

	Name	Prof. Kavita S. Kulkarni					
	Designation	Associate Professor					
	Qualification	B.Tech(Petrochemical) ,M.E.(Chemical Engg), PhD Pursuing					
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	Experience	Teaching :	20 Years	Industry :	...Years	Research:	05 Years
Area of Interest	Environmental Engineering						
Publications	International Journal (s):		National Journals (s) :				
	International Conference (s):		National Conference:				
Research Publications Details (Last five years)	<p>International Journal:</p> <p>[1] V.B.Vyas, K.S.Kulkarni, electroplating and textile wastewater treatment by combined effect of adsorption and uv , International Journal of Chemical Sciences, 9, 4 (2011) 1647–56.</p> <p>[2] K.S.Kulkarni,K.J.Kunte,S.H.Sonawane,A.B.Pandit,UV Photoactivation of Nano/Micro Porous Plant-Derived Carbon and Application to CO₂ Gas Adsorption, International Journal of Green Nanotechnology, 3, 4, (2011) 292-301.</p> <p>[3] B.S.Patil,K.S.Kulkarni, Development of high surface area activated carbon from waste material,International Journal of Advance engineering research Studies, 1(2012) 109-113.</p> <p>[4] K.S.Kulkarni, A.D.Kulkarni, S.Nage, Comparative study of CO₂ adsorption using different types of fly ash, International Journal of Chemical Sciences, 10, 2, (2012) 1001-1008.</p> <p>[5] K.S.Kulkarni,S. Shetty, Process Intensification of an Intermediate Stage of Cypermethrin Synthesis, International Journal of Innovative Research in Science, Engineering and Technology, 2, 10(2013) 5617-5621.</p> <p>[6]P.Amale, S.Kulkarni, K.S.Kulkarni, Studies on Packed Bed Treatment for Organic Matter in Distillery Effluent, International Journal of Engineering Science and Innovative Technology, 3, 5 (2014) 268-272.</p> <p>[7] P.Desai, K.S.Kulkarni,CO₂ capture by new adsorbent: Delonix Regia Fruit, International Journal of Advanced Engineering and Technology, 78 (2014) 81-87.</p> <p>[8] A.M.Saleh, K.S.Kulkarni, Production of bio-diesel from waste cooking oil by using homogeneous catalyst, International Journal of Chemical Sciences, 12, 3 (2014) 941-951.</p> <p>[9] H.H.Mahadi,K.S.Kulkarni, Adsorption of Carbon Dioxide on Orange Peel and Carbon Synthesized from Orange Peel, , International Journal of Chemical Sciences, 12, 3 (2014) 773-784.</p> <p>[10]A.R.Gore, K.S.Kulkarni, Comparison of Biodiesel Production From Karanja Seeds, Jatropha Seeds and Thumba Oil , International Journal of Emerging Trends in Science and Technology, 1, 4(2014) 504-509.</p> <p>[11] Kavita Kulkarni, Gajanana Bhogle,Rujuta Nalawade, Adsorptive removal of fluoride from water samples using <i>Azospirillum</i> biofertilizer and lignite, Korean</p>						

Journal of Chemical Engineering,35(1), (2018) 153-163

National Journal:

- [1] K.S.Kulkarni, A.D.Kulkarni, rakeshkumar, S.J.Attar, Utilization of fly ash for bricks manufacture, Journal of Engineering Research and Studies, 3 (2011) 359-362.
- [2] K.S.Kulkarni, A.D.Kulkarni. N.S.Topare, Opportunities and Challenges for Heterogeneous Catalysis in the Biodiesel Production, Journal of Engineering Research and Studies ,87,(2011)77-79.
- [3] P.Deshpande, K.S.Kulkarni, A.D.Kulkarni, Supercritical fluid technology in biodiesel production: A review ,Chemistry and Materials Research, 1, 1, (2011) 27-32.
- [4] R.Singh, K.S.Kulkarni, A.D.Kulkarni, Application of Appolite in Adsorption of Heavy Metals (Co and Ni) from Waste Water Journal of Chemistry and Materials Research , 1, 2, (2012) 16-21.
- [5] K.S.Kulkarni, A.D.Kulkarni, S.Nage, N.S.Topare , Biodiesel Production By a Continuous Process Using a Heterogeneous Catalyst , Journal of Current Chemical and Pharmaceutical Sciences, 2, 1, (2012) 12-16.
- [6] K.S.Kulkarni, A.D.Kulkarni, S.G.Chopade, N.S.Topare, Solid heterogeneous catalysts for production of biodiesel from trans-esterification of triglycerides with methanol: a review, Acta Chimica & Pharmaceutica Indica, 2, 1, (2012) 8-14.
- [7] K.S.Kulkarni, P.Deshpande, Production and evaluation of biodiesel from palm oil and ghee (clarified butter) , Chemical and Process Engineering Research, 2(2012) 33-42.
- [8] K.S.Kulkarni, A.D.Kulkarni, P.Kelut , CO₂ Adsorption By Various Catalysts, Chemical and Process Engineering Research, 18 (2014) 7-15.
- [9] K.S.Kulkarni, A.D.kulkarni, P.Singh, Improvement of Synergetic Effect In Heterogeneous Catalysis By Addition Of Metal Oxides ,Chemical and Process Engineering Research, 18 (2014) 31-34.
- [10] M.B.Mane, K.S.Kulkarni, A.D.Kulkarni, Mass and Heat Transfer in Solid Catalyst Bed, Chemical and Process Engineering Research, 33 (2015) 40-45.
- [11] K.S.Kulkarni, P.L.Chaudhari, V.G.Joshi, P.B.Patil, Sonochemical synthesis of polyacrylic acid –Nano CaCO₃ Nano composite for the adsorption of Rhodamine B dye, International Journal of Advanced Technology in Engineering and Science , 3,6 (2015) 168-176.
- [12] K.S.Kulkarni, P.L.Chaudhari, A.D.Kulkarni, U.Ghosh, Review – Hydrocracking using Different Catalysts, Chemical and Process Engineering Research, 34 (2015) 51-55.
- [13] S.Dhage, K.S.Kulkarni, Adsorption of Carbon Dioxide on Adsorbents Synthesized by Microwave Technique, Journal of Chemical Engineering & Process Technology, 6, 6, (2015) 1-5.

	<p>International Conference: [1] K.S.Kulkarni,V.B.Vyas, A.D.Kulkarni, Textile waste water treatment by adsorption , The International conference on sustainable systems and the environment,23-24 March 2011, Sharjah, United Arab Emirates.</p>
Research Projects	<p>Title of the project: Sequestration of CO2 from industrial Combined Heat and Power Plant by evolution of solid Sorbents as a retrofit technology.</p> <p>Funding agency- AICTE Duration- 18/12/2012 to 18/12/2014 Status- Completed</p>
Books / Book chapters Published	<p>Book: [1] K.S.Kulkarni, S.N.Shinde, Process Instrumentation, Chintan Publications, Pune.</p>
Professional Memberships	ISTE
Workshop/ Seminar/ Conference attended	<ol style="list-style-type: none"> 1. Secrets of Guru , 7-8 August 2015 2. A Safety security threat awareness and prevention program, 5 August 2015.
Achievements	Received RPS Grant of Rs. 5, 30,000/- from AICTE, New Delhi.
Extra Activities	IChE student's chapter In charge P.G. Coordinator Placement Coordinator IQAC member