


## **PROFILE**

<b>Name</b>	<i>Dr. Mushtaque A. S. Shaikh</i>
	<p><b>Designation:</b> Associate Prof., Dept. of Pharmaceutical Chemistry</p> <p><b>Specialization:</b> Pharmaceutical Chemistry</p> <p><b>Qualifications:</b> B. Pharm., M. S. Pharm., PhD(Tech.)</p>
<b>Academic Experience</b>	<p>11 years; Worked as an Assistant professor at Bombay College of Pharmacy, Santacruz, Mumbai</p> <p>Since October 2017; Associate Prof. at VES College of Pharmacy, Chembur, Mumbai</p>
<b>Publications</b>	<p>Research articles in peer reviewed journals : 23</p> <ul style="list-style-type: none"> <li>• National: 02                      International: 21                      Review articles : 2</li> <li>• National: 01                      International: 11                      Book chapters: 01</li> </ul>
<b>Area of Specialization</b>	<ul style="list-style-type: none"> <li>• Computer aided drug design, homology modelling, docking, pharmacophore modelling, QSAR, molecular dynamics, quantum mechanics</li> <li>• Synthesis, characterization and purification of NCE, important synthetic intermediates, drug impurities and metabolites</li> </ul>
<b>Research Interests</b>	<ul style="list-style-type: none"> <li>• Design, synthesis and evaluation of novel anti-infective agents</li> <li>• Modelling drug-drug interaction or drug-adjuvant interaction</li> <li>• Synthesis and purification of important synthetic intermediates, drug impurities and metabolites</li> <li>• Developing and validation of simple analytical methods for biological molecules and xenobiotics</li> <li>• Traditional and Microwave synthesis of drug candidates and scale up of the reactions</li> </ul>
<b>Awards</b>	<ul style="list-style-type: none"> <li>• <b><i>Best Emerging Scientist in Drug Discovery</i></b>” Award at Focus INDIA-2006 Conference on Pharmaceutical R&amp;D Efficiency – Integrating Strategic Partnership at Ramoji Film City, Hyderabad, INDIA</li> </ul>
<b>Scientific &amp; Professional affiliation</b>	<ul style="list-style-type: none"> <li>• Approved UG and PG teacher (Pharm. Chem.) of University of Mumbai; No. of M. Pharm students guided: 17</li> <li>• Registered Pharmacist, Maharashtra State Pharmacy Council</li> <li>• Reviewer of national &amp; international journals such as Indian Journal of Pharmaceutical Sciences, Medicinal Chemistry Research</li> </ul>
<b>Grants</b>	<ul style="list-style-type: none"> <li>• University of Mumbai : 2010-11 (Rs. 20,000) , 2015-16 (Rs. 22,000)</li> <li>• Co-PI for Department of Biotechnology 2017-18 (Rs. 22,06,800/-)</li> </ul>
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