

DEPARTMENT OF MECHANICAL ENGINEERING
V R SIDDHARTHA ENGINEERING COLLEGE: VIJAYAWADA (AUTONOMOUS)
M.TECH (CAD/CAM)

PROGRAM OUTCOMES:

PO1	Accomplish a comprehensive conceptual knowledge of modeling and analysis of mechanical components and systems using CAD tools.(PSO1)
PO2	Acquire the technological knowledge of advanced materials and manufacturing methods for improving quality and productivity. (PSO2)
PO3	Apply the principle of Robotics and other automation technologies in manufacturing. (PSO3)
PO4	Independently carry out research /investigation and development work to solve practical problems in CAD/CAM.
PO5	Write and present a substantial technical report/document.
PO6	Learn independently and engage in lifelong learning with understanding of professional, social and ethical responsibilities for the need of sustainable development.

PROGRAM SPECIFIC OUTCOMES:

PSO1	Apply their Knowledge in the domain of thermal systems to solve engineering problems using modern technological tools.
PSO2	Develop and implement new ideas related to product design and manufacturing for societal and industrial needs using modern CAD/CAM/ CAE Tools.