

Name of Faculty	Prof. Pratikkumar Rameshbhai Patel
Designation	Assistant Professor, Mechanical Department
Email id	pratikpatel.me@bitseducampus.ac.in
Contact number	9998661271
Total Experience	
Teaching	07 years 07 months
Industry	01 years 01 months
Professional Summary	Working as Assistant professor in Mechanical engineering Department of BIT from Sep. 2013. Worked at various positions like UG faculty for GTU, Coordinator of Training and Placement activities at department level, member of department committee for Attendance, mentoring students, guiding projects of UG students.
Current Activities	Assistant professor, Guiding 4 UG projects.
Specialization Areas	Thermal Engineering
Subject Taught (UG)	Power Plant Engineering, Refrigeration And Air-Conditioning, Heat Transfer, Engineering Thermodynamics, Applied Thermal & Hydraulic Engineering, Conventional Power Plant engineering, Elements of Mechanical Engineering, Engineering Graphics.
Qualifications	M.E. (Thermal Engineering), Parul Institute of Engineering And Technology, Gujarat Technological University (July 2014) (First class with distinction) B.E. (Mechanical Engineering), Valia Institute of Technology, Veer Narmad South Gujarat University (2010) (First class with distinction)
Skills	Well verse with AutoCAD, PRO E, MS Office.
Achievements	Nil
Research Project	Nil
Publications	<ol style="list-style-type: none"> 1. "A Review: Effect of Fuel Additives on Performance and Emission of CI engine using Neem Biodiesel", International Journal of Applied Research and Studies (iJARS), ISSN: 2278-9480 Volume 3, Issue 1 (Jan - 2014) 2. "Heat Transfer Enhancement in Shell and Tube Heat Exchange by using Iron Oxide Nanofluid", International Journal of Engineering Development And Research, ISSN: 2321-9939 Volume 2, Issue 1 (2014) 3. "ACOUSTICALLY DRIVEN REFRIGERATION DEVICE A REVIEW", INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING & TECHNOLOGY, ISSN: 0976-6340 Volume 8, 172-177 (2017) 4. "BLADELESS TURBINE A REVIEW", INTERNATIONAL JOURNAL OF

5. “A Review :Performance and Emission Analysis of Biodiesel in Boiler”, In National Conference, Title with Emerging Vistas of technology in 21st Century, 4th and 5th April 2014.

Activities and honours

- Nil

Grant Received

- Grant of 65000 (45000 for Project Fund & 20000 for Patent Filling) received for guided project (APPLICATION OF THERMAL BATTERY TO REDUCE POWER CONSUMPTION OF REFRIGERATORS) From SSIP (GEC Dahod)
- Grant of 25000 received for guided project (ANALYSIS AND MODIFICATION OF BAND SAW MACHINE) From SSIP (Vadodara)