

MSME Program Educational Objectives



- (1) The Master of Science degree program in Mechanical Engineering will achieve excellence and recognition in teaching and learning at an advanced level.
- (2) The Master of Science degree program in Mechanical Engineering will exceed the University's goals for research/creative productivity, enrollment, retention, degree completion, and placement of graduates in jobs or graduate education.
- (3) The Master of Science degree program in Mechanical Engineering will contribute appropriately to intellectual climate and creative exchange, professionalism, civic engagement, inclusiveness, cultural awareness, and respect for diversity.

MSME Student Outcomes



- (1) Students completing the Master of Science degree program in Mechanical Engineering will exhibit effective communication skills (written, oral, and graphic) appropriate for professionals in this field of study at the master's level.
- (2) Students completing the Master of Science degree program in Mechanical Engineering will effectively use quantitative and qualitative problem-solving skills appropriate for professionals in this field of study at the master's level.
- (3) Students completing Master of Science degree program in Mechanical Engineering will demonstrate a level of discipline-specific expertise (knowledge, skills, and professionalism) appropriate for professionals in mechanical engineering at the master's level.
- (4) Students completing the Master of Science degree program in Mechanical Engineering will demonstrate ability to engage in the review and conduct of interdisciplinary research and creative professional activities appropriate for professionals in mechanical engineering at the master's level.

PhD ME Program Educational Objectives



- (1) Students completing the Doctor of Philosophy degree program in Mechanical Engineering will exhibit effective written and oral communication skills appropriate for professionals in engineering at the doctoral level.
- (2) Students completing the Doctor of Philosophy degree program in Mechanical Engineering will effectively utilize quantitative and qualitative problem-solving skills appropriate for professionals in engineering at the doctoral level.
- (3) Students completing the Doctor of Philosophy degree program in Mechanical Engineering will demonstrate the highest level of knowledge, skills, and professionalism appropriate for professionals in engineering at the doctoral level.
- (4) Students completing the Doctor of Philosophy degree program in Mechanical Engineering will demonstrate an ability to contribute productively to knowledge, interdisciplinary research and creative professional activities appropriate for professionals in engineering at the doctoral level.

PhD Student Outcomes



- (1) Students completing the Doctor of Philosophy degree program in Mechanical Engineering will exhibit effective written and oral communication skills appropriate for professionals in engineering at the doctoral level.
- (2) Students completing the Doctor of Philosophy degree program in Mechanical Engineering will effectively utilize quantitative and qualitative problem-solving skills appropriate for professionals in engineering at the doctoral level.
- (3) Students completing the Doctor of Philosophy degree program in Mechanical Engineering will demonstrate the highest level of knowledge, skills, and professionalism appropriate for professionals in engineering at the doctoral level.
- (4) Students completing the Doctor of Philosophy degree program in Mechanical Engineering will demonstrate an ability to contribute productively to knowledge, interdisciplinary research and creative professional activities appropriate for professionals in engineering at the doctoral level.

MEEN Graduate Enrollment and Graduation Data



Graduate Program - Mechanical Engineering Enrollment Data

	2009	2010	2011	2012	2013
MSME	18	26	22	29	34
PhD	33	35	33	31	28
TOTAL	51	61	55	60	62

Graduate Program - Mechanical Engineering Graduation Data

	2009	2010	2011	2012	2013
MSME	8	5	11	4	11
PhD	6	1	4	4	9