Diploma in Textile Manufactures

Program Educational Objectives (PEOs)

The diploma programme of textile manufactures is designed:

1. **To acquire in-depth knowledge in basic science, engineering science and the field of textile processes, products and quality aspects.**
2. **To develop problem solving and leadership skills to demonstrate technical competence in work environments and teamwork.**
3. **To motivate students towards continuous learning process in the field of textile manufacturing.**
4. **To attain excellence through professionalism, ethical conduct, effective communication and team work within the individual.**

Program Outcomes (POs)

On successful completion of the programme, students will be able to:

1. Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the broad-based Textile Manufacturing problems (**Basic and Discipline specific knowledge).**
2. Identify and analyze well-defined Textile Manufacturing problems using codified standard methods **(Problem analysis).**
3. Design solutions for well-defined Textile Manufacturing technical problems and assist with the design of systems components or processes to meet specified needs (**Design/ development of solutions).**
4. Apply modern Textile Manufacturing tools and appropriate technique to conduct standard tests and measurements(**Engineering Tools, Experimentation and Testing).**
5. Apply appropriate Textile Manufacturing technology in context of society, sustainability, environment and ethical practices (**Engineering practices for society, sustainability and environment**).
6. Use Textile management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined Textile Manufacturing activities (**Project Management).**
7. Ability to analyze individual needs and engage in updating in the context of technology **(Life-long learning).**

Program Specific Outcomes (PSOs)

On successful completion of the programme, students will be able to:

1. **Ability to apply knowledge of selecting raw materials, machines and process parameters using standard methods and engineering tools for designing solutions to meet specified needs of textile industry.**

2. **Understand the impact of textile processes in societal and environmental context and demonstrate the knowledge for sustainable development through team work and effective communication for life-long learning.**