

# DEPARTMENT OF MECHANICAL ENGINEERING

MRK Institute of Technology

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## M.E. THERMAL ENGINEERING

#### **Programme Educational Objectives (PEOs)**

**PEO 1:** Analyse, design and evaluate thermal systems using state of the art engineering tools and techniques

**PEO** 2: Develop methods of energy conservation for sustainable growth

MRK Institute of Technology

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

An ISO 9001: 2008 Certified Institution

**PEO 3:** Communicate effectively and support constructively towards team work

**PEO 4:** Pursue lifelong learning for professional growth with ethical concern for society and environment

#### Programme Outcomes (POs)

### On successful completion of the programme,

**PO 1:** An ability to independently carry out research/investigation and development work to solve practical problems

PO 2: An ability to write and present a substantial technical report/document

**PO 3:** Demonstrate a degree of mastery over thermal engineering at a level higher than the Bachelor's program.

PO 4: Design, develop and analyze thermal systems for improved performance

PO 5: Identify viable energy sources and develop effective technologies to harness them

**PO 6:** Engage in lifelong learning adhering to professional, ethical, legal, safety, environmental and societal aspects for career excellence

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