

HARDIK PATEL

(Pursuing Ph.D.)

Department:
Department of Mechanical Engineering
Designation:
Assistant Professor
Email:
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Summary

Hardik Patel is teaching in SVM Institute of Technology since 2012. He has taught various subjects like Refrigeration and Air Conditioning, Power Plant Engineering, Renewable Energy etc. He is currently working in the area of Solar Refrigeration and Energy Auditing for sustainable living in smart environments.

Skill Highlights

- Heat load calculation
- Duct Design
- Design of heat exchanger
- MATLAB-Simulink
- Green building/air conditioning
- Energy auditing/Power plant/Utilities
- Solar energy
- AHUs troubleshooting

Experience

Assistant Professor: JULY 2012 to Present

Academic Responsibilities

- NBA Coordinator
- Class Coordinator
- GTU Examination
- ERP Coordinator

Education

Doctor of Philosophy (pursuing): **Mechanical Engineering** – Gujarat Technological University, Ahmedabad

Master of Engineering: **Thermal Engineering** – Gujarat Technological University, Ahmedabad

Bachelor of Engineering: **Mechanical Engineering** – M S University, Baroda

Area of Interest

- Refrigeration and air conditioning
- Power plant engineering
- Renewable energy

Addition Information

- Published more than 12 international research paper
- 8 M.E. students guided
- Member of “ The Indian Society of technical education(ISTE) & The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)
- STTP’S/FDP/Refresher course:- 12+ successfully attended