K.D.M. Education Society's
# VIDARBHA INSTITUTE OF TECHNOLOGY
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Approved by A.I.C.T.E. New Delhi, Govt. Of Maharashtra & Affiliated to DBATU, Lonere, Raigad.

**Department: Mechanical Engineering**

## Programme Outcome (Pos):-

1. Apply the knowledge of mathematics, statistics, computer science, and engineering as it applies tothe fields of computer hardware and software.

2. Identify, formulate, and solve hardware and software problems using engineering principles.

3. Automate the real-time problems, develop various web applications, desktop applications and design and conduct experiments, implement programs as well as organize, analyze and interpret data.

4. Design hardware and software systems, components, or processes to meet identified needs withineconomic, environmental and social constraints.

5. Use the techniques, skills, and modern Software and Hardware tools necessary for computerengineering practice.

6. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to mechanical engineering& engineering.

7. Understanding the impact of solutions provided by Mechanical engineering& Engineering in the social and environmental context.

8. Understand the professional and ethical responsibility in engineering practice.

9. Function in multidisciplinary teams, working cooperatively, respectfully, creatively and responsiblyas a member of a team.

10. Communicate effectively by oral, written, and graphical means.

11. Demonstrate the knowledge and understanding of engineering and management principles in the areaof mechanical engineering and engineering to manage projects in multidisciplinary environments.

12. Recognize the need to engage in life-long learning.