

Bhaumikkumar J Sheth	
Assistant Professor, Mechanical Engineering Dept. ADIT, New V. V. Nagar.	Mob. No.: +91-9998267201 Email-ID: me.bjsheth@adit.ac.in

EDUCATIONAL QUALIFICATIONS

Education	College Name	University/ Board	Passing Year
Ph.D	Charutar Vidya Mandal University	CVM University	Pursuing
M.Tech (Thermal Engineering)	Institute of Technology Nirma University	Nirma University	2010
B.E. (Mechanical Engineering)	Charotar Institute of Technology, Changa	Gujarat University	2008

AREA OF INTEREST

<ul style="list-style-type: none"> ➤ Renewable Energy ➤ Power Plant Engineering ➤ Heat and Mass transfer ➤ Jet Propulsion 	<ul style="list-style-type: none"> ➤ Fluid Mechanics ➤ Fuel Cells ➤ Hydraulic Machines ➤ Gas Dynamics
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SUBJECTS TAUGHT (UG)

<ul style="list-style-type: none"> ➤ Elements of Mechanical Engineering ➤ Fluid Mechanics ➤ Alternative Energy Sources ➤ Fluid Power Engineering ➤ Internal Combustion Engines 	<ul style="list-style-type: none"> ➤ Thermal Engineering ➤ Conventional Power Engineering ➤ Thermal Engineering ➤ Gas Dynamics ➤ Renewable Energy Engineering
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SUBJECTS TAUGHT (PG)

<ul style="list-style-type: none"> ➤ Design of Heat Exchangers ➤ Advanced Fluid Mechanics ➤ Non-Conventional Energy Sources 	<ul style="list-style-type: none"> ➤ Hydrogen & Fuel Cell ➤ Combustion Engineering ➤ Computation Methods
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SOFTWARE SKILLS

<ul style="list-style-type: none"> ➤ MATLAB 	<ul style="list-style-type: none"> ➤ Gas Chromatography
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UG PROJECTS GUIDED: 52

PG PROJECTS GUIDED: 09

WORK EXPERIENCE:

- Worked as an Ad-hoc Lecturer at Mechanical Department of A. D. Patel institute of technology from 19 January, 2011 to 30 June, 2011.
- Working as an Assistant Professor at the Mechanical Engineering Department, ADIT since 01/07/2011.
- Visiting faculty at the C. L. Patel Institute of Studies and Research in Renewable Energy since June, 2014.
- Working as a Time Table In-charge (Institute Level) since 2017.

LIST of PUBLICATIONS in Reputed Journals/Conferences:

- V H Patel, V N Singh and B J Sheth, Design and Experimental Analysis of 15kW Down Draft Gasifier, ICAER-2015, IIT BOMBAY, POWAI, 2015
- Effect of size of feedstock on specific gasification rate, calorific value of producer gas and gasifier efficiency, NuCONE-2011
- Umesh Rathod, Dr V N Singh and Bhaumik Sheth, Solid Fuel Biomass Cook Stove Performance: A Review, STM Journals (ISSN 2321-5186)
- Design Of Pico Hydro Turbine: Floating and Adjustable Propeller 165-171, International Research Journal of Modernization in Engineering Technology and Science (e-ISSN: 2582-5208)
- 3-Wheel Electric Vehicle for Multiple Spraying Purpose, International Research Journal of Engineering and Technology (IRJET) Volume 8, Issue 9, September 2021

MEMBERSHIP DETAILS:

- Lifetime Member of Indian Society of Technical Education (ISTE)