



Hitesh S. Patel

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EDUCATIONAL QUALIFICATION

ME in Mechanical Engineering (IC Engine & Automobile Engg. Gujarat University, Ahmedabad	2007
B.E. in Mechanical Engineering Gujarat University, Ahmedabad	2003

WORK EXPERIENCE

Government Polytechnic, Valsad Lecturer	2016-Present
Government Polytechnic Chhotaudepur Lecturer	2012-2016
Dr. S. & S. S. Ghandhy College of Engg. & Tech Surat. Lecturer	2005-2012

TECHNICAL SKILLS AND KNOWLEDGE

Computer Aided Design: Auto-CAD

SUBJECT TAUGHT

Thermodynamics Power Plant Engineering	Thermal Engineering-1 Thermal System & Energy Efficiency	Thermal Engineering-2
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TRAINING AND WORKSHOP

- "C.C.C. +", at SPIPA Surat, during 29-Jan-07 to 13-Feb-07(2 Weeks).
- "Induction Training Programme. Phase – I", at NITTTR ext. center Ahmedabad, during 7-May-07 to 18-May-07(2 Weeks).
- "Entrepreneurship, TQM & Business Management Techniques", at NITTTR Chandigarh, during 16-Jul-07 to 20-Jul-07(1 Week).
- "CNC Programming and Simulation, at NITTTR Bhopal", during 8-Oct-07 to 12-Oct-07(1 Week).
- "Staff Development Programme on Solid Modeling (Using Solid Edge Software)", at S & SS Ghandhy college of engg. & Tech. Surat, during 21-Jan-08 to 25-Jan-08(1 Week).
- "INTERNET as Learning Resource Development Tool", at S & SS Ghandhy college of engg. & Tech. Surat, during 28-Jan-08 to 1-Feb-08 (1 week)
- "Induction Training Programme. Phase – II" at NITTTR ext. center Ahmedabad, during 12-May-08 to 23-May-08 (2 Weeks)
- "Advance Engineering Optimization Through Intelligent Techniques", at SVNIT Surat, during 16-Jun-08 to

20-Jun-08 (1 Week)

- “Advances In Manufacturing”, at SVNIT Surat, during 29-Dec-08 to 2-Jan-09 (1 Week)
- “Solid Modelling Using Pro-E”, at NITTTR Bhopal”, during 7-Sep-09 to 11-Sep-09 (1 Week)
- “Labview Graphical Programming & Data Acquisition Basic Training”, at SVNIT Surat, during 17-Jan-12 to 21-Jan-12 (1 Week)
- “Student Assessment, Self Assessment, Accreditation & Academic Audit”, at S & SS Ghandhy college of engg. & Tech. Surat, during 12-Mar-12 to 23-Mar-12 (2 Weeks)
- “CAD using unigraphics”, at NITTTR Bhopal”, during 7-Oct-13 to 11-Oct-13 (1 Week)
- “Karmayogi Residential Training for Quality Improvement Programme in Technical Education”, at Shrimad Rajchandra Mission, Dharampur, Valsad, during 6-Dec-13 to 8-Dec-13 (3 Days)
- “Quality Management System/ Quality Technology Tools for Technical Teachers”, at NITTTR ext. center Ahmedabad, during 24-Feb-14 to 28-Feb-14(1 Week)
- “Use of Design Software in Mechanical Engineering”, at NITTTR Bhopal”, during 8-Dec-14 to 19-Dec-14 (2 Weeks)
- “Entrepreneurship, development for small & medium scale enterprise”, at NITTTR Bhopal”, during 16-Feb-15 to 26-Feb-15 (2 Weeks)
- “Environment Pollution: Alternatives & Green Fuels”, at NITTTR Bhopal”, during 12-Dec-16 to 23-Dec-16 (2 Weeks)
- “Managerial Skill for technical teachers & Administrator”, at NITTTR Bhopal”, during 15-May-17 to 26-May-17 (2 Weeks)
- “Laws of Thermodynamics”, online NPTEL MOOC, during 13-Aug-18 to 7-Sep-18 (4 weeks)
- “Recent Trends in Automotive Technology”, at NITTTR Bhopal”, during 26-Aug-19 to 30-Aug-19 (1 week)
- “Energy Conservation & waste heat recovery”, online NPTEL MOOC, during 29-Jul-19 to 18-Oct-19, (12 weeks)
- “Accreditation & Outcome based Learning”, online NPTEL MOOC, during 14-Aug-19 to 18-Oct-19 (8 weeks)
- “Financial Mathematics”, online NPTEL MOOC, during 27-Jan-20 to 17-Apr-20 (12 weeks)
- “Comprehensive online Intellectual property rights”, online by I-hub Ahmedabad Gujarat, during 6-Jul-20 to 14-Sep-20 (12 weeks)
- “UDAYAM (Unlimited Digital Advanced Yearlong Academic Method of Learning)”, online by KCG Ahmedabad Gujarat, during 28-Jul-20 to 18-Aug-20 (4 weeks)
- “Recent Development in Renewable Energy”, online organized by GEC Bharuch, during 5-Apr-21 to 9-Apr-21(1 week).

PORTFOLIOS (Current Portfolios)

- Institute Store Committee member
- Institute GTU Purchase Committee member
- Institute SSIP Purchase Committee member
- Institute CCTV/CWAN Committee member
- Department Vikaslaxi/ Writoff/ Purchase committee member
- Department NBA Criteria-3 Coordinator
- Department Inspection Coordinator
- Department Thermal Lab Incharge.
- Thermal Engineering-II subject Co-ordinator.

RESEARCH PROJECTS GUIDED

- NIL

PUBLICATION

Journal Papers

- NIL

Conferences Papers

- NIL

ACADEMIC PROJECTS GUIDED

- Screw jack lift using bevel gear arrangement
- Gear less power transmission
- Folding Table
- Pedal Operated Hacksaw mechanism

PATENT FILED

NIL

PROFESSIONAL INSTITUTION MEMBERSHIPS

- Life Time Member-Indian Society for Technical Education

EXPERT LECTURES

NIL

AWARDS

NIL