


## **PROFILE**

<b>Name</b>	Miss <i>CHAITALI VIBHAKAR SURVE</i>
	<p><b>Designation:</b> Assistant Professor</p> <p><b>Specialization:</b> Pharmaceutics</p> <p><b>Qualifications:</b> M. Pharm. (2014). Pursuing Ph.D.</p>
<b>Academic Experience</b>	<b>4 years 9 months (till date)</b>
<b>Publications</b>	<ul style="list-style-type: none"> <li>• Reviews: 05</li> <li>• Presentations at international and national conferences: 05</li> <li>• Conferences/Seminars/Workshops Attended: 09</li> </ul>
<b>Area of Specialization</b>	<p><i>Formulation and Development of Novel Drug Delivery Systems, mainly:</i></p> <ul style="list-style-type: none"> <li>• Orally disintegrating drug delivery system.</li> <li>• Targeted drug delivery system.</li> <li>• Oral Controlled release drug delivery system.</li> <li>• <b>Molecular and Cell Biology:</b> Isolation and estimation of genomic and plasmid DNA; gel electrophoresis and SDS-PAGE; enzyme assay; study of cancer cells and effect of various drugs on it.</li> <li>• <b>Bioprocess engineering and Nanotechnology:</b> synthesis of Lipid nanoparticles, optimization and up scaling.</li> <li>• <b>Bio-separation:</b> Basics of separation and purification methods; various types of chromatography.</li> <li>• <b>Animal and medical biotechnology:</b> Cell line culture; MTT assay; Pharmacokinetics and testing effect of nanoparticles in mice model.</li> </ul>
<b>Awards</b>	<ul style="list-style-type: none"> <li>• Successfully filed a <b>complete patent application entitled “Novel Oral drug delivery system for the treatment of allergic asthma”, Controller of patents, patent Office, Mumbai, 2013, Inventors for the patent are Dr. Supriya Shidhaye, Ms. Chaitali Surve. (Application No: 1341/ MUM/ 2013)</b></li> <li>• <b>The Research project entitled “Combinational ODT: A novel approach for the treatment of allergic asthma” secured second rank at state level in Inter- University research Convention, Avishkar 2014, among 19 Universities across Maharashtra.</b></li> <li>• <b>Successfully Filed a complete patent application entitled “NOVEL ORAL LIPID BASED FORMULATIONS AND</b></li> </ul>

	<p><b>PROCESSES OF PREPARATION THEREOF”, Controller of patents, patent Office, Mumbai, 2015 Inventors for the patent are <i>Dr. Supriya Shidhaye, Ms. Ruchi Singh, Ms. Chaitali Surve, Ms. Bhagyashree Parab.</i> (Application No: 1679/ MUM/ 2015)</b></p> <ul style="list-style-type: none"> <li>• <b>Principle Investigator, Biotechnology Ignition Grant (BIG), for the project entitled “Design and evaluation of novel lipid based formulations of some anti-cancer drugs for metronomic chemotherapy”</b></li> <li>• <b>Worked as principle investigator in collaboration with Dr. G C Kundu, Scientist G, Shantiswarup Bhatnagar Awardee, and National Centre for Cell Science (NCCS), Pune on a project entitled “Design and evaluation of novel formulations of some anti- cancer drugs for metronomic chemotherapy.”</b></li> <li>• <b>Indo-UK research project entitled “ To study the bio distribution of radiolabeled nanoparticles in rat model” in collaboration with the University of Central Lancashire, United Kingdom and Comparative Oncology Program &amp; Small Animal Imaging Facility, Advanced Centre for Treatment, Research &amp; Education in Cancer (ACTREC), Tata Memorial Centre, Mumbai.</b></li> </ul>
<b>Scientific &amp; Professional Affiliation</b>	<ul style="list-style-type: none"> <li>• Registered Pharmacist, Maharashtra State Pharmacy Council</li> </ul>
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