



Prof. YASH VIRENDRA THAKARE

**Assistant Professor,
Department of Chemical Engineering**



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OVERVIEW:

Qualifications: M.Tech (Chemical Engg), B.E. (Chemical Engg)
Experience: Teaching - 03 years, Industry - 01
Date of Joining STES: 13/07/2022
Skills and Proficiencies: DNV's PHAST and SAFETI, PHA Pro 8.

SIGNIFICANT ACHIEVEMENTS:

- 1st Prize for Poster Presentation at “Emerging Trends in Nanotechnology and Biotechnology”, Jaipur.
- 3rd Prize for Poster Presentation at “International Conference on Chemical Industry”, Gandhinagar.

AREA OF EXPERTISE /RESEARCH INTERESTS:

- **Nanotechnology**
- **Wastewater Treatment**
- **Process Safety**

PATENT :

Granted Patent : 01

NUMBER OF STUDENTS GUIDED:

- UG – 08 Groups

RESEARCH PULICATIONS:

- Scopus/ SCI : 01
- International Journal: 07
- Book Chapter : 05
- Conference : 01
- h-index : 02
- i10 index : 01
- Google scholar link:
<https://scholar.google.com/citations?user=3te1Vt0AAAAJ&hl=en>

FUNDED PROJECT:

Low costly nanoadsorbents for removal of Heavy Metal ions from wastewater.
INR 1.55 Lakh funded by ORSP Cell, Pandit Deendayal Energy University, Gandhinagar

RESEARCH WORK:

M.Tech Project Work

The project work involves the Hazard and Operability Study (HAZOP) of Ammonium Sulphate Production Plant.

RESOURCE PERSON TO INDUSTRY/ACADEMIA:

Delivered expert lecture in Five-day Faculty Development Program on “Chemical Process Safety” arranged by Department of Chemical Engineering, Sinhgad College of Engineering, Pune (18th December 2024)

SUBJECTS TAUGHT:

- Chemical Reaction Engineering
- Chemical Process Synthesis
- Chemical Process Safety

FDP/STTP/SDP/WORKSHOPS ORGANIZED AS A COORDINATOR:

- Dept. Co-Ordinator for Five Days Online FDP's Organized By Department Of Chemical Engineering, On “Chemical Process Safety”, Date: 16th December 2024 To 20th December 2024.

CONFERENCES ATTENDED:

- **Yash Thakare**, Swapnil Dharaskar, Manan Shah “Removal of Heavy Metal Ions from Wastewater using Graphene Oxide and its Composites”, 1st International Conference on Advances in Water Treatment and Management, Gandhinagar in 2022.
- **Yash Thakare**, Rajesh Gujar, Ashish Unnarkat “Waste Lignin and Metal Oxide for altering the Physical and Chemical Properties of Bitumen, International Symposium on Materials of the Millennium : Emerging Trends and Future Prospects in 2021.
- **Yash Thakare, Vikram Pawar, Chinmay Phanse** “Nanoplasmonics: A Boon for Technological Applications”, 2nd International Conference on Chemical Industry, Gandhinagar. in 2017. {Secured Third position in Conference}.

FDP/STTP/SDP ATTENDED:

- TEQIP/AICTE/ISTE/IETE sponsored FDP - 04
- Others - 13

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

Institute Level :

- Cultural Events Coordinator
- Admission Committee Member
- Ranking Committee Member

Department Level :

- Training and Placement Coordinator
- Project Coordinator
- Seminar Coordinator
- Entrepreneurship Cell Coordinator
- NSS Coordinator
- SRUJAN Magazine Coordinator
- NPTEL and Spoken Tutorial Coordinator
- Academic Monitoring Committee Coordinator
- Central Library Coordinator
- Student Training Program – 1 Coordinator

DECLARATION:

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: / / 2024

Signature