



Mr. VIJAY HARIBHAU BANKAR

Assistant Professor, Department of Chemical Engineering



vhbankar.scoe@sinhgad.edu

OVERVIEW:

Qualifications: M.E. (Chemical Engineering)
Experience: Teaching- 27 Yrs
Date of Joining STES: 01/08/2007
Skills and Proficiencies: Matlab, 'C' Programming, Analytical Instruments, UNISIM

AREA OF EXPERTISE /RESEARCH INTERESTS:

Ultrasonics, Nanotechnology, Modelling and Simulation

NUMBER OF STUDENTS GUIDED:

- PG – 05, UG – 30+ Groups

RESEARCH PULICATIONS:

Publication Summary:

Scopus/ SCI-	01
International Journal:	01
Conference:	03
h-index:	01
i10 index :	01

<https://scholar.google.co.in/citations?hl=en&user=sLI7pjAAAAJ#>

FUNDED RESEARCH PROJECT:

Title- Ultrasound Assisted Saponification of Vegetable Oils in Presence of Phase Transfer Catalyst

Amount- Rs. 2.40/- Lakhs

Funding Agency- Savitribai Phule Pune University

RESEARCH WORK:

Ultrasound Assisted Saponification of Vegetable Oils in Presence of Phase Transfer Catalyst

SUBJECTS TAUGHT:

- Fluid Mechanics
- Heat Transfer

- Chemical Engineering Thermodynamics
- Chemical Engineering Design
- Advanced Materials
- Piping Engineering
- Chemical Technology
- Petrochemical Engineering

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

- Webinar on Food-Planet-Health-Animal Rights Awareness Drive on 17/10/2023.
- Two-Days Seminar on "Recent Advances in Separation Technology during 03/05/2023 - 04/05/2023.
- One week FDP on Sophisticated Analytical Instruments: Principles and Application to Chemical and Material Sciences during 21/07/2020-25/07/2020.
- One Day workshop on Deaddiction in association with Muktangam Rehabilitation Center, Pune on 21/04/2018.
- One Week FDP on Sophisticated Instrumental Analysis Techniques during 07/10/2013-11/10/2013.

CONFERENCES ATTENDED:

- State Level NSS Program Officers Conference
- UGC-SAP sponsored National Conference on Recent Advances in Chemical Engineering & Technology organized by University Institute of Chemical Technology, KBCNMU, Jalgaon.
- 3 Day National Conference on Advances in Materials and Processes for Sustainable Applications organized by Gharda Institute of Technology, Lavel, Ratnagiri.

FDP/STTP/SDP ATTENDED:

- TEQIP/AICTE/ISTE/IETE sponsored FDP -06
- Others- 04
- Workshops - 08
- STTP – 06
- Webinar- 02

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:**University Level:**

- NSS Area coordinator at Savitribai Phule Pune University.

Institute Level (SCOE):

- Programme Officer of National Service Scheme (NSS) at Sinhgad College of Engineering.
- Worked as a Volunteer for Commonwealth Youth Games held in Balewadi, Pune during October 12-18, 2008.
- President of NDLI Club

Department Level (Chemical)

- Lab In charge for Heat Transfer Laboratory, Teacher Guardian, Class Teacher
- Organizing committee member for various Staff Development Programs & Conferences
- Feedback coordinator
- Virtual Lab Coordinator
- Higher Education & Competitive Exam Coordinator

DECLARATION:

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

Date: / / 2024

Signature