

	Name	Dr. Mrs. Veena Anand Shinde					
	Designation	Associate Professor					
	Qualification	M.E., Ph.D., Chemical Engineering					
	AICTE ID	I-419538659					
	Date of joining	1 August 1996					
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	Email ID	vashinde@bvucoep.edu.in					
	Experience	Teaching :	21 Years	Industry :	-	Research:	5 Years
	Area of Interest	Heat Transfer, Artificial intelligence based nonlinear modeling and stochastic optimization of chemical processes					
	Total no. of Publications	International Journal (s):	7		National Journals (s) :	7	
International Conference (s):		2		National Conference:	1		
Research Publications Details (Last five years)	<p>International Journal:</p> <ol style="list-style-type: none"> Patil-Shinde, V., Kulkarni, T., Kulkarni, R., Chavan, P. D., Sharma, T., Sharma, B. K., Tambe, S. S., and Kulkarni, B. D. (2014). Artificial intelligence-based modeling of high ash coal gasification in a pilot plant scale fluidized bed gasifier. <i>Industrial & Engineering Chemistry Research</i>, 53(49), 18678-18689. Patil-Shinde, V., Saha, S., Sharma, B. K., Tambe, S. S., and Kulkarni, B. D. (2016). High Ash Char Gasification in Thermo-Gravimetric Analyzer and Prediction of Gasification Performance Parameters Using Computational Intelligence Formalisms. <i>Chemical Engineering Communications</i>, 203(8), 1029-1044. Verma, D., Goel, P., Patil-Shinde, V., and Tambe, S. S. (2016, January). Use genetic programming for selecting predictor variables and modeling in process identification. In <i>IEEE explore, 2016 Indian Control Conference (ICC)</i> (pp. 230-237). IEEE. (ISBN: 978-1-4673-7992-2), doi: 10.1109/INDIANCC.2016.7441133. Goel, P., Saurabh, K., Patil-Shinde, V., and Tambe, S. S. (2016). Prediction of API Values of Crude Oils by Use of Saturates/Aromatics/Resins/Asphaltenes Analysis: Computational-Intelligence-Based Models. <i>SPE Journal</i>. Patil-Shinde, V., Mulani, K. B., Donde, K., Chavan, N. N., Ponrathnam, S., and Tambe, S. S. (2016). The Removal of arsenite [As (III)] and arsenate [As (V)] ions from wastewater using TFA and TAFA resins: Computational intelligence based reaction modeling and optimization. <i>Journal of Environmental Chemical Engineering</i>, 4(4), 4275-4286. Patil-Shinde, V., Tambe, S. S. (2017). Genetic programming formalism for prediction of vapor-liquid equilibrium. <i>CALPHAD</i>, 60, 68-80. Chavan, P. V., Thombare, M. A., Bankar, S. B., Kalaga, D. V., Patil-Shinde, V. Novel multistage solid-liquid circulating fluidized bed: Hydrodynamic characteristics. <i>Particuology</i>. <p>National Journal:</p> <ol style="list-style-type: none"> Shinde, V., Kadam, K. V. (2013). Technologies for the control of sulphur dioxide emissions from coal /pet coke fired boiler. <i>Int. J. Eng. Res. Technol.</i>, 2, 2104-2112. Saini, S. K., Shinde, V. (2012). Energy conservation and efficiency calculation 						

	<p>chemical process plant. <i>J. Eng. Res. Studies</i>, 330-334.</p> <p>3. Mahajan, P., Thomas, D., Mayadevi, Shinde, V.(2012). Adsorption of toluene and m-xylene on ZSM-5 under reaction conditions. <i>Int. J.Adv.Chem.Eng.Technol.</i>, 11-16.</p> <p>International Conference:</p> <p>1. D.Verma, P.Goel, V.Patil-Shinde, S.S. Tambe, Use genetic programming for selecting predictor variables and modeling in process identification. Indian Control Conference'16, 4-6 January 2016, IIT Hyderabad.</p>
Research Projects	<p>Title of the project: Phase equilibria studies for multi-component system.</p> <p>Funding agency: All India Council for Technical Education (AICTE), India</p> <p>Amount: Rs. 10.5 L</p> <p>Duration: 2006 - 2009</p> <p>Status: Completed</p>
Professional Memberships	<p>1. IChE; LM-35670</p> <p>2. ISTE; LM-49176</p>
Workshop/ Seminar/ Conference attended	<p>1. Training programme on "Application of MATLAB", National Water Academy Pune, (March 2013).</p> <p>2. TEQIP-II sponsored workshop on "Personal effectiveness and career progression", B.V.D.U.C.O.E. Pune, (March 2013).</p> <p>3. TEQIP-II sponsored workshop on "Preparation for NBA Accreditation", B.V.D.U.C.O.E. Pune, (September 2013).</p> <p>4. TEQIP-II sponsored workshop on "Leadership for Teaching Faculty", B.V.D.U.C.O.E. Pune, (August 2014).</p> <p>5. Indian Control Conference'16, IIT Hyderabad, (January 2016).</p> <p>6. Resource person - 'National workshop on artificial neural network (ANN) and data modeling' Vishwakarma Institute of Technology (VIT), Pune, (March, 2017).</p>
Achievements	<ul style="list-style-type: none"> • Award: Recipient of 'Career Award for Young Teachers' by All India Council for Technical education (AICTE) New Delhi, India, in the year 2005-06, with the research grant of Rs. 10.5 lakh. • Completed Ph.D. from CSIR-National Chemical Laboratory, Pune
Extra Activities	<p>1. Coordinator for Training and Placement</p> <p>2. Coordinator for expert lecture organization</p> <p>3. Member, Board of Studies, Chemical Engineering, BVUCOE.</p> <p>4. Faculty in-charge for Heat Transfer Laboratory.</p> <p>5. Organizing committee member - National conference: SANVARGAM – 2016</p>