

	<b>Name</b>	Mrs. Shambala N Shinde					
	<b>Designation</b>	Associate professor					
	<b>Qualification</b>	Ph.D. Chemical					
	<b>AICTE ID</b>	I-419844332					
	<b>Date of Joining</b>	02 July 2002					
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	<b>Experience</b>	<b>Teaching :</b>	18.5 Years	<b>Industry :</b>	0 Years	<b>Research:</b>	8 Years
	<b>Area of Interest</b>	Reactive Separations, Phase Equilibrium, Multicomponent Separations.					
<b>Publications</b>	<b>International Journal (s):</b>	14	<b>National Journals (s) :</b>	03			
	<b>International Conference (s):</b>	02	<b>National Conference:</b>	02			
<b>Research Publications Details (Last five years)</b>	<b>International Journal:</b> <ol style="list-style-type: none"> <li>(1) <b>S N Shinde</b>, V A Shinde Ayushi Sharma, Simran Rahi, Ann Mary Dcruz, Downstream separation of fusel oil, <i>Chemical Engineering World</i>, 55(2020), 67-74.</li> <li>(2) <b>S N Shinde, Amol Lomte</b>, Influence of advanced settling zone on COD removal efficiency of UASB reactor treating dairy wastewater, <i>International Research Journal of Engineering and Technology</i>, 05(2018,) 2716-271.</li> <li>(3) <b>S. Gadekar-Shinde</b>, B. Reddy, M. Khan, S. Chavan, D. Saini, S. Mahajani, Reactive Distillation for the Production of Methoxy Propyl Acetate: Experiments and Simulation, <i>Ind. Eng. Chem. Res.</i>, 56 (2017), 832-843.</li> <li>(4) S. Motegaonkar, R. Kulkarni, <b>S. N. Shinde</b> , Isobaric vapor liquid equilibrium of tertiary mixture of hexane-cyclohexane-MTBE and Residue Curve mapping, <i>Int. J. of Science and Research</i>, 05 (2016), 1384-1386.</li> <li>(5) P. Kherde, <b>S. N. Shinde</b>, M. Kulkarni, Synthesis, characterization and conductivity studies of polypyrrole-expanded graphite composites, <i>Int Research Journal of Engineering and technology</i>, 03 (2016), 2530-2534.</li> <li>(6) P.R. Vishwakarma, S. N. Shinde, Kinetic study of acylation reaction using ion exchange resin , <i>Int J. Advanced Technology in Engineering and Science</i>. 03 (2015) 251–256.</li> <li>(7) R. B. Kumar, S. G. Gaikwad, <b>S.N.Shinde</b>, Reactive extraction of naphthenic acid by using sodium hydroxide as an extractant, <i>Int J. Advanced Engineering Technology</i>. 05 (2014) 103-106.</li> <li>(8) M. Khosravi, <b>S.N. Shinde</b>, Kinetic study of esterification of adipic acid with methanol over amberlyst 15, <i>Int J. of chem. Tech Research</i>. 05 (2014) 4872-4877.</li> <li>(9) M. Sarma, <b>S. N. Shinde</b>, Modeling of sonophotocatalytic degradation</li> </ol>						

	<p>of formic acid in pharmaceutical waste Water, <i>Int J. Innovative Tech. Exploring Engg.</i> 01 (2012) 42 – 47.</p> <p>(10) H.Salih, <b>S. N.Shinde</b>, Influence of temperature and estimation of enthalpy and entropy for reactive extraction of lactic acid, 10 (2012) 1309 -1316.</p> <p>(11) M. B. Mane, S.N.Shinde, Vapor liquid equilibrium: A Review, <i>Scientific reviews and chemical communications</i>, 2 (2012) 158-171.</p> <p><b>International Conference:</b></p> <ol style="list-style-type: none"> <li>1. <b>S. Gadekar-Shinde</b>, D.R.Saini, S. M. Mahajani, Synthesis of Methoxy Propyl Acetate, <i>ISCRE -23</i>, 7-10 September 2014, Bangkok.</li> <li>2. <b>S Gadekar</b>, K S Kulkarni, V V Patil, S J Raut. Application of Residue Curve Map for Non ideal systems. Indo –Italian Brain storming workshop at BVDUCOE-Pune 43, 5, 6 December 2005.</li> </ol> <p><b>National conference:</b></p> <ol style="list-style-type: none"> <li>1. <b>S. Gadekar-Shinde</b>, S. M. Chavan, D.R. Saini, Isobaric vapor liquid equilibrium for acetic acid and anisole system, <b>CHEMCON</b>,26-30 December 2014, Punjab University Chandigarh.</li> <li>2. <b>S Gadekar</b>, K S Kulkarni, Residue Curve Map for non ideal Systems. All india Seminar on catalyzing Vision 2020, NIT(Rourkela) 14-15 September 2006.</li> <li>3. One research paper read on "Removal of Cadmium from aqueous phase by various natural adsorbents" was presented in <b>SCHEMCON held at ICT Mumbai (October 2018)</b></li> </ol>
<b>Research Projects</b>	<ol style="list-style-type: none"> <li>1. <b>Title of the project: Reactive Distillation</b> Funding agency- IIT Bombay Amount- Technical support Duration- 2012 - 2017 Status- completed</li> <li>2. <b>Title of the project: Reactive Extraction</b> Funding agency- NCL Pune Amount- Technical support Duration- 2013 - 2014 Status- Completed</li> <li>3. <b>Title of the project: Studies of Graphite filled Polymer Composites</b> Funding agency- BVDUCOE and MITCOE Pune Amount- Technical support Duration- 2015 - 2016 Status- completed</li> </ol>
<b>Books / Book chapters</b>	<p><b>Book:</b></p> <ol style="list-style-type: none"> <li>1. H. Salih, <b>S.N. Shinde</b>, Reactive extraction of lactic acid with TBP,</li> </ol>

<b>Published</b>	<p>first ed., Lambert Publishing house, 2012. (ISBN 978-3-8383-4494-2)</p> <p>2. <b>S N Shinde</b>, K S Kulkarni, Process Plant operation, Chintan Publication 2008 ( ISBN 81-89194-15-1)</p>
<b>Professional Memberships</b>	<p>1. ISTE</p>
<b>Workshop/ Seminar/ Conference attended</b>	<ol style="list-style-type: none"> <li>1. Participated in AICTE ATAL Academy sponsored FDP on “Computer Science and Biology ” organized by PVPIT, Budhagaon, 18-22 January 2021</li> <li>2. Participated in a workshop on “Modeling and Simulation of Heat Transfer Equipment using Aspen Plus” organized by PVPIT, Budhagaon, 16-20 March 2021</li> <li>3. Participant in International conference on Innovative thinking in science and Technology 23 February 2021, Yashwantrao Mohite College of Arts, Science and Commerce BV(DU) Pune.</li> <li>4. Participated in a workshop on "Intellectual Property Rights (IPR) Awareness :Patent Drafting and Filing" organized by R and D cell in association with Brainiac IP solutions, Pune, 23-25 July 2020 (Online mode)</li> <li>5. Participated in workshop on “Advances in Separation Techniques” Sinhgad College of Engineering, Pune, 24<sup>th</sup> &amp; 25<sup>th</sup> January 2019.</li> <li>6. Two days seminar on “Environment and Green Technologies for Sustainable Development” AISSMS College of Engineering, Pune, 18<sup>th</sup> &amp; 19<sup>th</sup> January 2019.</li> <li>7. Participated in workshop on “Assessment and Evaluation Under Outcome Based education ” organized by NITTTR, Kolkata, 10-14 June 2019.</li> <li>8. Participated in workshop on “Industrial revolution through green technology” at D Y Patil College of Engineering, Kolhapur, 9-15 December 2019</li> <li>9. Seminar on Coal to Chemicals organized by joint venture of IIT Bombay and IICHE-MRC on 24 February 2018.</li> <li>10. TEQIP-II sponsored workshop on “Mind Power” BVUCOE September 2014</li> <li>11. Participant in International Symposium on Chemical Reaction Engineering ISCRE -23, Bangkok, (September 2014)</li> <li>12. Participant in CHEMCON, Chandigarh University (December 2014)</li> </ol>

<p><b>Achievements/Honors</b></p>	<p>(1) Research paper was selected as a <b>cover page for Industrial and Engineering Chemistry Research</b> for February issue, volume 56, 5, 2017.</p> <p>(2) Post graduate student guide of Bharati Vidyapeeth University, College of Engineering for Chemical Engineering programme</p> <p>(3) <b>Key Note Speaker</b> 'Tectonic Extravaganza' National Event at Sinhgad College of Engineering Pune. February 2020</p>
<p><b>Extra Activities</b></p>	<p>(1) Organizer workshop on "Applications of MATLAB" in association with Centre for Development of Advanced Computing (C-DAC), Pune, 18-19 May 2018.</p> <p>(2) Convener for National workshop on "Advances in effluent treatment : an industrial perspective" organized by B.V.D.U.C.O.E. Pune, 5-6 October 2018</p> <p>(3) Session Chairman at Sanvargam- 016: A National Conference on Energy and Environment, Pune (2016) held at Bharati Vidyapeeth University College of Engineering Pune.</p> <p>(4) Departmental Alumni Coordinator</p> <p>(5) Paper Presentation Coordinator and Judge Bhartiyam 2018</p> <p>(6) Internal Judge Project Competition under Institute Innovation cell BV(DU)COE-Pune held in 2019-20.</p>