Department Vision

To establish a world class academy for Manufacturing and Industrial Engineering

Department Mission

- Curriculum development with state-of-the-art technologies.
- Pursue research interests of manufacturing and industrial engineering.
- Consultancy in design, manufacturing and industrial engineering
- Industry-Institute interaction
- Equipping Laboratories with state-of-the-art equipment.

Programme Educational Objectives (PEOs):

PEO 1: Graduates of the programme will be capable of integrating Engineering fundamentals and advanced Industrial Engineering concepts.
PEO 2: Graduates of the programme will be professionally competent for gainful employment in Industrial Engineering and Management functions and sustain future challenges.

Programme Outcomes (POs):

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<th>Attributes</th>
<th>Programme Outcomes</th>
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<tr>
<td>Scholarship of Knowledge</td>
<td>Acquire in-depth knowledge of industrial engineering with an ability to define, evaluate, analyse and synthesize existing and new knowledge.</td>
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<td>Critical Thinking</td>
<td>Analyse complex real time industrial engineering problems critically, apply independent judgement for synthesizing information to make intellectual and/or creative advances for conducting research.</td>
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<td>Problem Solving</td>
<td>Conceptualize and solve industrial engineering problems and evaluate potential solutions after considering economic and eco-friendly factors.</td>
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<td>Research Skill</td>
<td>Develop scientific/technological knowledge in industrial engineering domain through literature review and design and analysis of experiments.</td>
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<td>Usage of modern tools</td>
<td>Apply tools for modelling and simulation of complex system, life cycle assessment, ergonomic assessment, supply chain assessment and data analysis.</td>
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<td>Collaborative and multi-disciplinary work</td>
<td>Perform collaborative-multidisciplinary industrial engineering research, through self-management and teamwork.</td>
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<td>Project Management and Finance</td>
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<td>Independent and Reflective Learning</td>
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