

Dr. Kamlesh Virsingbhai Chaudhari

Assistant Professor,
Mechanical Engineering Department.
Government Engineering College, Bharuch
Date Of Joining: 10/05/2011
Total Experience: 15 Years



Educational Qualification

Sr. No	Name of the examination	Institute/University	Year of passing	Percentage of marks /CGPA Division	Specialization
1	B. E. Mechanical	Sardar Patel University, V.V. Nagar, Anand, Gujarat	2003	54.90	Mechanical
2	M.Tech. Turbomachines	Sardar Vallabhbhai National Institute of Technology, Surat	2007	75	Turbomachines
3	Ph. D. Mechanical	Sardar Vallabhbhai National Institute of Technology, Surat	2016	NA	Gas Turbine Combustor

Work Experience

Sr. No.	Name of the organization	Designation	Duration
1	C. K. Pithawalla College of Engg. & Tech., Surat	Ad-hoc Lecturer in Mech. Engg.	04/03/2009 to 15/06/2010
2	C. K. Pithawalla College of Engg. & Tech., Surat	Ad-hoc Lecturer in Mech. Engg.	14/07/2010 To 10/08/2010
3	C. K. Pithawalla College of Engg. & Tech., Surat	Assist Prof. in Mech. Engg	11/08/2010 To 09/05/2011
4	Government Engineering College, Bharuch	Assist Prof. in Mech. Engg	10/05/2011 to till date

Training

Sr. No.	Year	Place	Duration	Subject/Title
1.	2012	NITTTR GGP, Surat	Two Week	Induction Training Programme Phase – I (IP- 14)
2.	2013	Shrimad Rajchandra Mission, Dharampur	03 Days	Karmayogi Residential Training for Quality Improvement Program in Technical Education
3.	2014	NITTTR, Bhopal	One Week	Solid Modeling Using Pro –E
4.	2015	NITTTR Exrt. Center, Ahmedabad	Two Week	Programme Phase – II (IP- 25)
5.	2015	ISTE, GEC Bharuch	One Week	Modern Trends in Renewable Energy
6.	2016	NITTTR, Bhopal	One Week	CAD using Uni-graphics
7.	2016	QIP, SVNIT, Surat	One Week	Advances in Theory and Design of Turbomachines
8.	2017	NITTTR, Bhopal	One Week	Pollution Monitoring and Prevention
9.	2018	SVNIT, Surat	03 Days	Faculty Development Program for Student Induction Program
10.	2018	GTU, Ahmedabad	One Week	Faculty Development Program for Student Induction Program

11.	2019	NITTTR, Bhopal	One Week	Advances in Automobile Engineering
12.	2019	Govt. Engg. College Bharuch, Gujarat	Two Week	Recent Trend in I. C. Engine
13.	2019	NITTTR, Bhopal	One Week	Recent Trend in Automotive Engineering
14.	2020	i – Hub, Gujarat	Two Week	Comprehensive Online Intellectual Property Rights
15.	2020	KCG, Ahmedabad	One Week	E-Content Development
16.	2020	NITTTR, Bhopal	Two Week	Accreditation of Undergraduate Engineering Programmes
17.	2021	NPTEL, IIT Madras	Two Week	Non-Conventional Energy Resources
18.	2021	Govt. Engg. College Bharuch, Gujarat	One Week	Elements of FEM
19.	2021	Govt. Engg. College Modasa, Gujarat	One Week	Alternative Fuels
20.	2022	NITTTR, Bhopal	One Week	Document Preparation on LATEX
21.	2023	NITTTR, Bhopal	One Week	Design of Virtual Lab Experiments in Applied Sciences
22.	2023	NPTEL, IIT Kharagpur	Two Week	Energy Conservation and Waste Heat Recovery

23.	2024	Utran Power House, Utran, Surat	Two Week	Industrial Training at “Utran Gas Based Power Station”
24.	2024	Aluka Extrusion Industries, Sanand, Ahmedabad	Two Week	Industrial Training at “Aluka Extrusion Industries”

Training Organized

Sr. No.	Year	Place	Duration	Subject/Title
1.	2019	Govt. Engg. College Bharuch, Gujarat	Two Week	Recent Trend in I. C. Engine
2.	2021	Govt. Engg. College Bharuch, Gujarat	One Week	Recent Development in Renewable Energy

Publication

Sr. No	Title	Name of Journal/Conference	Vol./Year/Page No.
1.	Design and Experimental investigations of Pressure swirl atomizer of Annular type Combustion Chamber for 20 kW Gas Turbine Engine	International Journal of Advanced Research in Engineering and Technology	Vol. 3 (2) pp. 311-321, July – December, 2012
2.	Design and CFD Simulation of Annular Combustion Chamber with Kerosene as Fuel for 20 kW Gas Turbine Engine	International Journal of Advanced Research in Engineering and Applications	Vol. 2 (6) pp. 1641-1645, November – December, 2012
3.	Dump Diffuser Design and Simulation of Annular type Combustion Chamber for Small Gas Turbine Engine	Proceedings of 1 st National Conference on TFMS	20 – 21 January, 2012

4.	Design and Experimental Investigation of 60° Pressure Swirl Nozzle for Penetration Length and Cone Angle at Different Pressure	International Journal of Advances in Engineering and Technology	Vol. 5 (2), pp. 76 – 84, January – 2013
5.	A Review Paper on Experimental and Numerical Investigation of Parametric Study on Gaseous Fuel Flow Parameters: Flame Length and Diameter	International Journal for Scientific Research and Development	Vol. 2 (9), pp. 190 – 193, 2014
6.	A Review Paper on Experimental and Numerical Investigation of Parametric Study on Liquid Fuel Flow Parameters: Flame Length and Diameter	International Journal for Scientific Research and Development	Vol. 2 (9), pp. 439 – 444, 2014
7.	Numerical Investigation of Flame Length and Flame Diameter by using CNG as a Fuel	3 rd Afro – Asian International Conference on Science, Engineering & Technology at GEC, Bharuch, Gujarat, India,	27 – 28, March 2015
8.	Numerical Investigation of Flame length and Flame Diameter by using Kerosene as a Fuel	3 rd Afro – Asian International Conference on Science, Engineering & Technology at GEC, Bharuch, Gujarat, India,	27 – 28, March 2015
9.	Evaluation of Output and Heat Rate of the Simple Cycle Gas Turbine During the Base Load Condition	International Journal of Advance Research in Engineering, Science & Technology	Vol. 2 (4), pp. 1 – 6, 2015
10.	Experimental Investigation on Parametric Study on Gaseous Fuel Flow Parameters: Flame Length and Diameter	International Journal for Scientific Research and Development	Vol. 4 (7), pp. 159 – 161, 2016

11.	Design, CFD Analysis and Numerical Optimization of Diffuser used in Annular type Combustion Chamber for Small Gas Turbine Engine	International Journal of Advanced in Management, Technology and Engineering Sciences	Vol. 8 (3), pp. 1238 – 1244, March 2018
12.	Design and numerical optimization on annular type combustion chamber for small gas turbine application with CNG as fuel: A Review	International Journal of Fluid and Thermal Engineering	Vol. 3 (2), pp. 6 – 13, 2017
13.	A Numerical and Experimental Approach to Study the Effects of Passage Velocity, Dome Velocity and Hole Diameter on Jet Penetration Height and Jet Incidence Angle	International Journal of Applied Engineering & Technology	Vol. 4 (2), pp. 161-167, 2022
14.	Design, Development and Performance Analysis of Micro Hydel Turbine for Small Capacity Energy Demands	International Journal of Applied Engineering & Technology	Vol. 5 (2), pp. 277-286, 2023

Professional Institutional Membership

1. Life Time Member of Indian Society for Technical Education (ISTE).

Portfolios

1. Member AICTE / AISHE / GTU Affiliation (Institute Level)
2. Member Academic Inspection / Institute / NBA / NIRF (Institute Level)
3. Institute information compilation committee, Email checking & CTE follow-up
4. Member of Computer Department