

## BIO DATA



Name :- Mr. RATHOD VIKRAM PARSOTTAMBHAI

Address :- 10/590, Sudershan, Khapatia chakala  
Surat, Gujarat. 395003

Position :- Assistant Professor

Date of Joining Institute : 14-05-2009

Date of Joining Present Position: 14-05-2009

Date of Birth : 04-12-1979

Date/ year of Ph.D. degree: Ph. D ongoing

### **Qualification:**

<b>Degree</b>	<b>University</b>	<b>Year</b>	<b>Specialization</b>
B.E	South Gujarat University, S.V.R.C.E.T.	2000	Mechanical Engineering
M.E	S.V.N.I.T, Surat	2003	Mechanical- Turbomachines
Ph.D Pursuing	S.V.N.I.T, Surat	Joined Jan 2012	Mechanical Engineering

### **Experience : 11 Years**

<b>University / College</b>	<b>Designation</b>	<b>Period</b>
Sarvajanik College of Engg &Tech., Surat	Adhoc Lecturer	3 years
S.V.N.I.T., Surat	Teaching Assistant	7 months
Atmiya Institute of Technology and science., Rajkot	Lecturer	4 months
C.K.Pithawala college of Engg & Tech., Surat	Lecturer	3 years
S.V.N.I.T., Surat	Assistant Professor	6 years 3 months

### **Research Publication :**

(No. of Research Publication Since Joining – Please attach list of Publications)

<b>Publication</b>	<b>Numbers</b>
National Conference	5
National Journal	
International Conference	4
International Journal	

**No. of M. Tech. / Ph.D. guided with details (Please attach list of Dissertation/ Thesis) : 13**

**Title of the M.Tech Dissertation guided:**

<b>Sr. No.</b>	<b>Name of the student</b>	<b>Title</b>	<b>Year</b>
1.	Mr.DHAMESHWAR SAH	“DESIGN AND COMPUTATIONAL FLUID DYNAMICS (CFD) ANALYSIS OF UPWIND HORIZONTAL AXIS WIND TURBINE”	2011
2.	Mr. PARAMVIR GULIA	“ DESIGN AND PERFORMANCE OF SOLAR PARABOLIC DISH TYPE COLLECTOR”	2011
3.	Mr. HARDIK N. RABARI	“DETERMINATION OF ACTUATION FORCES REQUIRED TO DRIVE THE SPEAR OF PELTON TURBINE USING CFD”	2011
4.	Mr. BHAVIN N. RANA	“SOLAR ADSORPTION REFERIGERATION SYSTEM”	2011
5.	Mr. SALIL HARRIS	“REDESIGN AND CFD ANALYSIS OF A MIXED FLOW COMPRESSOR”	2011
6.	Mr. MAITRIK SHAH	“FLOW PATH ANALYSIS OF AN IP STAGE OF SUPERCRITICAL STEAM TURBINE BY COMPUTATIONAL FLUID DYNAMICS (CFD) TECHNIQUE”	2012
7.	Mr. BRIJESH NAIK	“VIBRATION ANALYSIS OF HYDRAULIC TURBINE TEST RIG”	2012
8.	Mr. Beladiya Bharathkumar B	“DESIGN DEVELOPMENT AND ANALYSIS OF SOLAR PARABOLIC TROUGH COLLECTOR”	2014
9.	Mr. Pratik N. Chaudhri	“DESIGN AND THERMAL ANALYSIS OF CENTRIFUGAL COMPRESSOR”	2014
10.	Mr. Keshar Patel	“DESIGN AND THERAML ANALYSIS OF AXIAL FLOW COMPRESSOR”	2014
11.	Mr. Vikas kumar	“DESIGN AND THERAML ANALYSIS OF AXIAL FLOW TURBINE”	2014

**PUBLICATIONS:**

Sr. No	Title	Conference/Journal	Year
1	<b>Rathod V. P<sup>1</sup>, Ratnadhariya J. K.<sup>2</sup> and Channiwala S. A.<sup>3</sup></b> , “Design and development of downdraft venturi type gasifier”	International Conference on Mechanical Engineering, DHAKA, Bangladesh	2003
2	<b>Rathod Vikram P</b> , “Experimental investigation on solar paraboloidal collector with different shapes of receivers”	National Conference on Thermal Fluid and Manufacturing science, CKPCET & Institute of Engineers	2012
3	<b>Maitrik Shah, Rathod Vikram P</b> , “Flow path analysis of an ip stage of supercritical steam turbine by computational fluid dynamics (CFD) technique”	Thirty Ninth National Conference on Fluid Mechanics and Fluid Power December 13-15, 2012, SVNIT Surat, Gujarat, India FMFP (26)	2012
4	<b>Vikram Rathod, P. V. Bhale</b> , “Experimental Investigation on Biogas Reforming for Syngas Production over a Alumina Based Nickel Catalyst.”	4 <sup>th</sup> International conference on Advances in Energy Research. December 10-12, 2013, Indian Institute of Technology, Bombay, Mumbai, India Paper now selected in <b>Elsevier energy procedia journal</b>	2013
5.	<b>Vikas Kumar, Vikram P Rathod</b> “Blade Stresses And CFD Analysis of Axial Gas Turbine”	International Mechanical Engineering Congress, 2014 (IMEC 2014), Tiruchirappalli. I June 13-15, 2014 .	2014
6.	<b>Vikas kumar, keshar Patel, Vikram P Rathod</b> , CFD Analysis and design of axial flow turbine with AxSTREAM	National Level Industry-Institute Symposium on Turbomachines during April 5-6, 2014(NIST-2014), NIT Allahabad.	2014
7.	<b>Keshar Patel, Vikas kumar, Vikram P Rathod</b> , Blade design and simulation of axial compressor with AxSTREAM	National Level Industry-Institute Symposium on Turbomachines during April 5-6, 2014(NIST-2014), NIT Allahabad.	2014
8.	<b>Pratik Chaudhri, Vikas Kumar, Vikram P Rathod</b> ,	National Level Industry-Institute Symposium on Turbomachines	2014

	“Design and analysis of centrifugal compressor with AxSTREAM”	during April 5-6, 2014(NIST-2014), NIT Allahabad.	
10.	<b>Vikram P Rathod, Puneet bansal, P. V. Bhale</b> Analytical and Experimental Investigations for Hydrogen Rich Syngas Production by Biogas Reforming Processes	Presented in 7 <sup>th</sup> International conference on applied energy ICAE 2015. ABU DHABI.	2015

**Conference/ short term course organized:**

Sr No.	Institute /Organization	Title	Duration		
			From	To	Weeks /Days
1.	Anchor Institute, S.V.N.I.T., Surat.	“ Pressure Vessels-Design, Inspection Repair & Alterations”	19-07-10	23-07-10	1 Week
2.	Anchor Institute, S.V.N.I.T., Surat.	“CNC Programming (FANUC: OM & OT)”	04-04-11	09-04-11	1 Week
3.	Anchor Institute, S.V.N.I.T., Surat.	“Pump and Valve Selection for Optimum System Performance.”	25-04-11	29-04-11	1 Week
4.	Anchor Institute, S.V.N.I.T., Surat.	“Lubrication of Rolling Element Bearing, Root Causes Bearing Damage Analysis-WE204”	25-05-11	29-05-11	1 Week
5.	S.V.N.I.T., surat & IIT Kharagpur	“Fluid Mechanics”	20-05-14	30-05-14	2 Week

**SIGNATURE**