



Name	Dr Sushruta Rahul Mulay
Designation	Associate Professor
Educational Qualification	M. Pharm (Pharmaceutics), PhD, PG Diploma in Regulatory affairs
Work Experience	23 years
Email	sushruta.mulay@hkcp.edu.in, sushrutamulay@gmail.com
Area of Specialization	NDDS, Nutraceuticals, Parenterals
Industrial experience	6 yrs
Subjects taught	Industrial Pharmacy1 and 2, NDDS, Biopharmaceutics, Herbal drug technology, Microbiology, Physical Pharmaceutics 1 and 2, Pharm Engineering, Pharmaceutics, Cosmetics, Biotechnology, Modern Pharmaceutics and CADD (M Pharm)
Awards, Credentials, Professional affiliations	Credentials: GPAT Qualified: Yr. 2019, Marks:153/500, Percentile:97.02 Awards: <ol style="list-style-type: none">1. Indian Drugs (IDMA) Best Paper Award 2014 for a review article, ‘Aloe Vera–Nutraceutical to Pharmaceutical’; published in the Indian Drugs March 2014 issue.2. Second Prize: “Quality and authenticity study of marketed health drink formulations of nutraceuticals at SJIPR, Palghar in Jan 2014”.3. Third Prize Excipients conference NCPEX and APTI Gujarat Branch Pharmaceutical Excipients: Formulation Backbone Builders on May 6 & 7, 2022. R.K. University, Rajkot.4. Third Prize: Oral presentation- Advanced Pegylation in the development of antihyperlipidemic drug- Ezetimibe at NCIP 2025, Nirma University, Ahmedabad.5. Theme selected for 10th Pharmavision 2021-22 a national level seminar at

SRI Campus Vadasama, Mehasana, and Gujarat. Theme: Indian Pharmacist-Serve Society Serve Nation.

6. cocurricular: Published article in Reader's Digest November 2014 issue
7. Delivered a talk on Women Empowerment on International Women's Day at VIVA Institute of Technology, Virar, On International Women's Day.

Evaluator:

1. Pharmacad -GPAT coaching classes 7 th anniversary oral presentation Competition on July 2024
- 2.External: Students research projects of final year in Ideal College of Pharmacy, Wada, May 2024.
- 3.Internal: Students research projects of final year at VIVA Institute of Pharmacy 2023, 2025.
- 4.Paper Setter: Mumbai University, Amity University

Oral Presentations:

- 1.Topical hydrogel of an anti-inflammatory drug in treatment of arthritis, ICMSI organized by R. K. University, Rajkot. Nov 2020
2. Design, development and evaluation of nutraceutical formulation of aloe vera with coenzyme Q10, ITM Baroda University, 21 Oct 2021.
3. Excipients conference NCPEX and APTI Gujarat Branch Pharmaceutical Excipients: Formulation Backbone Builders on May 6 & 7, 2022. R.K. University, Rajkot. Third Place.
- 4.MPCON 2024, on 30 Aug 2024 MAHE Manipal, Karnataka. Development and Evaluation of modified Drug Delivery System of Piroxicam through Topical Route
5. NCIP 2025: Nirma University, Ahmedabad, Advanced Pegylation in the development of antihyperlipidemic drug- Ezetimibe at, Nirma University, Ahmedabad.

Poster Presentations:

1. "Quality and authenticity study of marketed health drink formulations of nutraceuticals at SJIPR, Palghar in Jan 2014".
2. Poster presented at 66 th IPC Hyderabad, 2015.
- 3."Quality Control of some commercial health drinks of aloe vera with respect to bioactive polysaccharide- acemannan".
4. Selected in second round. Topic: Neemalova a nutraceutical formulation. 13th Avishkar Competition-2018.
- 5.Design, Development and Evaluation of sustained release formulation for recurring lice infections, IADDCR,Chitkara University, Punjab. April 2023.
- 6.Development of modified release systems of antiinflammatory drug APTICON 2024 Bhuvaneshwar

Research Grants Received

	<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> <p>Professional affiliation: Member of APTI MA/LM 1727</p>
No. of papers published	15
No. of presentations	12
Academic Projects	<ol style="list-style-type: none"> 1. 2019-20: Design and development of topical formulation with nsaid-Piroxicam in combination with curcumin. 2. 2020-21: Pluoronic lecithin organogels (plo)-an effective topical and transdermal drug delivery system 3. 2022-23 Design and development of organogel of anti-inflammatory drug-piroxicam 4. 2023-24: Design and development of novel drug delivery formulation for anti-inflammatory drug-Tolfenamic acid 5. 2024-25: Advanced pegylation in the development of antihyperlipidemic drug-Ezetimibe 6. 2025-26: Liposomal drug delivery of Tinidazole for local treatment of vaginitis.
Training programs / workshops/seminars /conferences attended	<ol style="list-style-type: none"> 1) Participated in One day Seminar & 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. 2) Participated in Seminar on “Biologics and Biosimilar” Organized by VIVA Institute of Pharmacy, on 9th February 2019.