

Rajesh J. Patel

- **Designation** : Assistant Professor (Mechanical)
- **Experience** : 14 years Teaching and 2 years industrial
- **Educational Qualification** : M.E. (Mechanical), Ph.D (continue...)
- **Specialization** : I.C. Engine & Automobile Engineering
- **Mail Id** : rajeshj.patel@gperi.ac.in

Research:

“Experimental Investigation on Performance of CNG Direct Injection in SI Engine”

1. Rajesh J Patel and Pragnesh Brahmbhatt, “A Technical Review of Performance of CNG Direct Injection in Spark Ignition Engine” in International Journal of Advance Engineering and Research Development (IJAERD)-ISSN: 2348-6406, 2014.
2. Rajesh J Patel and Pragnesh Brahmbhatt, “ Performance Characteristics Comparison of CNG Port and CNG Direct Injection in Spark Ignition Engine” in European Journal of Sustainable Development Research, 2018, 2(2), 26 ISSN: 2542-4742.
3. Rajesh J Patel and Pragnesh Brahmbhatt, “Effect of varying fuel injection timing on engine performance of CNG direct injection in retrofitted SI engine” in European Journal of Sustainable Development Research, 2019.

Professional Contribution

1. Delivered “Expert Lecture” on “Various methods of CNG Injection in SI Engine” during STTP of “Recent Development in I.C. Engine” at LDRP-Institute of Technology and Research, Gandhinagar, Gujarat on 05-09-2015.

TRAINING PROGRAMMES/WORKSHOPS/SCHOOLS ATTENDED

1. STTP on “Advances in Heat Transfer in Mechanical Engineering” at Parul Institute of Technology in 2008.
2. STTP on “Effective Teaching” at HNGU, Patan in 2008.
3. STTP on “Renewable Energy Sources” at Chandigarh in 2009.
4. STTP on “Advances in Automobile” at Nirma University in 2011.
5. One Day FDP on “Advances in Refrigeration & Air Conditioning” Organized by Dept. of Mech. Engg. At GPERI on 21/06/2014.
6. One Day Workshop on “Energy Conservation Awareness” organized by GEDA at GPERI on 20/08/2014.
7. GUJCOST Sponsored One Day National Seminar on “Futuristic Innovations on Solar Energy” at GPERI, Mevad on 20/12/2014.
8. 4 Days FDP on “Strengthening the Life Skills” at GPERI from 24/05/2017 to 27/05/2017.
9. 5 Days FDP on “Advanced Simulation processes and Solution “at GPERI from 12-06-17 to 16-06-2017.
10. 2 Days Seminar on “Policy Planning and Potential of Renewable Energy Systems in India” at GPERI from 23/03/18 to 24/03/2018.

Achievements

- Life Member- Indian Society for Technical Education [LM 31132]