


**Faculty profile: 2023-24**

1	<b>Name</b> <b>Dr. Sushruta Rahul Mulay</b>	<b>Photo</b> 
2	<b>Email id:</b>	shushrutamuley@vivapharmacy.org
3	<b>Education Qualification:</b>	M. Pharm, Ph.D.
4	<b>Work experience:</b>	23 years
5	<b>Area of specialization:</b>	Pharmaceutics
6	<b>Subject taught:</b>	Biopharmaceutics, Pharm Engineering, Industrial Pharmacy-I (T & P) and Industrial Pharmacy-II (T), PP-I (T &P) PP-II (T & P).
7	<b>Membership of professional bodies with Reg. No (IPA/APTI or any)</b>	Member of APTI, Maharashtra State (MA/LM-1727).
8	<b>Training programmes / workshops/conferences attended</b> <ol style="list-style-type: none"> <li>1) Presented the poster at Two day ICMR Sponsored Symposium on “Recent trends in Nutraceuticals” held at St. John Institute of Pharmacy &amp; research, Palghar, from 17th -18th Jan 2014.</li> <li>2) Participated in One day Seminar &amp; Workshop on “ Formulation development concept with EUDRAGIT and RESOMER” range of polymer and Practical Demonstration of HotMelt Extrusion, Spray Drying and pellet coating, by EVONIK on 6th October 2017.</li> <li>3) Participated in Seminar on “Biologics and Biosimilar” Organized by VIVA Institute ofPharmacy, on 9th February 2019.</li> </ol>	
9	<b>List of presentations</b>	

	<p>1. Topical hydrogel of an anti-inflammatory drug in treatment of arthritis, ICMSI, R.K. University, Rajkot, Gujarat. Nov 2020</p> <p>2. Design, development and evaluation of nutraceutical formulation of aloe vera with coenzyme Q10, ITM Baroda University, 21 Oct 2021.</p> <p>3. Excipients conference NCPEX and APTI Gujarat Branch Pharmaceutical Excipients: Formulation Backbone Builders' on May 6 &amp; 7, 2022. R.K. University, Rajkot</p> <p>4. Poster Design, Development and Evaluation of sustained release formulation for recurring lice infections, IADDCR, Chitkara University, Punjab. April 2023.</p>
<b>10</b>	<p><b>Research publications</b></p> <p>1. Quality control study in various nutraceutical aloe vera formulations, Mulay S., Ogale S. Acta Scientific Pharmaceutical Sciences, Volume:2 Issue 8, August 2018</p> <p>2. Development of liquid oral formulation of aloe vera with phoenix dactylifera Mulay S., Ogale S. Indian Pharmacist, Volume: XVI, No.04, July-August 2018</p> <p>3. Design Development and Evaluation of Nutraceutical Formulation of NEEMALOVA Indian Pharmacist Sep oct 2019 XVII 05.</p> <p>4. Formulation and evaluation of ivermectin emulgel product in product phenomenon Indian Pharmacist Nov Dec 2019 Volume: XXVII, No.06,</p> <p>5. Design and Development of topical hydrogel in treatment of arthritis Indian Pharmacist Volume XIX (2) March April issue 21 page 45 to 50.</p> <p>6) Microneedles assisted enhancement of transdermal delivery of curcumin through organogel Formulation IJPSDR, 2023, 15(3), 277-284.</p>
<b>11</b>	<p><b>Grants Received:</b></p> <p>1. SSIP (Students Startup and Innovation Program) grant from R.K. University ₹10,000 in the year 2021, Topic: Quality by Design aided modified release non oral delivery system of an anti-inflammatory drug.</p> <p>2. Mumbai University Minor Research Grant: ₹40,000. Topic: Development of Topical Formulation in treatment of Arthritis in the year 2019.</p>
<b>12</b>	<p>Book Published</p> <p>-</p>

<p><b>13</b></p>	<p>Achievements or awards / patents etc</p> <ol style="list-style-type: none"> <li>1) Second Prize: Quality and authenticity study of marketed health drink formulations of nutraceuticals at SJIPR, Palghar in Jan 2014.</li> <li>2) Poster presented at 66<sup>th</sup> IPC Hyderabad, 2015. Title - ‘Quality Control of some commercial health drinks of <i>aloe vera</i> with respect to bioactive polysaccharide- acemannan’.</li> <li>3) 13<sup>th</sup> Avishkar Competition-2018 Selected in second round. Topic: Neemalova a nutraceutical formulation.</li> <li>4)Third Place: Excipients conference NCPEX , and APTI Gujarat Branch Pharmaceutical Excipients: Formulation Backbone Builders on May 6 &amp; 7, 2022. R.K. University, Rajkot</li> <li>5)Indian Drugs (IDMA) Best Paper Award 2014 for a review article, ‘<i>Aloe Vera</i>– Nutraceutical to Pharmaceutical’; published in the Indian Drugs March 2014 issue</li> <li>6) Theme selected for 10 th Pharma vision 2021-22 a national level seminar at SRI Campus Vadasama, Mahesana, and Gujarat. Theme: “Indian Pharmacist-Serve Society Serve Nation”.</li> </ol>
<p><b>14</b></p>	<p>Any other Information-</p> <p>GPAT Qualified: Yr. 2019, Marks:153/500, Percentile:97.02</p>