



Nishith S. Rana

Lecturer
Mechanical Engineering
Department,
Government Polytechnic, Valsad
E-mail: nishithrana@gpvalsad.ac.in

EDUCATIONAL QUALIFICATION

M-Tech in Mechanical Engineering (Mechanical Engineering) S.V.N.I.T. Surat	2012-2014
B.E. in Mechanical engineering C. K. Pithawala College of Engg. & Tech., Surat.	2008-2011

WORK EXPERIENCE

Government Polytechnic, Valsad Lecturer	2016-Present
--	--------------

TECHNICAL SKILLS AND KNOWLEDGE

Computer Aided Design Package: AUTOCAD

SUBJECT TAUGHT

Thermodynamics Industrial Management	Thermal Engineering 1	Thermal Engineering 2
---	-----------------------	-----------------------

TRAINING AND WORKSHOP

- “Comprehensive Online Intellectual Property Rights” at online during 06/07/2020 to 14/09/2020 (2 Week)
- “Unlimited digital advanced year long academic method of learning” at Online during 28/07/2020 to 18/08/2020 (1 Week)
- “Induction Phase-II” at Ahmedabad during 19/08/2019 to 30/08/2019 (2 Week)
- “Fundamental of Manufacturing Technology” at NPTEL MOOC during 29/07/2019 to 18/10/2019 (2 Week)
- “Manufacturing Process Technology” at NPTEL MOOC during 28/01/2019 to 19/04/2019 (2 Week)
- “Laws of thermodynamic” at NPTEL MOOC during 30/07/2018 to 19/10/2018 (2 Week)
- “Induction Phase-I” at NITTTR Bhopal during 13/08/2018 to 07/09/2018 (2 Week)

PORTFOLIOS (Current Portfolios)

- Finishing School Program Co-Coordinator.
- DTE Inspection Committee member.
- RUSA Committee Member.
- Service Book Leave Order/Records Entry.
- Department NBA 6 Criteria Co-Coordinator
-

RESEARCH PROJECTS GUIDED

- Nil

PUBLICATION

Conferences Papers

- Nishith S. Rana, Vimal K. Patel “Performace Enhancement of Darrieus Turbine by use of Cambered Hydrofoil for Hydrodynamic Application” 2nd National Conference on Thermal,Fluid and Manufacturing Science, 24-25th January, 2014 (The Institute of Engineers (India),South Gujarat Local Centre,Surat)

ACADEMIC PROJECTS GUIDED

- Portable Climbing cart
- Troubleshooting of I.C. Engine and Its performance evaluation by using additives
- Dual Side Water Pumping System

PATENT FILED

NIL

PROFESSIONAL INSTITUTION MEMBERSHIPS

- Life Time Member-Indian Society for Technical Education

EXPERT LECTURES

NIL

AWARDS

NIL