

# Dr. Dipakkumar Gosai, (Ph.D.)

Associate Professor & Head at Dept. of Mechanical Engineering  
Shri S'ad Vidya Mandal Institute of Technology (SVMIT) Bharuch.

## Summary

Brief - Dr. Dipakkumar C. Gosai is the Associate Professor & Head at Dept. of Mechanical Engineering Shri S'ad Vidya Mandal Institute of Technology (SVMIT) Bharuch, Gujarat. He has over 25 years of experience in teaching as well as in the industrial field, hence has an in-depth knowledge of his domain. During his journey as an education leader, he has guided around 39 Postgraduate students successfully from Gujarat Technological University & has also published around 95 national and international research papers. With a Ph.D. in his field, he is a continuous presence at major national conferences as a prominent speaker & lecturer.

## Skill Highlights

Working with students to help them gain not just a degree, but an overall career

Develop a curriculum for various courses and ensure that it meets college and department standards.

Advise students about which classes to take and how to achieve their goals.

Stay informed about changes and innovations in my field.

Conduct research and experiments to advance knowledge in their field.

Publish original research and analysis in books and academic journals.

Serve on academic and administrative committees that review and recommend policies, make budget decisions, or advise on hiring and promotions within my department.

## Experience

**Experience: 27 years**

- PG Teaching: 12 Years
- UG Teaching: 25 Years
- Research Work: 12 Years
- Industrial work: 02years

**AICTE Research project successfully completed**

The grant released by AICTE New-Delhi Rs.17, 66,666/- and remaining grant Rs.1,81,445/- added by SVMIT Bharuch. Research project successfully completed on "Development of an Adiabatic Engine" for the duration of 2013-2016 at SVMIT Bharuch. The total research grant utilized Rs.19,48,112/-.

## Education

**Ph.D. in Mechanical Engineering, S.V.N.I.T. Surat, Gujarat, India**

**Thesis entitled:** Performance Evaluation of Twin Cylinder Four Stroke Diesel Engine under Adiabatic Condition with Thermal Barrier Coatings

**M.E. in Mechanical (I.C. Engine & Automobile Engineering)**

L.D. College of Engineering, Gujarat University, Ahmedabad.

**Dissertation titled:** "Energy conservation in Internal Combustion Engine and Automobile"

**B.E. Mechanical**

Faculty of Technology & Engineering, M.S. University, Vadodara

**Diploma in Mechanical Engineering**

Polytechnic, M.S. University, Vododara

## Area of Interest

Thermal Engineering, I.C. Engine, Automobile Engineering, Fluid Power Engineering, Power Plant Engineering, Combustion Engineering, Energy System, Gas Turbine, Gas Dynamic, Etc.

## Addition Information

- **Research Publication: 79 (International), 18(National)**
- **InvitedTalk: 02 (International), 03(National)**
- **STTP's/Workshop's: 11 (STTP), 06 (Workshop)**
- **Recognition / Membership:**
  - Life Member of " The Indian Society For Technical Education"
  - ISCA member : FC 534
  - SAE, SVMIT College Chapter – Coordinator for 3 years