



JENIP P TANDEL

Assistant Professor
Mechanical Engineering Department,
Government Engineering College, Valsad
E-mail :jenip.tandel@gmail.com
Mobile: 9722974335

EDUCATION

M.Tech in GENERAL MECHANICAL Sardar Vallabhbhai Institute of Technology, Surat	2014
B.E in Mechanical Engineering Sad Vidya Mandal Institute of Technology, Bharuch	2011

TEACHING EXPERIENCE

Assistant Professor Government Engineering College, Valsad	2014-present
--	---------------------

FIELDS OF RESEARCH INTEREST

Multi-Phase Flow: Two-phase flow patterns and behavior with pre and pro injector in horizontal and vertical mini channels. Assessment of pressure difference in multi-phase flow in mini channels.

Heat Pipe: Investigation of heat transfer in a heat pipe with wick structure.

Condensing Heat transfer: Assessment of condensing heat transfer coefficient inside a mini channels in VCR system.

TECHNICAL SKILLS

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

PUBLICATIONS

Journal Papers

Tandel, J., and Tandel, A. (2016). "Experimental Investigation of boiling heat transfer using R134a" Journal for Research, Vol. 2, Issue. 3, pp. May 2016.

WORKSHOP / TRAINING ATTENDED

- Workshop on "Energy Conservation and Awareness", Government Engineering College, Valsad, 29 January 2016
- STTP on "Creo for Mechanical Engineering", Government Engineering College, Valsad, 18-22 May 2015

PORTFOLIOS

- Repair and Maintenance, Mech Dept, GEC, Valsad **2016-2017**
- Exam Committee member, Mech Dept, GEC, Valsad **2017-2018**
- Purchase of Books and Journals and students I- Card related matters, Mech Dept, GEC, Valsad **2015-2016**

SUBJECT TAUGHT

- Engineering Graphics
- Material Science and Metallurgy
- Fluid Mechanics
- Basics of Mechanical Engineering
- Disaster Management
- Manufacturing Processes
- Basics of Environmental Hydraulics
- Mechanics of Solid
- Programming for Problem Solving
- Engineering Thermodynamics