DEPARTMENT OF TEXTILE TECHNOLOGY

B.Tech Textile Technology

PROGRAMME OUTCOMES (POs)

Attributes of POs

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PO Statements

1. Apply knowledge of science, mathematics and engineering to troubleshoot and solve textile and allied industry problems

2. Identify the research gaps, review literature and formulate research scheme in textiles in order to arrive at substantiated conclusion

3. Design system components, processes and product to meet the desired needs with appropriate practical considerations

4. Plan and conduct experiments, characterize, analyze and interpret data statistically for innovative and optimal solutions and product developments

5. Create, select, and apply techniques, resources, and modern engineering and IT tools for engineering activities

6. 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

7. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development

8. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice
9. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings

10. Communicate effectively on complex engineering activities with the engineering community and with society at large

11. Demonstrate knowledge and understanding of the engineering and management principles, finance, branding and marketing principles and apply these to manage projects in multidisciplinary environments

12. Recognize the need for, and have the base and ability to engage in independent and life-long learning in the broadest context of technological change