



NAAC Accredited

Vidarbha Bahu-uddeshiya Shikshan Sanstha's

**TULSIRAMJI GAIKWAD-PATIL**  
**College of Engineering & Technology**

DTE CODE : 4151

— POLYTECHNIC —

MSBTE CODE : 1683



3.32 CGPA

(Approved by AICTE, New Delhi and Govt. of Maharashtra &amp; Affiliated to MSBTE, Mumbai)

• An ISO 9001:2015 Certified Institution

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**Diploma in Mechanical Engineering****Course Name 316363: INDUSTRIAL HYDRAULICS AND PNEUMATICS**

DME 316363	Course Outcomes
CO1	Identify various components of hydraulic and pneumatic systems from symbols
CO2	Select pump, compressor and actuator for given fluid operated system.
CO3	Select appropriate control valves for given fluid operated system.
CO4	Select appropriate special components for advanced fluid operated system
CO5	Develop hydraulic and pneumatic circuits for given applications