



Mrs. U. Dhatchayani M.Tech
Assistant Professor

Mrs. U. Dhatchayani completed B.Tech in Textile Technology from Bannari Amman Institute of Technology and M.Tech in Apparel Technology and Management from Kumaraguru College of Technology. With around 13 years of teaching experience in engineering education, specialization includes textile testing, fabric manufacturing, garment technology, technical textiles, sustainability, and fashion studies.

Actively involved in teaching, curriculum development, research with a strong focus on industry-oriented learning and skill development. Contributed to syllabus design, laboratory development, and implementation of innovative teaching methodologies including demonstrations, case studies, assignments, industrial exposure, and interactive learning practices.

Published several research articles in reputed national and international journals in the fields of textile technology, sustainability, technical textiles, and fashion studies. Also authored the book *Advancement in Jute Research*. Research interests include sustainable textiles, apparel manufacturing, technical textiles, and textile-based product innovations.

Actively engaged in organizing and coordinating national-level seminars, workshops, industrial visits, skill development programmes, and training initiatives for students, industry participants, and rural women empowerment programmes. Participated in various Faculty Development Programmes, workshops, and professional training programmes related to emerging trends in textile engineering, artificial intelligence in research, intellectual property rights, and sustainable textile practices.

Contributed to Institutional development activities through involvement in examination coordination, laboratory management, accreditation documentation, project coordination, admission activities, outreach programmes, and student mentoring. Also involved in collaborative projects and government-supported initiatives related to sustainability, skill development, and capacity building in the textile sector.