

Name of Teaching Staff : Prof. Vinit Katira
Designation : Assistant Professor
Department : Mechanical Engineering
Date of Joining the Institution : 08-07-2014



Qualifications with Class / Grade : M. Tech. Thermal Engg., Sardar Patel College of Engg.,
August 2013
B.E. Mechanical Engg., Mumbai University, May 2011

Total Experience in Years : **Teaching: 06 years**
1. Assistant Professor in D.J. Sanghvi College of Engg.
From 08-07-2014 till date.

Industry: 02 years

1. Research Assistant, I.I.T. Bombay, Mumbai, from
July 2012 - July 2014.

BARC project on “Experimental and numerical
investigations on melting and solidification of pure lead
in rectangular and cylindrical enclosures”

Papers Published:

International: ---01

“**Automobile Radiator Design And Validation**” in “International Research Journal of Engineering and Technology” vol. 05 issue 11 (2018) pp. 1358 – 1365

National: ---

Papers Presented in Conferences:

International: --- 03

1. “**Design and Performance Evaluation of a Cost-Effective Radiant Cooling System**” in “International Conference on Intelligent Manufacturing and Automation 2020”, pp. 777-789
2. “**Design, Analysis and Optimization of a Single-Pass Straight Pipe Resonator for an Exhaust System of a Single Cylinder Engine**” in “International Conference on Intelligent Manufacturing and Automation 2020”, pp. 603-613
3. “**Analysis and Manufacturing of Aerodynamic Components**” in “International Conference on Intelligent Manufacturing and Automation 2020”, pp. 187-199

National: ---

PhD Guide Give field & : Field: ----
University : University: ----
PhDs / Projects Guided : PhDs : ----
Projects at Masters level: ----

Books Published / IPRs / Patents

Design patent:

1. Title: Intake Manifold For Two-Wheeler Engines
Design number: 318182-001
Date of registration: 28/05/2019

Professional Memberships :
Indian Society of Manufacturing Engineers (ISME)

Consultancy Activities : --
Awards : --
Grants fetched : --
Interaction with : --
Professional Institutions