Mechanical Engineering Ph.D. Program Outcomes

1. Having the competence to perceive, design, implement, finalize and evaluate the research process independently and in scientific respect in a novel and specific way with the development and deepening of knowledge in the field of expertise in Thermodynamics, Energy, Mechanics, Machine Theory and Dynamics, Construction and Manufacturing,

2. To present a comprehensive work that brings scientific innovation, develops scientific method or applies a known method in a field and publishes it as a thesis, publishing it in national and international prestigious journals,

3. To be able to analyze, synthesize and evaluate new and complex subjects,

4. To reach the competence of establishing advanced level of written and verbal communication both in its own language and in a foreign language with the scientific community and with the general public,

5. Promoting technological or cultural progress for academic life and work life using acquired knowledge and competence, contributing to the process of being an information society,

6. Having up-to-date information on the issues in the field of expertise, acquiring high-level methods and skills to investigate the problems of related industrial organizations,

7. Applying theoretical and experimental methods to solve the basic issues such as improving business processes in the industry, reducing costs and increasing productivity, making research and development, producing viable solutions, thus contributing to industrial development.