

Dr. Bhupendra S. Patil
Assistant Professor
Mechanical Engineering Department,
Government Engineering College, Bharuch
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EDUCATION

Ph. D. **August 2022**
Gujarat Technological University, Ahmedabad
Thesis title: "Analytical and Experimental Investigations of Variable Water Emulsified CI Engine"

M.E. in Mechanical Engineering **August 2012**
Gujarat Technological University, Ahmedabad

B.E. in Mechanical Engineering **June 2008**
Pune University, Pune

TEACHING EXPERIENCE

Assistant Professor **02-07-2016 till date**
Government Engineering College, Bharuch

Assistant Professor **02-07-2013 to 01-07-2016**
Shroff SR Rotary Institute of Chemical Technology, Vataria, Ankleshwar

Assistant Professor **17-07-2012 to 30-06-2013**
Bhagwan Mahavir College of Engineering and Technology, Surat

Lecturer **09-08-2009 to 30-10-2010**
Bhagwan Mahavir Polytechnic, Surat

FIELDS OF RESEARCH INTEREST

- *Alternative fuels*
- *Renewable energy*

PUBLICATIONS

Conference Papers

1) Bhupendra S. Patil & Dr. Rajesh C. Iyer "NOx Emission Reduction by Diesel Water Emulsion fuel- A Review", *4th International Conference on Science, Technology & Management* (ICSTM-2018), IJMTE, Volume 8, Issue XII, December/2018 (ISSN NO : 2249-7455)
2) Patil B.S., Iyer R.C (2021) Study of Emission Characteristics of a CI Engine Fuelled with Water Diesel Emulsion Fuel. In: Gupta A, Mongia H., Chandna P., Sachdeva G. (eds) Advances in IC Engine and Combustion Technology. NCICE 2019. Lecture Notes in Mechanical Engineer., Springer, Singapore https://doi.org/10.1007/978-981-15-5996-9-29

TRAINING ATTENDED

- STTP on "*Induction Training Programme Phase-1*", Nitttr Regional Centre, Ahmedabad (R. C. Polytechnic, Ahmedabad) 12-03-2018 to 23-03-2018.
- STTP on "*Induction Training Programme Phase-2*", Nitttr, Bhopal (Online Mode) 19-10-2022 to 30-10-2020.
- STTP on "*Research Communication*" IIT, BHU, 02-12-2019 to 06-12-2019.
- STTP on "*Comprehensive Online Intellectual Property Rights (IPR)*", Gujarat Student Startup and Innovation Hub (i-Hub) 06-07-2022 to 14-08-2020

PORTFOLIOS (Current)

- Departmental time table committee (member)
- NBA Criteria 9.2, 9.3, 10.4 (coordinator)
- Hostel Committee (warden)
- MYSY (committee member)

SUBJECT TAUGHT

- Engineering Graphics
- Elements of Mechanical Engineering
- Refrigeration and Air-conditioning
- Integrated Personality Development Course
- Operation Research
- Product Development and Entrepreneurship
- Organizational Behavior