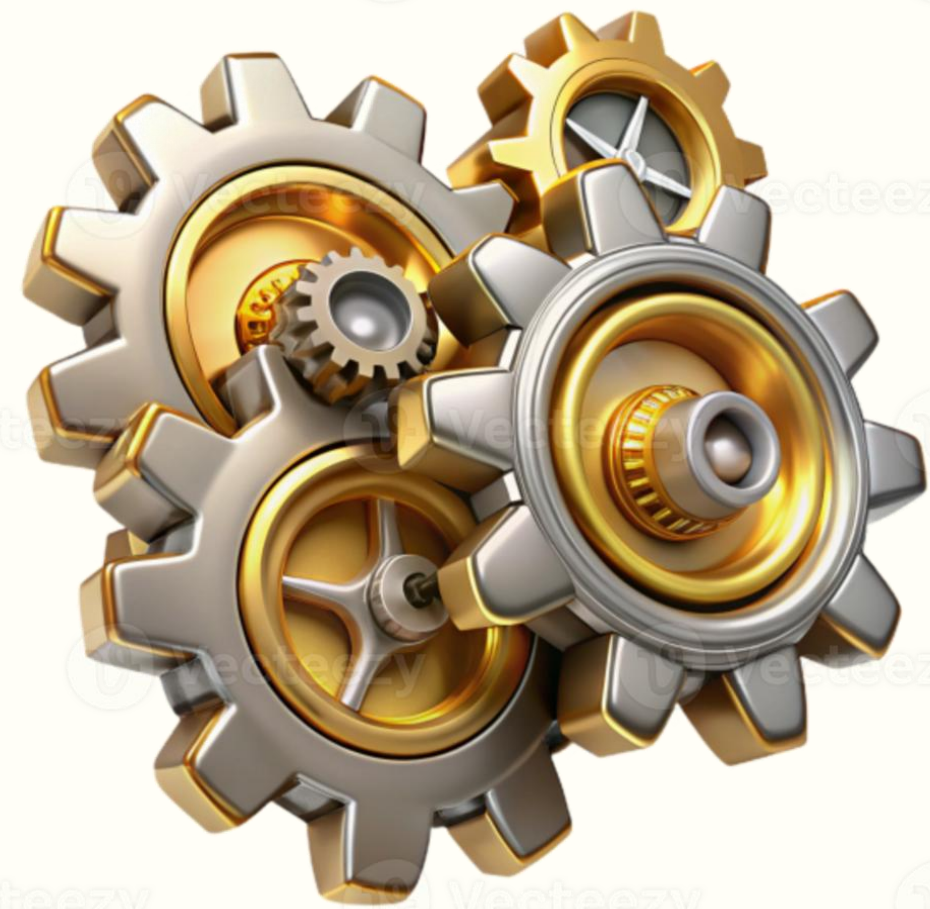


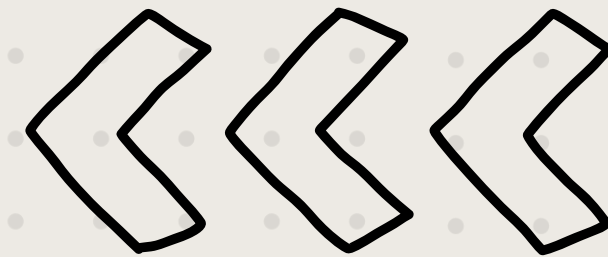
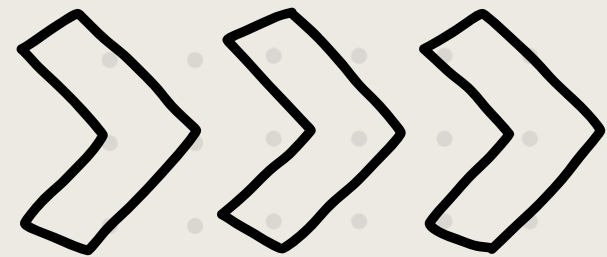
••• DIPLOMA

**IN MECHANICAL ENGINEERING
TECHNOLOGY**



PROGRAMME OVERVIEW

- Equip students with depth knowledge and skills of mechanical engineering technology, manufacturing, machine design, product development, leadership, and management.
- Programme design based on automotive industry needs.



DIPLOMA IN MECHANICAL ENGINEERING TECHNOLOGY

PEO 1

Technically competent in hands-on mechanical engineering skills to fulfil the industry needs.

PEO 3

Demonstrating professionalism and socially responsible in all mechanical engineering practices.

PEO 2

Effective in communication, teamwork and leadership in diverse technical teams.

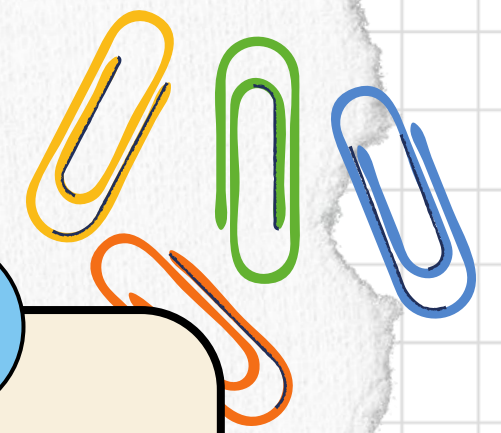
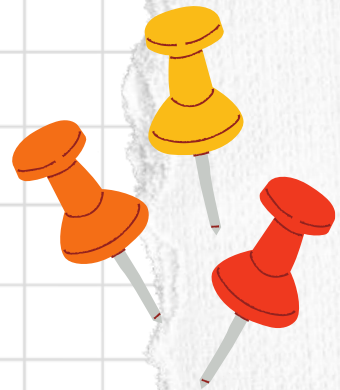
PEO 4

Demonstrating entrepreneurship skills and recognise the need of life-long learning for successful career development.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

PROGRAMME AIM

The programme aims to produce technically competent and socially responsible mechanical engineering graduates with effective communication, teamwork, leadership, entrepreneurial capabilities, and lifelong learning attitudes to address industrial and societal challenges professionally.



PLO1

Apply knowledge of mathematics, science, engineering fundamentals and mechanical engineering technology principles to well-defined practical procedures and practices.

PLO2

Apply appropriate techniques, resources, and engineering tools to well-defined mechanical engineering technology activities, with an awareness of their limitations, and incorporate sustainable practices in engineering solutions through practical application.

PLO3

Analyze and formulate solutions to well-defined mechanical engineering technology problems, assist in designing systems, components, or processes to meet specific needs, and conduct investigations using appropriate techniques and tools.

PLO4

Communicate effectively with the engineering community and society at large

PLO5

Demonstrate an awareness of and consideration for societal, health, safety, legal and cultural issues and their consequent responsibilities

PROGRAMME LEARNING OUTCOME (PLO)

PLO6

Recognise the need for professional development and to engage in independent and lifelong learning

AT THE END OF THIS PROGRAMME, STUDENTS WILL BE ABLE TO:

PLO7

Demonstrate an awareness of management, business practices and entrepreneurship

PLO8

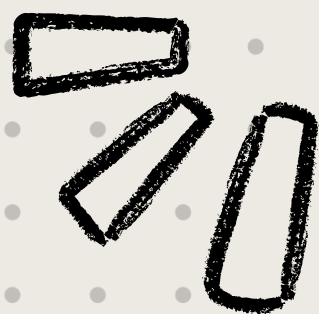
Demonstrate an understanding of professional ethics, responsibilities and norms of engineering technology practices.

PLO9

Function effectively in a diverse technical team



THANK



YOU

