Dr. Deepali M. Pawar

Assistant Professor

Total Experience : 7.5 years
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Academic Qualifications:

Ph. D. (Chemical Technology) UDCT Amaravati

Research Interests:

- Catalytic Cracking
- Waste Water Treatment
- Mass Transfer Operations

Courses Taught @ UG:

- Transport Phenomenon
- Environmental Quality and Monitoring Control
- Energy and Environment Engineering

Paper Published:

- International Journals: 04
- International/National Conferences: 05

Recent Publications:

- Pawar, D. M., & Marathe A. B. "Catalytic Cracking of Cottonseed's Vegetable Oil Refinery Waste - Oxidative Cleavage of Mixed Fatty Acids", International Journal of Engineering Research & Technology, 2278-0181, 2017.
- Pawar, D. M., & Marathe, A. B. "Critical review on value-added products from cracking of waste vegetable oil" Int. J. Sci. Eng. Res, 6, 1063-1068, 2015
- Girish M. Deshmukh, Deepali M. Pawar and Aparna Shete, "Oxidative absorption of hydrogen sulfide using an iron-chelate based process: chelate Degradation", J. Chem. Technol. Biotechnol, 88, 432–436, 2013.
- Deepali M. Pawar and Girish M. Deshmukh, "Sulphur Nanoparticle Synthesis from H_2S gas based on Degradation of Iron Chelate Process", International Journal of Scientific & Engineering Research Volume 3, Issue 9, September-2012.
- Potential of Cottonseed's oil Refinery waste (Acid oil) as a feedstock for the production of Palmitic Acid., Paper presented at International Conference on Technological Interventions for Sustainability (CHEMCON- FLUX 022) under publication for Elsevier Journal.