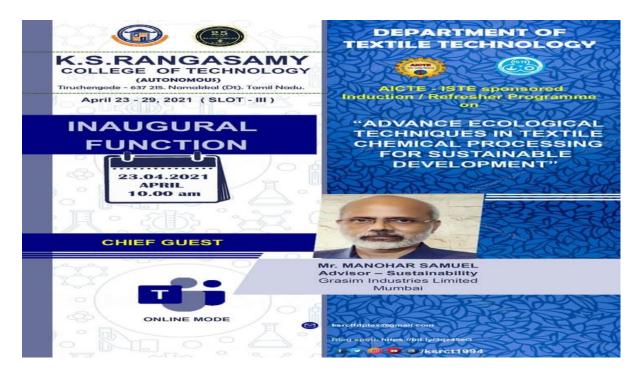
#### Slot 2 | AICTE-ISTE Induction/Refresher Program

The Department of Textile Technology, K.S.Rangasamy College of Technology, Tiruchengode, Tamil Nadu organized AICTE-ISTE Sponsored Six Days online Induction/Refresher Programme Slot II on "Advance Ecological Techniques in Textile Chemical Processing for Sustainable Development" on Date : 13.04.2021



AICTE-ISTE Induction/Refresher Program Inaugural Function

The Department of Textile Technology, K.S.Rangasamy College of Technology organizing Slot 3 | AICTE-ISTE Sponsored Six Days online Induction/Refresher Programme on "Advance Ecological Techniques in Textile Chemical Processing for Sustainable Development" on 23.04.2021,





## **FACULTY ACTIVITIES:**

- Dr.G.Karthikeyan, Professor / Head of the Department, has attended webinar on "Online Publication Tracking and Creating Researcher profile for faculty members of KSRCT" organized by Library, KSRCT -19.12.2020.
- 2. Dr.O.L.Shanmugasundaram, Professor/Textile, has attended Webinar on Best Practices in Submitting Research for Highly Selective Journals, Elsevier, Netherland, 03-12-2020.
- 3. Dr.M.B.Sampath, Professor/Textile, has attended webinar on "Online Publication Tracking and Creating Researcher profile for faculty members of KSRCT" organized by Library, KSRCT - 19.12.2020.
- Mr. G.Mahaalingam, AP/Textile, has attended webinar on "AI Transformation in Higher Education : Scope of AI in teaching and learning methodologies" organized by ASSOCHAM – 09.12.2020.
- Mr. G.Mahaalingam, AP/Textile, has attended International webinar on "Challenges of using personal protective wear for enriching hygiene during global pandemic" organized by VIT, Chennai – 09.12.2020.
- Mr. G.Mahaalingam, AP/Textile, has attended orientation session on "National Innovation and Startup Policy" organized by IIC, KSRCT -14.12.2020.
- Mr. G.Mahaalingam, AP/Textile, has attended webinar on "Awareness Program on IPR" organized by KLE Technological University, Hubballi – 17.12.2020.
- 8. Mr. G.Mahaalingam, AP/Textile, has attended webinar on "Online Publication Tracking and Creating Researcher profile for faculty members of KSRCT" organized by Library, KSRCT - 19.12.2020.
- Mr. G.Mahaalingam, AP/Textile, has attended web seminar on "Importance of Research Metrics: An overview on Scopus and Web of Sciences" organized by V S University, Nellore – 22.12.2020.
- 10. Mr. G.Mahaalingam, AP/Textile, has attended webinar on "AI Transformation in Higher Education : Challenges and Opportunities in applying AI Technology in Institutions" organized by ASSOCHAM -23.12.2020.
- 11. Mr. G.Mahaalingam, AP/Textile, has attended webinar on "Academic Identities: An Overview" organized by Library, KSRCT 23.12.2020.
- 12. Mr. G.Mahaalingam, AP/Textile, has attended webinar on "TCS National Qualifier Test" organized by TCS iON 23.12.2020.
- 13. Mr.G.Devanand, ASP/Textile, has attended webinar on "Online Publication Tracking and Creating Researcher profile for faculty members of KSRCT" organized by Library, KSRCT - 19.12.2020.

- 14. Dr.M.Chenganmal, Professor /Textile, has attended webinar on "Online Publication Tracking and Creating Researcher profile for faculty members of KSRCT" organized by Library, KSRCT - 19.12.2020.
- 15. Mr.M.Arunkumar, AP/Textile, has attended webinar on "Online Publication Tracking and Creating Researcher profile for faculty members of KSRCT" organized by Library, KSRCT - 19.12.2020.
- 16. Mr.T.Karthikeyan, AP/Textile, has attended webinar on "Online Publication Tracking and Creating Researcher profile for faculty members of KSRCT" organized by Library, KSRCT - 19.12.2020.
- 17. Mr.P.Maheswaran, AP/Textile, has attended webinar on "Online Publication Tracking and Creating Researcher profile for faculty members of KSRCT" organized by Library, KSRCT - 19.12.2020.
- 18. Dr.G.Karthikeyan, Professor / Head of the Department, has attended webinar on "Start-Ups and Entrepreneurship in Handloom Sector" organized by Dept. of Textile Technology & IIC, KSRCT - 09.01.2021.
- 19. Dr.G.Karthikeyan, Professor / Head of the Department, has attended webinar on "Insights in to Textile Material Research" organized by Dept. of Textile Technology & IIC, KSRCT - 12.01.2021.
- 20. Mr. G.Mahaalingam, AP/Textile, has attended workshop on "Design Thinking, Critical Thinking and Innovation Design" organized by Dept. of Textile Technology & IIC, KSRCT - 31.12.2020.
- 21. Mr. G.Mahaalingam, AP/Textile, has attended the launch function of "AICTE – IDEA Lab Scheme" organized by AICTE - 01.01.2021.
- 22. Mr. G.Mahaalingam, AP/Textile, has attended online workshop on "How to develop a

Mindset to never waste time" organized by AICTE -08.01.2021.

- 23. Mr. G.Mahaalingam, AP/Textile, has attended webinar on "Financial Literacy Program" organized by Dept. of MBA, KSRCT 09.01.2021.
- 24. Mr. G.Mahaalingam, AP/Textile, has attended webinar on "Start-Ups and Entrepreneurship in Handloom Sector" organized by Dept. of Textile Technology & IIC, KSRCT - 09.01.2021.
- 25. Mr. G.Mahaalingam, AP/Textile, has attended webinar on "Insights in to Textile Material Research" organized by Dept. of Textile Technology & IIC, KSRCT - 12.01.2021.

- 26. Mr. G.Mahaalingam, AP/Textile, has attended webinar on "AI Transformation in Higher Education: Role of Faculty in Institutionalizing AI Technology" organized by ASSOCHAM -20.01.2021.
- 27. Mr. G.Mahaalingam, AP/Textile, has attended online workshop on "SESREC Action Plan" organized by SESREC, KSRCT - 23.01.2021.
- 28. Mr.M.Arunkumar, AP/Textile, has attended webinar on "Start-Ups and Entrepreneurship in Handloom Sector" organized by Dept. of Textile Technology & IIC, KSRCT - 09.01.2021.
- Mr.M.Arunkumar, AP/Textile, has attended webinar on "Insights in to Textile Material Research" organized by Dept. of Textile Technology & IIC, KSRCT - 12.01.2021.
- 30. Mr.T.Karthikeyan, AP/Textile, has attended webinar on "Start-Ups and Entrepreneurship in Handloom Sector" organized by Dept. of Textile Technology & IIC, KSRCT - 09.01.2021.
- 31. Mr.T.Karthikeyan, AP/Textile, has attended webinar on "Insights in to Textile Material Research" organized by Dept. of Textile Technology & IIC, KSRCT - 12.01.2021.
- 32. Mr.P.Maheswaran, AP/Textile, has attended webinar on "Start-Ups and Entrepreneurship in Handloom Sector" organized by Dept. of Textile Technology & IIC, KSRCT - 09.01.2021.
- 33. Mr.P.Maheswaran, AP/Textile, has attended webinar on "Start-Ups and Entrepreneurship in Handloom Sector" organized by Dept. of Textile Technology & IIC, KSRCT - 09.01.2021.
- 34. Mr.P.Maheswaran, AP/Textile, has attended AICTE sponsored STTP on "Practical Approaches for Next Generation Sequencing Technologies and Data Analysis towards Health Care" organized by Biotechnology, KSRCT – 04.01.2021 to 09.01.2021.
- 35. Dr.G.Karthikeyan, Professor / Head of the Department, has attended Three Days Online International Training on "Nano Fibers Manufacturing" Organized by Wollo University, Ethiopia – 03.02.2021 to 05.02.2021.

- 36. Dr.G.Karthikeyan, Professor / Head of the Department, has attended online International Entrepreneurship Training on "3D Printing Technology (PRINT-2021)" organized by School of Mechanical and Chemical Engineering, Wollo University, KIoT, Ethiopia - 19.02.2021 to 20.02.2021
- 37. Dr.M.Chenganmal, Professor/Textile, has attended Online International Entrepreneurship Development Program on "3D Printing Technology" Organized by Wollo University, Ethiopia-19.02.2021 to 20.02.2021.
- 38. Dr.M.Chenganmal, Professor/Textile, has attended International webinar on "Technology Research (TECH-2021)" Organized by Research, Community Engagement & Technology Transfer Office, Wollo University, Ethiopia –18.02.2021.
- M.Chenganmal, Professor/Textile, has attended International webinar on "Entrepreneurship (Entrepreneur-2021)" Organized by Career Development & Entrepreneurship Center, Wollo University, Ethiopia – 11.02.2021.
- 40. Dr.G.Karthikeyan, Professor / Head of the Department, has attended AICTE Training and Learning (ATAL) Academy online FDP on "Apparel Design" Organized by Dr. B R Ambedkar National Institute of Technology, Jalandhar -01.02.2021 to 05.02.2021.
- 41. Mr.G.Devanand, ASP/Textile, has attended Online International Entrepreneurship Development Program on "3D Printing Technology" Organized by Wollo University, Ethiopia- 19.02.2021 to 20.02.2021.
- 42. Mr. G.Mahaalingam, AP/Textile, has attended online International Training on "Electro spinning of nano fibres" organized by University-Industry Linkage Director Office, Wollo University, KIoT, Ethiopia -03.02.2021 to 05.02.2021.
- 43. Mr.G.Mahaalingam, AP/Textile, has attended International webinar on "Entrepreneurship (Entrepreneur 2021) organized by Career Development & Entrepreneurship Centre, Wollo University, KIoT, Ethiopia - 11.02.2021
- 44. Mr.G.Mahaalingam, AP/Textile, has attended online international entrepreneurship training on "3D Printing Technology (PRINT-2021)" organized by School of Mechanical and Chemical Engineering, Wollo University, KIoT, Ethiopia - 19.02.2021 to 20.02.2021
- 45. Mr.G.Mahaalingam, AP/Textile, has attended orientation program on "KSRCT Innovation and Startup Policy" organized by IIC, KSRCT - 20.02.2021
- 46. Mr.M.Arunkumar, AP/Textile, has participated in the "Three Days Online International Training on Nano Fibers Manufacturing" Organized by Wollo University, Ethiopia – 03.02.2021 to 05.02.2021.

- 47. Mr.M.Arunkumar, AP/Textile, has attended International webinar on "Entrepreneurship (Entrepreneur-2021)" Organized by Career Development & Entrepreneurship Center, Wollo University, Ethiopia – 11.02.2021.
- 48. Mr.M.Arunkumar, AP/Textile, has attended "NDLI Online Quiz-21" organized by Library & NDLI Club of KSRCT, Tiruchengode 12.02.2021.
- 49. Mr.M.Arunkumar, AP/Textile, has attended online UGC Stride Sponsored Training Programme on "Environmental Sustainability and Research Ethics" Organized by Dept. of Textile and Clothing, School of Home science, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore – 03.02.2021-11.02.2021.
- 50. Mr.M.Arunkumar, AP/Textile, has attended FDP on "Automobile (TURBO-21)" Organized by Wollo University, Ethiopia – 13.02.2021 to 14.02.2021.
- 51. Mr.M.Arunkumar, AP/Textile, has attended International webinar on "Technology Research (TECH-2021)" Organized by Research, Community Engagement & Technology Transfer Office, Wollo University, Ethiopia –18.02.2021.
- 52. Mr.M.Arunkumar, AP/Textile, has attended Online International Entrepreneurship Development Program on "3D Printing Technology" Organized by Wollo University, Ethiopia- 19.02.2021 to 20.02.2021.
- 53. Mr.T.Karthikeyan, AP/Textile, has attended FDP on "Automobile (TURBO-21)" Organized by Wollo University, Ethiopia – 13.02.2021 to 14.02.2021.
- 54. Mr.T.Karthikeyan, AP/Textile, has attended International webinar on "Technology Research (TECH-2021)" Organized by Research, Community Engagement & Technology Transfer Office, Wollo University, Ethiopia –18.02.2021.
- 55. Mr.P.Maheswaran, AP/Textile, has attended International webinar on "Technology Research (TECH-2021)" Organized by Research, Community Engagement & Technology Transfer Office, Wollo University, Ethiopia –18.02.2021.
- 56. Mr.P.Maheswaran, AP/Textile, has attended FDP on "Automobile (TURBO-21)" Organized by Wollo University, Ethiopia 13.02.2021 to 14.02.2021.
- 57. Mr.P.Maheswaran, AP/Textile, has attended Online International Entrepreneurship Development Program on "3D Printing Technology" Organized by Wollo University, Ethiopia- 19.02.2021 to 20.02.2021.
- 58. Dr.G.Karthikeyan, Professor / Head of the Department, has attended International webinar on "Material Characterization" organized by

Wollo University, kombolcha Institute of Technology, Ethiopia-02.03.2021.

- 59. Dr.G.Karthikeyan, Professor / Head of the Department, has attended Technical webinar on "Technical Textile in Defence Applications" organized by west Bengal state Centre of the Institution of Engineers (India) under the aegis of Textile Engineering Division – 19.03.2021.
- 60. Mr. G.Mahaalingam, AP/Textile, has attended Technical Webinar on "Technical Textiles in Defence Applications" organized by IEI - 19.03.2021.
- 61. Mr. G.Mahaalingam, AP/Textile, has attended online conference on "Rebuilding India's Education Ecosystem" organized by CII - 22.03.2021.
- 62. Mr. G.Mahaalingam, AP/Textile, has attended webinar on "Cost effective Apparel Manufacturing" IEI Salem Local Centre and Sona College of Technology, Salem - 27.03.2021.
- 63. Dr.O.L.Shanmugasundaram, Professor/Textile, has attended Workshop on NBA Sponsored by AICTE, New Delhi, conducted at Kongu Engineering College, Erode- 18.03.2021 to 20.03.2021.
- 64. Mr.M.Arunkumar, AP/Textile, has attended International webinar on "Material Characterization" organized by Wollo University, kombolcha Institute of Technology, Ethiopia- 02.03.2021.
- 65. Mr.M.Arunkumar, AP/Textile, has attended International webcast on "Automobile industry 4.0" organized by Department of Mechanical Engineering, Wollo University, KIoT, Ethiopia- 06.03.2021.
- 66. Mr.M.Arunkumar, AP/Textile, has attended International Seminar on "Career Development" organized by Career Development & Entrepreneurship Center, Wollo University, KIoT, Ethiopia-18.03.2021.
- 67. Mr.T.Karthikeyan, AP/Textile, has attended International webinar on "Material Characterization" organized by Wollo University, kombolcha Institute of Technology, Ethiopia- 02.03.2021.
- 68. Mr.T.Karthikeyan, AP/Textile, has attended International webcast on "Automobile industry 4.0" organized by Department of Mechanical Engineering, Wollo University, KIoT, Ethiopia- 06.03.2021.
- 69. Mr.P.Maheswaran, AP/Textile, has attended International webcast on "Automobile industry 4.0" organized by Department of Mechanical Engineering, Wollo University, KIoT, Ethiopia- 06.03.2021.
- 70. Mr.P.Maheswaran, AP/Textile, has attended International webinar on "Material Characterization" organized by Wollo University, kombolcha Institute of Technology, Ethiopia- 02.03.2021.
- 71. Dr.G.Karthikeyan, Professor / Head of the Department, has organizing the AICTE-ISTE sponsored Induction/Refresher

Programme on "Advanced Ecological Techniques in Textile Chemical Processing for Sustainable Development" Slot 2 & Slot 3.

- 72. Mr. G.Mahaalingam, AP/Textile, has attended AICTE-ISTE sponsored Induction / Refresher Programme on "Advanced Ecological Techniques in Textile Chemical Processing for Sustainable Development" organized by Department of Textile Technology, KSRCT. Tiruchengode – 07.04.2021to 13.04.2021.
- 73. Mr. G.Mahaalingam, AP/Textile, has attended the FIP on "Quality Improvement in Higher Education", Organized by Autonomous Cell, KSRCT - 16.04.2021 & 17.04.2021.
- 74. Mr. G.Mahaalingam, AP/Textile, has attended National webinar on "Career Opportunities in Fashion Designing" organized by Bon Secours Arts and Science College for Women, Mannargudi -20.04.2021.
- 75. Mr.G.Devanad, ASP/Textile, has attended AICTE-ISTE sponsored Induction / Refresher Programme on "Advanced Ecological Techniques in Textile Chemical Processing for Sustainable Development" organized by Department of Textile Technology, KSRCT. Tiruchengode – 07.04.2021to 13.04.2021.
- 76. Mr.M.Arunkumar, AP/Textile, has attended AICTE-ISTE sponsored Induction / Refresher Programme on "Advanced Ecological Chemical Techniques in Textile Processing for Sustainable Development" organized by Department of Textile Technology, KSRCT. Tiruchengode - 23.04.2021 to 29.04.2021.
- 77. Mr.M.Arunkumar, AP/Textile, has attended the FIP on "Quality Improvement in Higher Education", Organized by Autonomous Cell, KSRCT - 16.04.2021 & 17.04.2021.
- 78. Mr.T.Karthikeyan, AP/Textile, has delivered a session on "Green ways to colour textiles- innovative methods towards sustainability" in AICTE-ISTE sponsored Induction / Refresher Programme on "Advanced Ecological Techniques in Textile Chemical Processing for Sustainable Development" organized by Department of Textile Technology, KSRCT. Tiruchengode – 07.04.2021to 13.04.2021.
- 79. Mr.T.Karthikeyan, AP/Textile, has attended the FIP on "Quality Improvement in Higher Education", Organized by Autonomous Cell, KSRCT - 16.04.2021 & 17.04.2021.
- 80. Mr.P.Maheswaran, AP/Textile, has attended AICTE-ISTE sponsored Induction / Refresher Programme on "Advanced Ecological Techniques in Textile Chemical Processing for Sustainable Development" organized by Department of Textile Technology, KSRCT. Tiruchengode - 07.04.2021to 13.04.2021.

- - 81. Mr.P.Maheswaran, AP/Textile, has attended the FIP on "Quality Improvement in Higher Education", Organized by Autonomous Cell, KSRCT - 16.04.2021 & 17.04.2021.
  - 82. Mr.P.Maheswaran, AP/Textile, has attended Workshop on NBA Sponsored by AICTE, New Delhi, conducted at Kongu Engineering College, Erode- 18.03.2021 to 20.03.2021.

## **STUDENTS ACTIVITIES:**

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## Intra project contest 2021

1. Mr. S. Arul Selvan, General Manager, Megawin Switchgear Pvt. Ltd., Salem

2. Mr. R. Chandrasekaran, Assistant General Manager (Engg.), Ponnisugars(Erode) Ltd., Erode

3. Mr. T. T. Senthil Kumar, Program Manager, Aspire Systems, Chennai 4. Mr. K.C. Thirumurthy, Managing Partner at Golden Bio Cultures and Director and CEO, TRM, Biotech Private Ltd., Erode



### **PUBLICATIONS**

- Dr.M.B.Sampath, Professor, Department of Textile Technology, Paper title is "Micro Polyester filament and their characteristics for Sportswear Application" Published in Scope Journal "Chemical Fibres International" in Volume 70, December 2020 in Page 135-137.
- Dr.M.B.Sampath, Professor, Department of Textile Technology, Paper title is "Moisture Management Properties of Bi-Layer Knitted Fabrics" published in FIBERS & TEXTILES in Eastern Europe 2021; 29, 2(146): pg 81-86.
- Mr. G.Devanand, ASP, Department of Textile Technology, Paper title is "Photo-Catalytic-Assisted Method for Treating Industrial Dye House Effluents" published in Springer Nature; March 2021 -ISBN 978-981-16-0064-7, 499405\_1\_En, (Chapter 6).
- Mr.T.Karthikeyan, Assistant professor, Department of Textile Technology, Paper title is "An Empirical Evaluation on Public Awareness towards Face Mask in Erode District" published in IJAEMA Journal, Volume XIII, issue VI, April-2021.

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# **Chief Editor** Dr. G. Karthikeyan Head of the Department

## Editors

Mr. M. Arunkumar Assistant Professor

# **Industrial Profession**

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