

	<b>Name</b>	<b>Prashant Loknath Chaudhari</b>					
	<b>Designation</b>	<b>Assistant Professor</b>					
	<b>Qualification</b>	<b>B. E. Chemical, M. Tech. Chemical</b>					
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	<b>Email ID</b>	<b>plchaudhari@bvucoep.edu.in</b>					
	<b>Experience</b>	<b>Teaching:</b>	10.5 Years	<b>Industry:</b>	3 Years	<b>Research:</b>	1 Year
<b>Area of Interest</b>	Nanomaterial Synthesis, Waste Water Treatment, Biosorption, Adsorption, Polymer Nanocomposites.						
<b>Publications</b>	<b>International Journal (s):</b>	06		<b>National Journals (s):</b>	01		
	<b>International Conference (s):</b>	-		<b>National Conference:</b>	01		
<b>Research Publications Details</b>	<p><b>International Journal:</b></p> <p>[1] S. Sonawane, <b>P. Chaudhari</b>, S. Ghodke, S. Ambade, S. Gulig, A. Mirikar and A. Bane, Combined effect of ultrasound and nanoclay on adsorption of phenol, Ultrasonics Sonochemistry, 15 (2008) 1033–1037.</p> <p>[2] S. H. Sonawane, <b>P. L. Chaudhari</b>, S. A. Ghodke, M. G. Parande, V. M. Bhandari, S. Mishra, R. D. Kulkarni, “Ultrasound assisted synthesis of polyacrylic acid–nanoclay nanocomposite and its application in sonosorption studies of malachite green dye” Ultrasonics Sonochemistry, 16 (2009) 351–355.</p> <p>[3] <b>P. L. Chaudhari</b>, V. G. Joshi, P. B. Patil, K. S. Kulkarni, Sonochemical synthesis of polyacrylic acid nano CaCO<sub>3</sub> nanocomposite for the adsorption of rhodamine-b dye, International Journal of Advanced Technology in Engineering and Science, 03(06) (2015) 168–176.</p> <p>[4] U. Ghosh, K. Kulkarni, A. D. Kulkarni, <b>P. L. Chaudhari</b>, Review – Hydrocracking using Different Catalysts, Chemical and Process Engineering Research, 34 (2015) 51-55.</p> <p>{5} Pallavi C Kale, <b>Prashant L Chaudhari</b>, Removal of Reactive Blue 221 Dye from Textile Waste Water by Using Zinc Peroxide Nanoparticles, International Journal of Scientific Research and Management (IJSRM), 05(06) {2017} 5700-5709.</p> <p>{6} <b>Prashant L Chaudhari</b>, Pallavi C Kale, Synthesis and characterization of nano zinc peroxide photocatalyst for the removal of brilliant green dye from textile waste water, International Journal of ChemTech Research 10 (09) {2017} 477-486</p> <p><b>National Journal:</b></p> <p>[1] S. Sonawane, <b>P. Chaudhari</b>, S. Ghodke, S. Phadtare, S. Meshram, Ultrasound assisted adsorption of basic dye onto organically modified bentonite (nanoclay), Journal of Scientific &amp; Industrial Research, 68 (2009) 162-167.</p> <p><b>National conference:</b></p> <p>[1] Ajay Kumar, S. J. Attar, <b>P. L. Chaudhari</b>, S. J. Hole, Study of Influence of Particle size and initial concentration on the dissolution of CaCO<sub>3</sub>, National seminar on ‘Recent Advances in Chemical Engineering’ (RACE 2010), March 20, 2010, North Maharashtra University Jalgaon- 425001.</p>						
<b>Research Projects</b>	--						
<b>Books / Book chapters Published</b>	--						
<b>Professional Memberships</b>	1. Life Member of International Association of Engineers (IAENG) 118277						
<b>Workshop/ Seminar/ Conference</b>	<p>1. Workshop on “Chemical Reactor Design – Attainable Region approach” at MITAOE, December 2015.</p> <p>2. Seminar on “Recent Advances in Natural Product extraction” at SCOE, March 2013.</p>						

<b>attended</b>	
<b>Achievements</b>	--
<b>Extra Activities</b>	<ol style="list-style-type: none"><li>1. Organizing Committee Member of International conference 'NANOCON 014'</li><li>2. Organizing Committee Member of national conference 'Sanvargam 2016'</li><li>3. Organizing Committee Member of FDP on Applications of MATLAB 2018</li></ol>