

VIJAY PAREKH

(Pursuing PhD)

Department:

Department of Mechanical Engineering

Designation:

Assistant Professor

Email:

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Summary

Vijay Parekh is teaching in SVM Institute of Technology since 2012. He has taught various subjects like Design of Machine Elements, Theory of Machine, CAD & Manufacturing Technology etc. He is currently working in the area of failure investigation of the metal bellows joint.

Skill Highlights

- Design calculation
- Mechanical Element Design
- Design of Metal Bellows
- Auto Cad(Drafting)
- 3D Modeling Tool
- Creo, Solid Edge, Inventor
- Finite Element Analysis
- Ansys, Hyper Works

Experience

Assistant Professor: August 2012 to Present

Academic Responsibilities

- Subject Coordinator
- Class Coordinator
- GTU Examination
- Member of Placement cell & GIC
- Member of OSTC club

Education

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

Master of Engineering: **CAD/CAM** – Gujarat Technological University, Ahmedabad

Bachelor of Engineering: **Mechanical Engineering** – Institution of Engineers, INDIA (A.M.I.E.)

Area of Interest

- Designing & 3D Modeling
- Computer aided design & manufacturing
- Finite Element Analysis
- Research & Failure investigations

Addition Information

- Published more than 10 international research paper
- 6 M.E. students guided
- Member of “ THE INSTITUTION of ENGINEERS (INDIA)” & “IETE”
- STTP’S/FDP/Refresher course:- + 5 successfully attended