



Dr. Praful G Bansod

Associate Professor, Department of Chemical Engineering

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OVERVIEW:

Qualifications: Ph.D. (Chemical Tech), ME (Chemical Tech), BE (Chemical Engg)
Experience: Teaching -16.4 years Tech Associate Professor – 8 years
Date of Joining STES: 19/12/2016
Skills and Proficiencies: Membrane Process Design and Optimization,
Membrane Material Science, Characterization
Techniques, Membrane Fouling and Cleaning,
Integration with Other Technologies

SIGNIFICANT ACHIEVEMENTS:

- Gate qualified
- Merit in Post-Graduation university Examination
- Reviewer of Journal Material Today proceeding, Elsevier
- Reviewer of Brazilian Journal of Chemical Engineering, Springer
- Reviewer of environmental development and sustainability Springer

AREA OF EXPERTISE /RESEARCH INTERESTS:

- Membrane Separation, Biodiesel, Advance separation, Composite materials, Biofuel

NUMBER OF STUDENTS GUIDED:

- UG-50

RESEARCH PULICATIONS:

Publication Summary:

Scopus/ SCI- 15
International Journal: 20
Conference: 17
h-index : 06
i10 index: 06

(<https://scholar.google.com/citations?user=Y4Yd4jkAAAAJ&hl=hi>)

RESOURCE PERSON TO INDUSTRY/ACADEMIA:

- Delivered expert lecture on one-week FDP organized by department of Chemical Engineering SCOE Pune on Emerging trends in sustainable technologies from 13th - 15th December 2023

- Delivered invited lecture on one day seminar organized by Anuradha Engineering College Chikhli on membrane casting and application on 08 November 2023
- Expert member for the selection committee for the interview scheduled on January 24, 2020 at the Dr. D.Y. Patil Institute of Engineering, Management, and Research, Pune
- Expert member for selection committee for interview scheduled on September 23, 2020 at VIT, Pune
- Expert member for selection committee for interview scheduled on July 23, 2021 at VIT, Pune

SUBJECTS TAUGHT:

- Membrane Technology
- Advanced Materials
- Process Calculations
- Heat Transfer
- Transport Phenomenon
- Mechanical Operations

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

- Two -days seminar organized by Department of Chemical Engineering, SCOE, Pune on Applications of Chemical Engineering & Basic Sciences in Downstream Processes from 23th to 25th March 2022
- Two-days seminar organized by Department of Chemical Engineering, SCOE, Pune on Recent Advancement in Chemical Engineering and Basic Sciences from 21- March 2022.
- One-week STTP ISTE approved organized on Advance Technology for conservation of energy & sustainable development from 18-22 April 2016

CONFERENCES ATTENDED:

- Two days international conference organized by department of chemical engineering PDPU Gandhinagar, Gujarat on New frontiers energy and environmental sustainability, from 27-28 Feb 2021.
- 1st International Symposium of Reaction Engineering, Catalysis & Sustainable Energy (RECaSE2021) “New Frontiers in Green Chemistry for Sustainable Energy” April 06, 2021 Malaysia
- First international conference computational in materials & applied engineering 26-27 June 2021, Bangalore
- International conference on materials and system engineering, 7-8 May 2021, SJB Institute of Technology, Bangalore
- International conference CHEMCON-2018 organized by Indian Chemical Engineering Congress NIT Jalandhar on synthesis of heterogeneous catalyst from 27-30 dec.2018.
- International Conference on Advances in Sustainable Research for Energy and Environmental Management (ASREEM-2021) on “Modelling and optimization of fluoride adsorption using ultrasonicated improved electrochemically generated adsorbent organized by Department of Chemical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat (India) from August 6 – 08, 2021.
- International Conference on Recent Technologies and Advanced Materials for Green Energy and Sustainable Environment (RTAMGESE-on “Green synthesis, analysis of structural morphology and antibacterial properties of MgO nanoparticles using Mahua flower extracts” National Institute of Technology Tiruchirappalli Department of Chemical Engineering.

March 12-13, 2021.

- International conference on water Desalination, Treatment and Management and Indian Desalination Association Annual Congress-2013(InDAICON 2013) organized by Department of Chemical and Civil Engineering, MNIT, Jaipur during Feb 21-22, 2013.
- Chemcon -2011 organized by MS Ramaiah Institute of Technology, Bangalore from December 27-29, 2011.
- SCHEMCON -2011 on Emerging of Green Technology towards Sustainable Growth organized by Heritage Institute of Technology, Kolkata 700107.
- Two days conference on Technology Advancements in Chemical and Environmental Engineering (TACEE-2012) organized by BITS Pilani India BITS Pilani India from March 23-24, 2012.
- Indo –Italian Conference Green & Clean Environmental (GCE-2008) organized by MIT College of Engineering, Pune MIT Pune March 20-21, 2008.
- Tomboy Symposium on Desalination & Water Reuse (TSDWR-07) on Membrane Desalination and presented paper on A Solution to Purna Valley Saline Tract of Vidarbha Region. Organed by Indian Desalination Association & Board of Research in Nuclear Sciences Trombay from February 7-9, 2007.
- 3RD International teacher conference organized by MIT World piece university Pune.
- F-EIR Conference-2021 presented paper on Review on Application of Membrane Technology to Control Environmental Pollution Environment concerns and its remediation from 18-22 Oct 2021 Chandigarh, India.
- 1st international conference on Advances in water treatment and management organized by PDPU Gandhinagar Gujarat India from 25 -26 March 2022
- National Teacher Congress -2020 MIT Pune held on 15-18 June 2020

FDP/STTP/SDP ATTENDED:

- More than 35 FDP/STP are attended

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

- Institute Insem CAP coordinator
- Institute SC/ST committee member
- website & social media coordinator
- Department NAAC coordinator
- Department Student development council coordinator
- Department Parent Meet Coordinator
- Departmental Techtronic Event Coordinator (Event Sheh Aur Maat)

DECLARATION:

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

Date: / / 2024

Signature