

Dr. Pritam Patil

(M.Tech., Ph.D.)

Department:

Chemical Engineering

Designation:

Assistant Professor

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Summary

Dr. Pritam Patil is currently working as an Assistant Professor at Department of Chemical Engineering, Shri S'ad Vidya Mandal Institute of Technology, Bharuch, Gujarat. He has taught various subjects like Fluid flow operations, Advanced separation techniques, Transport phenomena, Nanoscience and Technology etc. His research work is mainly focused on process intensification, kinetics and modeling of nanomaterial synthesis and their applications. He is efficient in synthesis and structural determination of Organic-Inorganic compounds; Drug loaded compounds; Polymer composites; structural determination of complex compounds using various techniques including UV, FT-IR, XRD, FE-SEM, and TG analysis.

Skill Highlights

- Project management
- Complex problem solver
- Capacity for teamwork
- Level of comfort in the use of technology
- Innovative thinking
- Ability to motivate a diverse groups of stakeholders

Experience

Assistant Professor: July 2016 to Present

Academic Responsibilities

- Class Coordinator
- Website coordinator
- GTU Examination
- ERP coordinator

Education

Doctor of Philosophy: **Chemical Engineering**– UDCT, North Maharashtra University, Jalgaon

Master of Technology: **Chemical Engineering** – UDCT, North Maharashtra University, Jalgaon

Bachelor of Technology: **Chemical Engineering**– UDCT, North Maharashtra University, Jalgaon

Area of Interest

- Polymer Blends-Composites
- Statistical Modelling
- Drug delivery
- Process Intensification using Micro-reactor

Additional Information

- Research Publications: 18
- STTP'S/Workshop: 11
- Patents: 01 (Granted), 01 (Published)
- Conferences: 05 International
04 National