

Profile

Name: Mundhe Sandeep Bhagwanrao

Designation: Assistant Professor,

Organization: Department of Chemical Engineering,

Shri Guru Gobind Singhji Institute of Engineering and Technology,

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Qualification: Ph.D. (Chemical Engineering)

Research Area of interest: Waste water treatment, Separation processes and
Process modeling, Food Packaging

Subject Teaching: Heat Transfer, Environmental Engineering, Chemical
Engineering Thermodynamics, Process Control, Process Modeling and Simulation

Educational Qualification:

1. B.E.(Chemical) with First division from Dr. B.A. M. U. Aurangabad.
2. M.E. (Chemical) with First division from Shivaji University, Kolhapur.
3. Ph. D (Chemical Engineering) from Dr. B.A. M. U. Aurangabad.

Work Experience:

- i. 21 years of teaching experience at graduate and post graduate level of engineering education.
- ii. 6 month industrial experience as Trainee Engineer

Ph.D. Topic: Extraction of active ingredients from medicinal plant using ionic
Liquid.

Research Scheme Completed: 01

Total Funds/Grants Received: 15 lacks

Administrative responsibilities:

- Working as Hostel Rector from March 2023 to till date.
- Worked as an Honorable Secretary, The Institution of Engineers (India), Aurangabad Local Centre, Aurangabad(M.S.)
- Appointed and worked as Assistant Director for Centre Assessment Scheme at Dr. B.A.M. University, Aurangabad for May/Jun-2014 and redressal of Engineering Examination.
- Appointed and worked as member for ARC committee of Director of Technical Education for first year engineering admission at ARC - 3221.
- Appointed and worked as Assistant Director for Centre Assessment Scheme at Dr. B.A.M. University, Aurangabad for May/Jun-2011 Engineering Examination.
- Appointed as member of First Year Engineering Admission committee at MGM's Jawaharlal Nehru Engineering College, Aurangabad for four years.
- Appointed and worked as CAS Officer for Centre Assessment Scheme at Dr. B.A.M. University, Aurangabad for May/Jun-2005 Engineering Examination.
- Member of 32(5) committee of Chemical Engineering faculty of Dr. B.A.M. University, Aurangabad for paper setting from last six years.

Publication:

- Published a paper on "Analysis of Diethanolamine reaction by using FTIR technique" Journal of Catalyst and Catalysis, ISSN:2349-4344, Vol-3, Issue-1, STM Journal.
- Published a paper "A simulation of Multicomponent Distillation using Visual Basic and Crystal Report" in International Journal of Biotechnology, Chemical and Environmental Engineering (IJBCEE), vol. 1,(1), April 2012, ISSN 2278-0696.
- Published a paper "Models to predict the performance of Solvent and Solute transport process through membrane in Reverse Osmosis" in International Journal of Biotechnology, Chemical and Environmental Engineering (IJBCEE), vol. 2,(1), April 2013, ISSN 2278-0696.

- Paper “Compare the effect of air to fuel ratio on biomass cookstove in international and selected for Springer Journal publication.
- Published proceedings of 04(four) technical paper in National level conferences.
- Technical paper selected in International Conference ICACE-2013 organized by National Institute of Technology, Raipur.

Published a paper “Biomass Stove: Effect of Air to Fuel ratio on thermal efficiency” in International Journal of Engineering Research and Technology (IJERT), vol. 4,(6), June- 2015, ISSN 2278-0181.

Member of Professional Bodies:

- Executive Council Member and life member, The Institution of Engineers (India).
- Life Member, Indian Society for Technical Education (ISTE)

Student Guided: 03 students guided at P.G. M.E.(Chemical Engg.) level