

Dr.T.SUGANTHI, M.Tech, Ph.D., MBA

Professor & Head

Department of Fashion Technology

Jai Shriram Engineering College

Tirupur-638 660

E-mail: ft@jayshriram.edu.in

suganthi.ft@gmail.com

**ACADEMIC**

| Category | Name of the Degree | Specialization | Year of Passing | Name of the College | Name of the University | % of Marks / Grades obtained | Class obtained |
|----------|--------------------|---------------------------------|-----------------|----------------------------------|-----------------------------|------------------------------|---------------------------------------|
| UG | B.Tech | Fashion Technology | 2006 | Kumaraguru College of Technology | Anna University, Chennai | 84 | First class with distinction |
| PG | M.Tech | Apparel Technology & Management | 2010 | Kumaraguru College of Technology | Anna University, Coimbatore | 9.3 | First class with distinction |
| | MBA | Human Resource Management | 2009 | Bharathiyar University | Bharathiyar University | 6.8 | First class |
| Ph.D. | Ph.D. | Textile Technology | 2017 | PSG College of Technology | Anna University, Chennai | - | Highly recommended (Foreign Reviewer) |

CORE EXPERTISE

- Pattern making, Garment construction, Fashion designing, Industrial engineering, Quality assurance, Apparel Production planning and control and Knitted fabric structure.

COMPUTER SKILLS

MS office

Wins soft

Lectra CAD

Vidhya CAD

WORK EXPERIENCE

Total Teaching Experience Teaching: Engg : 11 Years 10 Months
 Arts : 01 Year 01 Month
 Industry : 04 Years 06 Months

Total: 17 Years 5 Months

PAPERS PUBLISHED

Articles in Journals

- Gokarneshan, N & Suganthi, T March 2010, Application of Aroma finish for ladies wear garments, Textile Review, 19 -22.
- Suganthi, T & Senthilkumar P May 2015, 3D evaluation of garment fit, Apparel Views, 48-49.
- Suganthi T, & Senthilkumar P May 2015, An overview of fit and its relationship with clothing, Apparel Views, 52-54.
- Suganthi T, & Senthilkumar P January-February 2016, Study of thermal comfort characteristics of tri-layer knitted fabrics for sportswear, Knitting views, 52–56.
- Suganthi, T, Senthilkumar, P & Dipika, V 2017, Thermal comfort properties of bi-layer knitted fabric structure for volleyball sportswear, Fibres and Textiles in Eastern Europe, 25(1), 75-80.
- Suganthi, T & Senthilkumar P 2018, Development of tri-layer knitted fabrics for shuttle badminton players, Journal of Industrial Textiles, 48 (4), 738-760.
- Suganthi, T & Senthilkumar P 2017, Thermo-physiological comfort of layered knitted fabrics for sportswear, Tekstil ve Konfeksiyon, 27(4), 352-360.
- Suganthi, T & Senthilkumar P 2018, Moisture-management properties of bi-layer knitted fabrics for sportswear, Journal of Industrial Textiles, 47 (7), 1447-1463.
- Suganthi, T & Senthilkumar P 2018, Thermal comfort characteristics of bi-layer knitted fabrics for sportswear, International Journal of Fashion Design, Technology and Education, 11(2), 210-222.
- Suganthi, T & Senthilkumar P 2018, Comfort properties of double face knitted fabrics for tennis sportswear, Indian Journal of Fibre and Textile Research, 43(1), 9-19.

- Suganthi, T & Senthilkumar P 2019, Influence of tuck stitch in wale direction on thermal comfort characteristics of layered knitted fabrics, Indian Journal of Fibre and Textile Research, 44 (1), 65-74.
- Suganthi, T & Senthilkumar P 2019, Influence of tuck stitch in course direction on thermal comfort characteristics of layered knitted fabrics, Indian Journal of Fibre and Textile Research, 44(2), 163-172.
- Suganthi, T & Senthilkumar P 2022, Investigation of moisture transfer properties of double-face weft knitted fabrics for sports clothing, Journal of Industrial Textiles, Vol. 51(3S), 5286S-5303S.
- Dhesighnraja J, Mayandi K, Rajini N, Selvakumar A, Suganthi T, 2024, Comparitive analysis between abaca (Musaceae) and grass (Poaceae) fibers, Asian Textile Journal, March-April, 44-50.

Articles in Proceedings

- Presented paper in the International Conference on the title “Design and Development of Fabric Structure Models” organized by Jai Shriram Engineering College, Tirupur on 25.04.2025.
- Presented paper in the International Conference on the title “Design and Development of Trims and Accessories by Using Textile Remnants” organized by Bannari Amman Institute of Technology, Sathy from 26.03.2025 to 27.03.2025.
- Presented paper in the International Conference on the title “Technical textiles and its applications” organized by Jai Shriram Engineering College, Tirupur on 24.04.2024.
- Presented paper in the International Conference on the title “Recycling of textile wastes into paper, cardboards and plastic covers” organized by Jai Shriram Engineering College, Tirupur on 24.04.2024.
- Presented paper in the International Conference on the title “Development of Sanitary Napkin by using Ripe Palmyra Fruit Fibre” organized by Jai Shriram Engineering College, Tirupur on 24.04.2024.
- Presented paper in the National Conference on the title “A Study on 3m’s of Intimate Apparel Products” organized by Kumaraguru College of Technology, Coimbatore from 01.03.2024 to 02.03.2024.

- Presented paper in the International Conference on the title “Sustainable Development of Coconut Shell Craft Fashionable Product and Production Process” organized by SSM College of Engineering, Komarapalayam from 08.02.2024 to 09.02.2024.
- Presented paper in the NAAC Sponsored National Seminar on the title “An Overview: Sustainability in Textile Industry” organized by Sardar Vallabhbhai Patel International School of Textiles and Management, Coimbatore on 14.09.2023.
- Presented paper in the National Conference on the title “Sustainable Development of Coconut Shell Wood Craft Fashionable Product” on 04.07.2023 at T.John College, Bangalore.
- Presented paper in the National Conference on the title “Development of Smart Apparels for Physically Challenged Peoples” from 03.04.2023 to 04.03.2023 at Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, India.
- Presented paper in National conference on the title *Effect of loop length on physical properties of knitted fabric structures* on 09.04.2010 at SSM College of Engineering, Komarapalayam.
- Presented paper in the International conference on the title *“Effect of loop length on mechanical properties of knitted structures* from 12.08.2010 to 14.08.2010 at Park College of Engineering and Technology, Coimbatore.
- Presented seminar on the topic **“Role of IT in garment industry”** at **Weave Tex fair** from 10.07.2015 to 12.07.2016 at **Tex Valley**, Erode.

FUNDS RECEIVED

- Received fund of Rs.25,000/- for organizing Fashion Show contest 25-Explore your imaginations from Texcoms Worldwide on 01.03.2025.

AWARDS AND ACHIEVEMENTS

- **Elite + Silver** in the NPTEL exam for the 4 week course entitled “Teaching and Learning in General Programs: TALG” during Jul-Aug 2024.
- **Topper** in the NPTEL exam for the 12 week course entitled “Science and Technology of Warp Knitting” during July-October 2021.

- **Elite + Gold** in the NPTEL exam for the 12 week course entitled “Science and Technology of Warp Knitting” during July-October 2021.
- Received **Elite Grade (16 members got certification)** in NPTEL exam for the 12 week course entitled “Evaluation of Textile Materials” during January-April 2021.
- **Best project award** for the project entitled “Design and development of trims and accessories by using textile remnants” during the year 2024-2025.
- **Best project award** for the project entitled “Recycling of textile wastes into paper, cardboards, and plastic covers” during the year 2023-2024.
- **Best project award** for the project on “Development of Zylon Soft body Armour Vest with Tussar Silk Fabric”, for the year 2012-2013.
- **Best project award** for the project “Study and implementation of lean and its tools in apparel industry” during the academic year 2014-2015.
- Continuously attained **100% result** in various fashion and apparel oriented subjects.
- Awarded as a **Best Class Advisor** for the 2011-2015 batch students for securing 100% results in all the subjects continuously for five semesters.
- Developed **Tri-layer knitted** fabric model was published in paper and **recognized** by the garment industry.
- Framed syllabus is approved by the Syllabus committee members for the subject **Fashion styling and Fashion cities**.