



Doctor of Philosophy Mechanical Engineering

Program Goals

To train talented students who will conduct original and innovative research in the engineering field, educate future generations, and play leading roles in developing cutting edge technologies while working in industry, academia and government.

Learning Outcomes

1. Students will be able to demonstrate advance knowledge of the foundational principles of Mechanical Sciences and Engineering and the chosen specialization (Tag: Theory & Tools)
2. Students will be able to conduct high-quality original research in the broad field of Mechanical Sciences and Engineering (Tag: Research & Innovation/Problem Solving)
3. Students will be able to communicate and disseminate their knowledge to a broader audience (Tag: Scholarship)
4. Students will be able to demonstrate preparedness for varied responsibilities and opportunities of careers in industrial research and academia. (Tag: Research & Scholarship)