



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

• Web: [www.tgpcetpoly.com](http://www.tgpcetpoly.com)

• NH7, Mohgaon, Wardha Road, Nagpur - 441108

• Email: [principalpoly@tgpcet.com](mailto:principalpoly@tgpcet.com), [1683principal@msbte.com](mailto:1683principal@msbte.com)

• Contact: 97637 11372

**Diploma in Mechanical Engineering**  
**Course Name 314017: BASICS OF MECHATRONICS**

DME 314017	Course Outcomes
CO1	Identify basic elements of mechatronics system such as sensors, actuators, controllers etc
CO2	Use sensors for different mechatronics systems
CO3	Use actuators for different mechatronics systems.
CO4	Develop PLC program for various mechatronics systems
CO5	Use microcontroller for different mechatronics systems