

	MATRUSRI ENGINEERING COLLEGE	Criteria No: 1
	NBA Documentation	Sheet No.: 1 of 1
	Dept: Mechanical Engineering	Rev. No.: 01
	Title: PEOs, POs and PSOs	Date: 18.08.2017

PROGRAM EDUCATIONAL OBJECTIVES:

- To prepare students to work in any organization or become an entrepreneur.
- To involve in academic and research oriented projects and build team spirit.
- To associate with professional bodies to improve knowledge and communication skills.
- To create awareness of life-long learning and ethical practices.
- To provide the suitable environment to bring out creativity and innovativeness.

PROGRAM OUTCOMES:

Upon completion of the program, the student will be able

1. To understand and apply the knowledge of mathematics, science and engineering fundamentals.
2. To identify, formulate and analyze the problems in manufacturing and service industry.
3. To design and develop the system/components or process using Mechanical engineering tools and derive the solutions.
4. To investigate complex problems by using statistical tools, software tools, simulation techniques etc.
5. To familiarise with issues concerning the multi-disciplinary areas for integration and innovation in the field of mechanical applications.
6. To assess and be an important contributor to the society in terms of health, safety, legal and cultural issues.
7. To recognize the long term effects of their solutions on environment and sustainability of mankind.
8. To understand the importance of professional, ethical practices and incorporate the same in their day to day life.
9. To execute the work as an individual or member of the team or lead the team effectively to achieve the set objectives.
10. To effectively communicate with his peers, subordinates and superiors.
11. To plan, design and execute engineering projects.
12. To take up or pursue a profession in Mechanical engineering.

PROGRAM SPECIFIC OUTCOMES:

1. Prepare to identify the need of continuous learning and accept the new challenges in multidisciplinary projects.

Prepared by:	Reviewed & forwarded:	Reviewed & Approved by	Issue Date: 18.08.2017
HOD	NBA Coordinator	PRINCIPAL	