



**JAI SHRIRAM ENGINEERING COLLEGE**

**TIRUPPUR – 638 660**

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Recognized by UGC & Accredited by NAAC and NBA (CSE and ECE)



## **DEPARTMENT OF FASHION TECHNOLOGY**

### **PROGRAM EDUCATIONAL OBJECTIVES (PEO)**

- PEO1:** To provide strong foundation in basic science, mathematics, engineering and experimentation skill to comprehend the manufacturing processes providing practical and innovative solutions.
- PEO2:** To enrich knowledge on theory and practices in the field of Fashion Technology along with the allied areas to manage apparel industry upholding techno-economic solutions to the problems with an abreast to emerging technology.
- PEO3:** To imbibe management, leadership and team building skills among the graduates for shaping them as professional and entrepreneur in the discipline of Fashion Technology.

### **PROGRAM OUTCOMES (PO)**

Engineering graduates will be able to:

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science and engineering in apparel design and production process.
- PO2: Problem analysis:** Identify, formulate, review literature and critically analyze complex technological problems in the apparel industry to reach substantial conclusion.
- PO3: Design/Development of solutions:** Design solutions for complex technological problems, develop system and components of processes with due consideration given to public health, safety, cultural, societal and environmental factors.
- PO4: Conduct investigations of complex problems:** Acquire research based skill to conduct experiments/investigations and interpret data with reference to systems and standard to provide valid conclusion to technological problem in apparel industry.
- PO5: Modern tool usage:** Acquire knowledge to use modern design and engineering tools for effective utilization of resources in complex engineering activities for apparel process and product development.
- PO6: The engineer and society:** Apply reasoning gained through the contextual knowledge to analyze societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to technological engineering practice.



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- PO7: Environment and sustainability:** Understand the impact of sustainable development and need of engineering solutions in societal and technological contexts.
- PO8: Ethics:** Commitment to implement professional and ethical values in apparel industry.
- PO9: Individual and team work:** Function effectively as an individual and as a team leader in diverse team throughout the apparel sector.
- PO10: Communication:** Communicate effectively in written, oral and illustrative presentation on complex engineering activities with the engineering community and society at large in a clear precise manner.
- PO11: Project management:** Demonstrate knowledge, and skill for understanding engineering with management principles as a member and team leader in the areas of designing, manufacturing, marketing and entrepreneurship in multi-disciplinary environments.
- PO12: Life-long learning:** Recognize the need for the ability to take-part in life-long learning in the broadest context of technological change in the apparel field.

### PROGRAM SPECIFIC OUTCOMES (PSO)

**The Graduates will be able to:**

- PSO1:** Design and develop apparel products using creative concepts and techniques to meet the diversified needs of the apparel industry.
- PSO2:** Apply the apparel domain concepts in apparel manufacturing to provide techno-economic solutions for the real time problems to meet industry requirements with efficient financial and managerial skills.