



NITIN Z PATEL

Assistant Professor
Mechanical Engineering Department,
Government Engineering College, Valsad

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EDUCATION

MTech in IPED Sardar Vallabhbhai Institute of Technology, Surat	2011
BE in Mechanical Engineering L.D College, of Engineering, Ahmedabad	2008

TEACHING EXPERIENCE

Assistant Professor Government Engineering College, Valsad	2016-present
Assistant Professor GIDC Degree Engineering College, Navsari	2014-2016
Assistant Professor Laxmi Institute of Technology, Sarigam	2011-2014

FIELDS OF RESEARCH INTEREST

Machine Design,

TECHNICAL SKILLS

- Computer Aided Design packages; Creo, Solidworks
- FEM: Ansys

PUBLICATIONS

Conference Papers

Lal A., and Patel N. (2010). " Post buckling analysis of laminated composite beam with elastic foundation." APMD-2010 Conference on Advances in Materials and Product Design. SVNIT Surat.

Lal A., and Patel N. (2010). " Non linear flexural response of hydrothermo-mechanically loaded composite cylindrical shell with random material." ICTACEM-2010 Conference on Theoretical, Applied, Computational and Experimental Mechanics. IIT Kharagpur.

TRAINING ATTENDED

- STTP on " Modelling and Simulation of Mechanical System using Solidworks ", GIDC Degree Engineering College, Navsari, 19-23 December, 2016
- STTP on " Induction Phase I ", NITTTR, Bhopal, 15-26 May, 2017
- STTP on " Recent Trends in Material Processing and Characterization ", IITRAM, Ahmedabad, 12-16 March, 2018
- STTP on " Faculty Development for Teachers of Technical courses ", IITE, Gandhinagar, 11-16 September, 2018

PROFESSIONAL MEMBERSHIPS

- Life Member, Indian Society for a Technical Education- LM 122686

PORTFOLIOS

- GTU Co-coordinator, GEC, Valsad **2016-present**
- Member, E-Cell, Mechanical Dept, GEC valsad **2018-present**

SUBJECT TAUGHT

- Basics of Mechanical Engineering
- Machine Design and Industrial Drafting
- Machine Design
- Production Technology
- Theory of Machines
- Dynamics of Machines
- Mechanics of Solids
- Design of Machine Elements