



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 316357: DESIGN OF MACHINE ELEMENTS**

DME 316357	Course Outcomes
CO1	Use fundamental concepts of design of machine elements for given application
CO2	Determine the dimensions of joints and levers
CO3	Select the dimensions of shafts, keys, couplings and bearings used in Power transmission
CO4	Select the suitable thread ( Screw and Nut) screws for power transmission and fasteners
CO5	Design springs for the given load conditions