VIMALCHANDRA S PATEL

Assistant Professor
Mechanical Engineering Department,
Government Engineering College, Valsad

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EDUCATION

ME in Jet propulsion and Gas Turbine **2012**
The Maharaja Sayajirao University of Baroda

BE in Mechanical Engineering **2009**
Government Engineering College, Valsad

TEACHING EXPERIENCE

Assistant Professor **2016-present**
Government Engineering College, Valsad

Assistant Professor **2014-2016**
GIDC Degree Engineering College, Navsari

Assistant Professor **2012-2014**
Shantilal shah Engineering College, Bhavnagar

Lecturer **2009-2010**
Government Polytechnic, Chhotaudaipur

TECHNICAL SKILLS

- Programming languages: C, C ++
- Computer Aided Design packages: AutoCAD, Creo
- Other: Windows OS

PUBLICATIONS

Journal Papers

Patel, V., Patel M., Maisuria S., (2015). "Numerical Analysis of Flow Characteristics and Different Equivalence Ratio for Combustion Chamber of 30MW Power Plant" International Journal of Engineering Research & Technology, Vol. 4, Issue 06, pp. 396-404.

Patel M., Patel, V., Patel, H., Tandel D., (2019). "Design and Development of Rice Threshing and Winnowing Machine" Journal for Research, Vol. 5, Issue 03, pp. 1-3.

WORKSHOP / TRAINING ATTENDED

- STTP on "Induction Training Programme Phase-I", NITTTR, Bhopal, 15 May 2017 to 26 May 2017
- STTP on "Emerging trend in major thrust areas of mechanical Engineering", Director Of Technical Education Ghandhinagar, 26 Feb 2018 to 9 March 2018 (Equivalent to one week STTP)
- MOOC on "Laws of Thermodynamics", Aug-Sep 2018 (4 week course-Equivalent to one week STTP)

PROFESSIONAL MEMBERSHIPS

- Life Member, Indian Society for a Technical Education

PORTFOLIOS

- Committee member AISHE, & GTU AFFILATION GEC, Valsad **2016-present**
- Committee member AICTE APPROVAL PROCESS GEC, Valsad **2016-present**
- Training and Placement Officer, T&P Cell, GEC, Valsad **2016-present**
- Committee member MAY GEC, Valsad **2018-present**
- Co-Coordinator, Finishing School, GEC, Valsad **2017-2018**

SUBJECT TAUGHT

- Elements of Mechanical Engineering
- Engineering Thermodynamics
- Fluid Mechanics
- Power Plant Engineering
- Thermal Engineering
- Applied Thermal and Hydraulic Engineering
- Advance Fluid Mechanics
- Fluid Power Engineering
- Heat Transfer
- Coventional Power Engineering
- Energy Convertion System
- Non Conventional Energy Sources
- Basics of Environmetal Hyraulics
- Control Engineering
- Mechanical Measurement and Metallurgy