



DHAVAL N PATEL

Assistant Professor
Mechanical Engineering Department,
Government Engineering College, Valsad

E-mail : dnpatelgec@gmail.com

Mobile: 99744 87997

EDUCATION

MTech in Turbomachines Sardar Vallabhbhai Institute of Technology, Surat	2009
BTech in Mechanical Engineering Nirma Institute of Technology, Ahmedabad	2007

TEACHING EXPERIENCE

Assistant Professor Government Engineering College, Valsad	2016-present
Lecturer SNPITR, UmraKh, Bardoli	2009-2009

PROFESSIONAL EXPERIENCE

Junior Engineer – Efficiency Section – Fuel Section- Mechanical Maintenance Gujarat State Electricity Corporation Ltd. Thermal Power Station, Ukai	2009-2015
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FIELDS OF RESEARCH INTEREST

Power Plant Engineering

Heat Transfer: Heat Exchanger design & performance analysis, Heat pipes

TECHNICAL SKILLS

- Programming languages: C, C ++,
- Computer Aided Design packages: AutoCAD,
- FEM and CFD: GAMBIT & FLUENT.
- Other: Linux (openSUSE, Ubuntu), Windows OS

WORKSHOP / TRAINING ORGANIZED

- Workshop on "AUTOCADD ", With CADD centre valsad at Government Engineering College, Valsad, 26-27 April 2017.
- Workshop on " Bike Maintenance and Road Safety" With Shanti Motors Valsad at GEC valsad 29-August 2016.

WORKSHOP / TRAINING ATTENDED

- Induction training programme phase-I at NITTTR Bhopal from 06-february to 17-february-2017.
- Workshop on "Photography", Government Engineering College, Valsad, 3-4 March 2018
- STTP on "Engineering Trends in major thrust areas of mechanical engineering", Government Engineering College, Valsad, 26-February to 09-march 2018.
- Induction training programme phase-II at NITTTR Bhopal from 20-November to 01 December 2017.
- MOOC course of 12 week from July to October 2018 on "Heat Exchanger fundamentals and design analysis".

PROFESSIONAL MEMBERSHIPS

- Life Member, Indian Society for a Technical Education

PORTFOLIOS

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| • RUSA Coordinator GEC, Valsad | 2016-present |
| • Student Disability and Resource Centre Coordinator GEC Valsad | 2016-Present |
| • 100 Activity Point Coordinator | 2016-2017 |
| • 100 Activity Point Department Coordinator | 2016-Present |
| • SC ST Cell Committee memeber | 2016-Present |
| • Hostel Warden | 2017-2018 |
| • Department Store Committee Hostel Warden | 2017-Present |
| • Adventure Sport cocordinator | 2017-present |
| • Time Table Committe member | 2018-present |

SUBJECT TAUGHT

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| ▪ Basics of Mechanical Engineering | ▪ Internal Combustion Engines |
| ▪ C/C++ | ▪ Power Plant Engineering |
| ▪ Engineering Thermodynamics | ▪ Energy Conservation System |
| ▪ Mechanics of Solids | ▪ Wind and Small Hydro Systems |
| ▪ Mechanical measurement and metrology | |
| ▪ Heat Transfer | |