



VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING M.Tech. (Advanced Manufacturing Systems)

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Graduates will pursue their professional career in manufacturing domain meeting the needs of Indian and global/multinational organizations.

PEO2: Graduates will demonstrate strong foundation in the manufacturing domain enabling them to visualize, analyze and solve practical problems with due consideration for economical, safety and environmental concerns

PEO3: Graduates will undertake research and engage in continuous upgradation of skills in the manufacturing domain

PEO4: Graduates will exhibit leadership qualities with demonstrable attributes in life-long learning to contribute to societal needs

PROGRAMME OUTCOMES (POs)

PO1: An ability to independently carry out research /investigation and development work to solve practical problems

PO2: An ability to write and present a substantial technical report/document

PO3: An ability to demonstrate a degree of mastery over the manufacturing systems and processes.

PO4: An ability to design and develop a product or manufacturing system with due consideration for economical, safety, environmental and societal concerns.

PO5: ability to assimilate advancements and apply engineering judgment to solve problems in manufacturing.

PO6: An ability to use skills, modern tools and techniques to solve engineering problems and understand the impact of solution in a global context with professional and ethical responsibilities.