



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 & Affiliated to MSBTE, Mumbai)

• An ISO 9001:2015 Certified Institution

• Web: www.tgpcetpoly.com

• NH7, Mohgaon, Wardha Road, Nagpur - 441108

• Email: principalpoly@tgpcet.com, 1683principal@msbte.com

• Contact: 97637 11372

Diploma in Mechanical Engineering
Course Name 313308: STRENGTH OF MATERIALS

DME 313308	Course Outcomes
CO1	Calculate the M.I. of the given object using relevant formulae & methods
CO2	Analyze the structural behavior of the given structural components under various loading conditions
CO3	Draw SFD and BMD for the given structural element under given loading conditions
CO4	Determine the bending and shear stresses in beams under different loading conditions
CO5	Analyze the direct & bending stresses in the structural members under eccentric loading conditions



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