



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

DEPARTMENT OF TEXTILE TECHNOLOGY

NEWS SQUASH

Dec - May

2023 - 24

Volume 9 Issue 2

www.ksrct.ac.in





K.S.RANGASAMY COLLEGE OF TEXCHNOLOGY
(AUTONOMOUS)
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DEPARTMENT OF TEXTILE TECHNOLOGY

-NEWS SQUASH-
2023-24
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 and postgraduate programs. 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 9, Issue 2) for the academic year 2023-24. This bi-annual publication, covering activities from Dec to May (2023-24), 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 research-based 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.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

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.

PROGRAMS ORGANIZED

Guest Lecture

Department of Textile Technology, K.S.Rangasamy College of Technology and The Textile Association (India) are jointly organizing a guest lecture on the topic "Biopolymers for Wound Dressing Applications" on 19.12.23 (Tuesday), 1.30pm.



KS Rangasamy
College of Technology
(Autonomous)

DEPARTMENT OF TEXTILE TECHNOLOGY & THE TEXTILE ASSOCIATION (INDIA) SALEM UNIT

Jointly Organizing

Guest Lecture

Biopolymers for Wound Dressing Applications

19 December, 2023 | 01.30 p.m.

Resource Person
Dr. P. GANESAN
Asst. Professor (Sl.Gr)
Department of Textile Technology
PSG College of Technology
Coimbatore

<https://bit.ly/KSRCTTEXGL01>

www.ksrct.ac.in

QR Code

ksrct1994

Faculty Enrichment Programme

#ksrct1994 Department of #Textile Technology organizes Faculty "Enrichment Programme on "Professional & Personal Growth", Captain. Dr. N.Mythili, Associate Professor of English, Associate NCC Officer, Sri Vasavi College, Erode, on 22.12.2023 (Friday), 9.30 a.m. to 4.30 p.m. at Dr.M.S.Swamynathan Seminar hall.



KS Rangasamy
College of Technology
(Autonomous)

DEPARTMENT OF TEXTILE TECHNOLOGY

Faculty Enrichment Programme
on

" PROFESSIONAL & PERSONAL GROWTH "

RESOURCE PERSON
Captain. Dr. N. Mythili
Associate Professor of English
Associate NCC Officer
Sri Vasavi College
Erode

22 December, 2023 | Friday

09.30 am to 04.30 pm

Dr. M.S.Swamynathan Seminar Hall

www.ksrct.ac.in

ksrct1994

Guest Lecture

Department of Textile Technology #ksrct1994 in association with KSRCT Alumni Association and KSRCT-IIC organize a Guest Lecture titled "Startup Synergy: Propelling Industry 4.0 with Smart Factory Innovation" on 22.12.2023 by 03.00 PM. The Resource Person is Mr. R.Premnath, Sr. Plant Engineer - PE, JUKI India Pvt. Ltd., Bengaluru.



KS Rangasamy College of Technology (Autonomous)

DEPARTMENT OF TEXTILE TECHNOLOGY

Guest Lecture

"Startup Synergy : Propelling Industry 4.0 with Smart Factory Innovation"

22 December, 2023 | 03.00 p.m.

Distinguished Alumni
Mr.R.PREMNATH
Senior Plant Engineer - PE
JUKI India Pvt. Ltd.
Bengaluru

<https://bit.ly/KSRCTTEXGL02>

www.ksrct.ac.in

[QR Code](#)

[/ksrct1994](#)

Webinar

Department of Textile Technology #ksrct1994 in association with KSRCT Alumni Association and KSRCT-IIC organize a webinar "Strategic Imperative: Crafting a Feasibility Report for Entrepreneurial Success" on 29.12.2023 by 03.00 PM.



KS Rangasamy College of Technology (Autonomous) | Tiruchengode

Institution's Innovation Council **Department of Textile Technology**

Webinar on

Strategic Imperative: Crafting a Feasibility Report for Entrepreneurial Success

Resource Person
Dr. S. Sundaresan
Associate Professor
Department of Textile Technology
Kumaraguru College of Technology
Coimbatore

Date : 29-12-2023
Time : 03:00 pm

Coordinator
Dr.K Saravanan
Professor/Textile

Join Us @

Passcode: SHGNf4

Meeting ID: 428 919 123 535 **URL : <https://shorturl.at/fxV26>**

[/iicsrct1994](#) iic.ksrct.ac.in

Webinar

Institution's Innovation Council at K S Rangasamy College of Technology presents a webinar on 'Entrepreneurial Endeavors and Startup Innovations for the Next Generations of Fashion' by T. SRIVANI, Associate Professor, Department of Fashion Technology National Institute of Fashion Technology, Hyderabad., 31.01.2024 at 05:00 pm

The poster is for a webinar titled "Entrepreneurial Endeavors and Startup Innovations for the Next Generations of Fashion". It features a portrait of the resource person, T. SRIVANI, an Associate Professor at the Department of Fashion Technology, National Institute of Fashion Technology, Hyderabad. The event is organized by the Institution's Innovation Council and the Department of Textile Technology at KS Rangasamy College of Technology (Autonomous). The date is 31.01.2024 at 05:00 pm. The coordinator is Dr. Bharani M, Associate Professor/Textile. A QR code is provided for joining the webinar, with the link <https://bit.ly/4807TVg>. The poster also includes logos for KS Rangasamy College of Technology, Institution's Innovation Council, G20 India 2023, iDEALab, and EDI-IN. Social media handles for /iicksrct1994 and iic.ksrct.ac.in are listed at the bottom.

KS Rangasamy
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INSTITUTION'S INNOVATION COUNCIL
(Autonomous)

G20
INDIA 2023

iDEALab

EDI-IN
Entrepreneurship
Institute of Fashion Technology

Institution's Innovation Council

Department of Textile Technology

Webinar on

Entrepreneurial Endeavors and Startup Innovations for the Next Generations of Fashion

Date : 31.01.2024
Time : 05:00 pm

Coordinator
Dr Bharani M
Associate Professor/Textile

Resource Person
T . SRIVANI
Associate Professor
Department of Fashion Technology
National Institute of Fashion Technology,
Hyderabad

Join Us @

<https://bit.ly/4807TVg>

[/iicksrct1994](https://iicksrct1994)

iic.ksrct.ac.in

Webinar

#ksrct1994, Department of Textile Technology and Textile Association (India) jointly organizing webinar on 'Innovative Techniques used in Wet Processing industry' on 31.01.2024 at 05:00 pm

The poster is for a guest lecture titled "Innovative Techniques used in Wet Processing Industry". It features a portrait of the resource person, Mr. J. KARTHIKEYAN, General Manager at Ideal Textile Processors, Komarapalayam. The event is jointly organized by the Department of Textile Technology at KS Rangasamy College of Technology (Autonomous) and The Textile Association (India) Salem Unit. The date is 05 January, 2024 (Friday) from 03.00 p.m. to 04.00 p.m. The location is Dr. M.S.Swamynathan Seminar Hall. The poster also includes logos for KS Rangasamy College of Technology, iDEALab, A++ Grade, NEA, and The Textile Association (India). Social media handles for /ksrct1994 and www.ksrct.ac.in are listed at the bottom.

KS Rangasamy
College of Technology
(Autonomous)

DEPARTMENT OF TEXTILE TECHNOLOGY

THE TEXTILE ASSOCIATION (INDIA)
SALEM UNIT

Jointly Organizing

Guest Lecture
on

“ Innovative Techniques used in Wet Processing Industry ”

Resource Person
Mr.J.KARTHIKEYAN
General Manager
Ideal Textile Processors
Komarapalayam

05 January, 2024 | Friday

03.00 p.m. to 04.00 p.m.



Dr. M.S.Swamynathan Seminar Hall

www.ksrct.ac.in


[/ksrct1994](https://ksrct1994)

Webinar


ksrct1994, Department of Textile Technology organizing "Career Guidance Programme" on 06.01.2024 at 10.00 am




DEPARTMENT OF TEXTILE TECHNOLOGY





" Career Guidance Programme "



Distinguished Alumni
(1997 - 2001 Batch)
Mr. G. JAYABAL
General Manager
Mani Omega Fabrics
Tiruchengode



06 January, 2024 | Saturday


10.00 a.m.


Dr. M. S. Swamynathan Seminar Hall

Coordinator: **Dr. K. Saravanan**
Prof - Textile

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 / ksrct1994

Pongal Celebration

Glimpses of Department of Textile Technology ksrct1994 celebrating "Pongal Festival 2024" on January 12, 2024.



DEPARTMENT OF TEXTILE TECHNOLOGY

Pongal Celebration 2024



12.01.2024



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Webinar

Institution's Innovation Council at K S Rangasamy College of Technology presents a webinar on 'Innovative and Entrepreneurial Opportunities in Textile and Apparel Industry Using Computer-Aided Design Applications' by RAJESH KUMAR CHANDRASEKARAN, Associate Professor, Department of Fashion Technology, Sona College of Technology, Salem. 19-01-2024 05:30 pm

KS Rangasamy College of Technology (Autonomous)

Institution's Innovation Council **Department of Textile Technology**

Webinar on

Innovative and Entrepreneurial Opportunities in Textile and Apparel Industry Using Computer-Aided Design Applications

Resource Person
RAJESH KUMAR CHANDRASEKARAN
Associate Professor
Department of Fashion Technology
Sona College of Technology
Salem

Date : 19-01-2024
Time : 05:30 pm

Coordinator
Dr. K R Nandagopal
Assistant Professor/Textile

Join Us @

<https://bit.ly/42k2VbP>

[/iicsrct1994](https://iicsrct1994) iic.ksrct.ac.in

Guest lecture

#ksrct1994 Department of #TextileTechnology, TAFETA (A Student Association) organizes a guest lecture on the topic "World Skills Initiative: Empowering Textile Students for Excellence" on 30.01.2024 (Tuesday), 02.00 p.m.

KS Rangasamy College of Technology (Autonomous)

DEPARTMENT OF TEXTILE TECHNOLOGY

Organized by

TAFETA
A Students Association

Resource Person
Mr. A. NAVEEN SANKAR
India Skill Consultant
Chennai

Guest Lecture

" World Skills Initiative : Empowering Textile Students for Excellence "

30 January, 2024 | 02.00 p.m.

<https://bit.ly/KSRCTTEXTILEGL01>

www.ksrct.ac.in [/ksrct1994](https://ksrct1994)

Seminar

Institution's Innovation Council of K S Rangasamy College of Technology Organizing Seminar on "Unlocking Entrepreneurial Opportunities for Early Stage Innovators in the Textile Industry" by Gnanasambandham Anbazhagan, Group Project Manager, HCL Technologies Ltd, Chennai & Proprietor: Ancient King of Garments, Tiruchengode on 10.02.2024 at 09.30 am, MS Swaminathan Seminar Hall

The poster features logos at the top for KS Rangasamy College of Technology (Autonomous), Institution's Innovation Council, G20, IDEALab, and Entrepreneurship. Below these, it identifies the organizing bodies as the Institution's Innovation Council and the Department of Textile Technology. The central theme is a seminar on unlocking entrepreneurial opportunities for early stage innovators in the textile industry. A circular photo of the resource person, Gnanasambandham Anbazhagan, is shown. His details include being the Group Project Manager at HCL Technologies Ltd, Chennai, and the proprietor of Ancient King of Garments in Tiruchengode. The coordinator is Mr. G. Devanand AP/Textile. The date and time are 10-02-2024 at 09:30 am, and the venue is MS Swaminathan Seminar Hall. Social media links for /iicksrct1994 and the website iic.ksrct.ac.in are provided at the bottom.

KS Rangasamy College of Technology (Autonomous)
Institution's Innovation Council
Department of Textile Technology

Seminar on
Unlocking Entrepreneurial Opportunities for Early Stage Innovators in the Textile Industry

Resource Person
Gnanasambandham Anbazhagan
Group Project Manager
HCL Technologies Ltd, Chennai &
Proprietor : Ancient King of Garments
Tiruchengode

Coordinator
Mr. G. Devanand AP/Textile

Date : 10-02-2024
Time : 09:30 am

venue
MS Swaminathan Seminar Hall

/iicksrct1994
iic.ksrct.ac.in

Orientation programme

Department of Textile Technology associated with RRC and YRC of KSRCT is planned to organize "Orientation programme for Blood Donors" on 10th February 2024.

The poster is for an orientation program for blood donors. It features logos for KS Rangasamy College of Technology (Autonomous), Centre for Sustainable Development Goals (SDG), Department of Textile Technology, Red Ribbon Club, and Youth Red Cross. The program is jointly organized by the Department of Textile Technology, Red Ribbon Club, and Youth Red Cross. The title is "BLOOD DONORS" in large red letters. Below the title, it lists the resource persons: Mr. M. Suresh Babu, Social Activist Blood Coordinator, Coimbatore, and Mr. R. Kaviyarasu, Erode District Blood Co-ordinators Association, Founder Erode Platelet Club, Erode. The date and time are 10 February, 2024 | Saturday at 10.30 a.m. The venue is Visvesvaraya Hall. The coordinators are Dr.KR.Nandagopal, AP / Textile and Mr D.Senthil Raja, ASP / Maths. The website www.ksrct.ac.in and social media link /ksrct1994 are provided at the bottom.

KS Rangasamy College of Technology (Autonomous)
Centre for Sustainable Development Goals (SDG)
Department of Textile Technology, Red Ribbon Club & Youth Red Cross
jointly organizes
Orientation Program
on
"BLOOD DONORS"
Resource Persons

Mr. M. Suresh Babu
Social Activist Blood Coordinator
Coimbatore

Mr. R. Kaviyarasu
Erode District Blood Co-ordinators Association
Founder Erode Platelet Club, Erode

10 February, 2024 | Saturday
10.30 a.m.
Visvesvaraya Hall

Coordinators:
Dr.KR.Nandagopal, AP / Textile | Mr D.Senthil Raja, ASP / Maths

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Webinar

Institution's Innovation Council of KS Rangasamy College of Technology Organising Webinar on "Innovative Braiding of Materials, Manufacturing, and Applications in the Startup Landscape of the Textile Industry" by Dr Zunjarrao Bapuso Kamble, Assistant Professor, Department of Textile Technology, Dr BR Ambedkar National Institute of Technology Jalandhar. On 22.02.2024 at 02.30 pm



Institution's Innovation Council **Department of Textile Engineering**

Webinar on
Innovative Braiding of Materials, Manufacturing, and Applications in the Startup Landscape of the Textile Industry



Date : 22.02.2024
Time : 2.30pm

Coordinator
Dr. N Sukumar
Professor/ Textile

Resource Person
Dr Zunjarrao Bapuso Kamble
Assistant Professor
Department of Textile Technology
Dr B R Ambedkar National Institute of Technology
Jalandhar

Join Us @ 

<http://bitly.ws/NMAh>
iic.ksrct.ac.in

 /iicksrct1994

Expert Talk

#ksrct1994 Department of #Textile Technology and The Textile Association (India) are jointly organizing a guest lecture on the topic "Opportunities and Challenges in Export of Textiles" on 24.02.2024 (Saturday), 11.00 a.m.



DEPARTMENT OF TEXTILE TECHNOLOGY &  **THE TEXTILE ASSOCIATION (INDIA)**
SALEM UNIT
Jointly Organizing


Resource Person
Mr.R.CHANDRAN
Deputy Director
Export Promotion & Quality Assurance Division
Textiles Committee, Ministry of Textiles
Government of India
Mumbai

Guest Lecture
on
Opportunities and Challenges in Export of Textiles

24 February, 2024 | 11.00 a.m



 <https://bit.ly/KSRCTTEXTILEGL02>

www.ksrct.ac.in  /ksrct1994

FACULTY ACTIVITIES:

1. Dr.N.Sukumar, Professor/ Textile, has participated and presented a paper entitled "Development and Characterization of Enset Fiber Interchange Double cloth Reinforced Composite with Unsaturated Polyester Resin" organized by I st Indo Japan Textile Research Conference (IJTRC), Delhi- 27.11.2023 to 28.11.2023.



2. Mr.M.Arunkumar AP /Textile, has participated in "NDLI Online Quiz - 47" organized by Dr.S.R.Ranganathan Knowledge Centre & NDLI Club of K S Rangasamy college of Technology, Tiruchengode- 11.12.2023 & 12.12.2023.



3. Dr.K.Saravanan, Professor/ Textile, has participated in International Conference on "Innovations for a Resilient and Sustainable Cotton Production and Viable Value Chain" organized by ICAR – CIRCOT, Mumbai- 06.12.2023 to 08.12.2023.



4. Dr.M.Bharani, Associate Professor/ Textile, has participated in International Conference on "Exploring the impact of jute fabric reinforcement on the mechanical characteristics of poly lactic acid composites" organized by Technical Textiles and Nonwovens, IIT, Delhi - 12.12.2023 to 14.12.2023.

5.



6. Dr.M.Bharani, Associate Professor/ Textile, has participated in Workshop on "E-Textiles Wearable Technology: Materials, Applications and Standardization" organized by Technical Textiles and Nonwovens, IIT, Delhi - 12.12.2023 to 14.12.2023.



7. Dr.K.R.Nandagopal, Assistant Professor/ Textile, has participated in International Conference on "Innovations for a Resilient and Sustainable Cotton Production and Viable Value Chain" organized by ICAR – CIRCOT, Mumbai- 06.12.2023 to 08.12.2023.



8. Dr.K.R.Nandagopal, Assistant Professor/ Textile, has participated in 7th International Conference on "Technical Textiles and Nonwovens" organized by Department of Textile and Fibre Engineering, IIT, Delhi- 12.12.2023 to 14.12.2023.



9. ksrtc1994, Dr.G.Karthikeyan, Vice-Principal & HoD-Textile Technology and Dr.K.R.Nandagopal Assistant Professor, Department of #Textile Technology, K.S.Rangasamy College of Technology has acted as #Namakkal district level screening committee members for "#Young Designer Award" held on 11.01.2024 at District #Handloom Office, Tiruchengode.



10. KSRTC 1994, Department of Textile Technology Dr KR Nandagopal & Dr K.Saravanan # Research Paper presentation 9 th Asian Cotton Research & Development Network (ACRDN) & International conference, ICAR - CIRCoT, Mumbai # Dec 06 to 08 - 2023 interaction with overseas delegates



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**DEPARTMENT OF
TEXTILE TECHNOLOGY**



06-08.12.2023

9th ACRTN Meeting & International Conference at ICAR - CIRCoT, Mumbai
Dr.K.R.Nandagopal & Dr. K.Saravanan with Overseas Industrial Experts & Research Article Presentation

GLIMPSES








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Dr. S.K.Shukla, Director, ICAR-CIRCoT, Mumbai

/ksrct1994

11. Mr.M.Arunkumar AP /Textile, has mentor for the NPTEL online certification course "Textile Finishing" July – December 2023.



**CERTIFICATE
OF APPRECIATION**

is awarded to


M ARUNKUMAR


K S RANGASAMY COLLEGE OF TECHNOLOGY
TIRUCHENGODE, TAMIL NADU

in recognition of his/her role as mentor for the
NPTEL Online Certification course


TEXTILE FINISHING

JUL - DEC 2023





Mentees Enrolled	Mentees Present	Score (in %)					Toppers
		<40	40-59	60-74	75-89	>=90	
17	13	13	0	0	0	0	0



PROF. ANDREW THANGARAJ
NPTEL Coordinator
IIT Madras

12. Mr.P.Maheswaran AP /Textile, has mentor for the NPTEL online certification course "Textile Finishing" July – December 2023



Table 1:

S. No	Name	Applying as	Academic and Professional Background	Team information:	Project Idea
1.	Mr. Saravanan E	Team	Student III Year	Harish D harishd182004@gmail.com Thakchanamurthi. M. V thakchanamurthi14@gmail.com Mentor: Dr Bharani Murugesan	Flexiheal: Precision Wound Care With Smart Polymer Bandages
2.	Mr. S. Hari Prasadh	Team	Faculty	Dr. R. Gopalakrishnan principal@ksrct.ac.in Dr. Bharani Murugesan bharanim@ksrct.ac.in	Tech Shield – Smart Sensor Based Safety Jackets Revolutionizing Civil Worker Safety
3.	Ms. G.Dhanapriya	Team	Faculty	Name: Dr. Bharani Murugesan E.mail : mbharan79@gmail.com Name: Dr K B Jayanthi E.mail : jayanthikb@gmail.com	LactaCare: Smart Monitoring and Collection for Breastfeeding Mothers

Proposal submitted:

File Name: SPG/2024/002773

Investigator Name: BHARANI MURUGESAN

Project Title: **IoT-Enhanced Smart Turf Development: Bridging Innovation with Indigenous Insights**

Team details: PI:Dr Bharani Murugesan

COPI: Dr KB Jayanthi

Amount: Rs. 2999000

S.No	Title and agency	Team
1.	File Name : SPG/2024/002773 Project Title : IoT-Enhanced Smart Turf Development: Bridging Innovation with Indigenous Insights Amount: ₹299900	PI: Dr Bharani Murugesan CoPI: Dr KB Jayanthi

Dr.K.R. Nandagopal "Hackathon – (IOT based Portable Thermal Insulation Tester) Bharat-Tex 2024"

"Hackathon – (Textile Effluent, Treated with Bio Sustainable Material – Aloe vera) Bharat-Tex 2024"

Full Name	M. Prasanth	M. Nikhil Pravin	V.Sakthivel
Email Address	prasanth86109@gmail.com	nikhilpravin7424@gmail.com	Sakthimagic2009@gmail.com
Phone Number	8610938030	9943340736	9791262320

"Hackathon – (Heat resistance layer/pad for smart phone by textile composite materials) Bharat-Tex 2024"

Full Name	RANJITH.M	VASIHARA.S	SURIYA.K
Email Address	mrtranjith007@gmail.com	vasihara.124@gmail.com	k.suriya26032002@gmail.com
Phone Number	6380878067	9344925104	8610917798

"Hackathon – CIVIL ENGINEERING AND TEXTILE COMPOSITE MATERIALS Bharat-Tex 2024"

Full Name	Abu Syed Mubaraq.A	Pavithran R K	Mohammed Jasid P.P
Email Address	abumubaraq910@gmail.com	pavithranrk2004@gmail.com	jasid0211@gmail.com
Phone Number	8940663609	9787881836	9400755775

"Hackathon – (Bio degradable-Engineered Venturi Mask) Bharat-Tex 2024"

Email Address	nikhilpravin7424@gmail.com	Atheeskannatup5544@gmail.com	saminathanabishek@gmail.com
Phone Number	9943340736	8248621048	6379509118



13. Dr.G.Karthikeyan, Head,Professor & Dr.K.R.Nandagopal, Assistant Professor /Textile, has Poster Presentation in International Conference on "Silk -Wet Processing - Chemical Contamination Reduction - By - Sustainable Natural Bio - Material Aloe Vera" organized by Global Scenario & Sustainable Solutions in Silk Industry, New Delhi - 28.02.2024.



14. Dr.G.Karthikeyan, Dr.K.Saravanan and Dr. M. Bharani has Chair of the Session on 8 -9 / 02 / 2024: International Conference on "Sustainable Technologies and Circularity in Textile Value Chain-The Global Perspective" SSM College of Engineering, Komarapalayam.



15. Dr.K.R.Nandagopal, Assistant Professor / Textile, has delivered a Lecture on the Topic "Innovation of Sustainable Automotive Interior Composites from Textile Waste recycled Material" under Textile Engineering – TXDB Division on 27.02.2024.



STUDENTS ACTIVITIES:

PRECITEX Award



DEPARTMENT OF TEXTILE TECHNOLOGY



Ms. S.Hema, IV Year - B.Tech Textile Student Received " **PRECITEX AWARD** " from Precision Rubber Industries Pvt. Ltd, Mumbai

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[f](#) [t](#) [i](#) [y](#) [p](#) [i](#) [n](#) / ksrct1994





P.Arunkumar and K.S. Abishek, IIIrd year Textile Technology students won II Prize in "Technical Quiz" in the National Level Technical Symposium – "SARTORIA 24" organized by Department of Fashion Technology, Sona college of Technology, Salem- 23 & 24 Feb 2024

S.R. Arun, J. Pradeesh and S.Sathishkumar, II Year Textile, has Poster Presentation in International Conference on "Silk –Wet Processing – Chemical Contamination Reduction – By – Sustainable Natural Bio – Material Aloe Vera" organized by Global Scenario & Sustainable Solutions in Silk Industry, New Delhi – 28.02.2024.



PLACEMENTS :

Name	Company Name	Salary /Year
Sujeet S	Shahi Exports Pvt Ltd, Bangalore	1,92,000
Harikrishnan T	Astrah Fashions Pvt Ltd, Tirupur	3,60,000
Hariprasad S	Astrah Fashions Pvt Ltd, Tirupur	3,60,000
Hariharan C K	Karuna Tex, Pallipalayam	3,24,000
Shreenivasha S	Sri Thirumal Dyeing, Karur	3,00,000
Gopinath S	STOWA Garments, Tirupur	1,80,000

S.No	Reg.No	Name	Date of Interview	Company Name	Salary / Year	Venue	Referred By
1.	73772022131	NARENDRAPRASATH S	28.01.2024	Mani Omega Fabrics, Tiruchengode	2,40,000	Tiruchengode	Dr.N.Sukumar
2.	73772022120	JAIKRISHNAN S	28.01.2024	Mani Omega Fabrics, Tiruchengode	2,40,000	Tiruchengode	Dr.N.Sukumar
3.	73772022134	PRASANTH S	31.01.2024	Goodwill Fabrics Pvt, Ltd, Bangalore	2,40,000	Bangalore	Dr. K.Saravanan
4.	73772022146	VEERARAGAVAN V	03.02.2024	SCM Garments Pvt Ltd, Tirupur	2,16,000	Tirupur	Dr.G.Karthikeyan
5.	73772022124	KAVIN S	03.02.2024	SCM Garments Pvt Ltd, Tirupur	2,16,000	Tirupur	Dr.G.Karthikeyan
6.	73772022103	ARUN PRADEEP C	03.02.2024	SCM Garments Pvt Ltd, Tirupur	2,16,000	Tirupur	Dr.G.Karthikeyan
7.	73772022148	VIGNESH V	03.02.2024	SCM Garments Pvt Ltd, Tirupur	2,16,000	Tirupur	Dr.G.Karthikeyan
8.	73772022145	VARUN RAJA N	03.02.2024	SCM Garments Pvt Ltd, Tirupur	2,16,000	Tirupur	Dr.G.Karthikeyan
9.	73772022137	SHALINI M	03.02.2024	SCM Garments Pvt Ltd, Tirupur	2,16,000	Tirupur	Dr.G.Karthikeyan
10.	73772022401	BHAGYA SHREE K S	03.02.2024	SCM Garments Pvt Ltd, Tirupur	2,16,000	Tirupur	Dr.G.Karthikeyan



PUBLICATIONS :

1. Ms.C.Premalatha, ASP, Department of Textile Technology, Paper title is "Analysis of Thermal Comfort Properties of Tri-Layer Knitted Fabrics" Published in Journal of Natural Fibers, VOL 20, NO 1,2164107. January 2023.
 2. Dr.K.Saravanan Professor, Department of Textile Technology, Paper title is" Characterization and potential applications of Grewia hirsuta fibers: nature's own composite materials" Published in Biomass Conversion and Bio refinery - January 2024.
 3. Dr.G.Karthikeyan Professor, Department of Textile Technology, Paper title is "A Critical Review of the use of Hybrid Composites in Helmet Design" Published in Textile Trends - January 2024.
 4. Mr. A.S.Subburaayasaran, Assistant Professor, Department of Textile Technology, Paper title is "Manufacturing Methods and Finishes Applied on Fire Retardant Fabrics" Published in Asian Textile Journal – February 2024.
 5. Dr.M.Bharami, Associate Professor, Department of Textile Technology, Paper title is" Bending and Shear Property of Fabrics Produced from Trevira CS and its Blends" Published in Fibre and Polymers – February 2024. <https://doi.org/10.1007/s1221-024-00499-3>
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