



Dr. Babasaheb Ambedkar Technological University

(Established by Government of Maharashtra and Governed by Dr. Babasaheb Ambedkar Technological University Act No. XXIX of 2014)

Vidyavihar, Lonere – Raigad 402 103 (Maharashtra)

Chemical Engineering Department

Prof. Pooja Pandurang Sanap

Email ID: psanap@dbatu.ac.in

LinkedIn: Linkdin.com/in/pooja-sanap

Designation: Assistant Professor

Type of appointment: contract

Experience: 4 years (Teaching), 3 years (Research)



Educational profile:

BE: Petrochemical Engineering, MIT, Pune

M-Tech: Chemical Engineering, DBATU, Lonere

PhD: Perusing in Chemical Engineering, DBATU, Lonere

Research interest: Reaction engineering,

Advanced separation and purification techniques,

Modeling and Simulation (Aspen plus)

Most recently taught subjects:

UG: Process Calculation

Process Instrumentation

Petroleum Refining and Petrochemical

Environmental Quality Monitoring and Analysis

PG: Advanced Separation Studies

Advanced Reaction Engineering

Other Responsibilities:

- Final year class - teacher
- Departmental NAAC coordinator (Criteria III)
- Departmental Internship/Placement coordinator

Research guidance:

UG: Completed: 35 Ongoing: 12

Publications:

(Goggle Scholar: <https://scholar.google.com/citations?user=ZmwSiP0AAAAJ&hl=en&oi=ao>)

1. Ethanol blending in petrol: a techno-commercial overview, Materials today: proceedings, <https://doi.org/10.1016/j.matpr.2023.04.055>.

2. Review on technologies to separate and purify ethyl alcohol from dilute aqueous solutions, Reviews in Chemical Engineering, 2023, <https://doi.org/10.1515/revce-2020-0114>.

3. Dehydration – purification of aqueous ethyl alcohol by adsorption over molecular sieves: continuous operation, Journal of the Chinese Institute of Engineers, <https://doi.org/10.1080/02533839.2021.1919557>
4. Purification of tetrahydrofuran from aqueous azeotropic solution: continuous adsorption operation using molecular sieves, Chemical engineering communications, doi.org/10.1080/00986445.2019.1615471.

National /international conferences:

1. International conference on emerging trends in engineering, Govt. Engineering College Kozhikode, Kerala-India, 2023.
2. International conference on advanced in smart materials, chemical and biochemical engineering, NIT, Rourkela, 2022.
3. International Conference on Recent Advancements in the areas of Science, Technology, Business, Economics, Management, Social Sciences, Humanities & Travel-Tourism, 2022.
4. International conference on advances and challenges for sustainable ecosystem, NIT, Tiruchirappalli, 2018.