

Profile of Principal

Name :	Dr. (Mrs.) Sudha Rathod
Designation:	Principal
Organization:	Oriental College of Pharmacy, Sanpada, Navi Mumbai
Date of Joining:	20/10/2010
Total years of teaching experience:	24
Total years of industry experience and /or research experience:	10
Total years of experience as Principal:	23
Areas of specialization	M.Pharm: Pharmaceutics Ph.D: Pharmaceutical Technology
Current areas of research	Pharmaceutics and Pharmaceutical Technology
Diploma in Yoga	Dr. H.S. Gour University, Sagar
M. Pharm research students guided	38 students
Ph.D. students guided	02 students
No. of Patents	02

Major contributions in the growth & development of the institutes

Sr. No	Name of the Institute & Place	Your contribution	Awards/Recognitions
1.	Oriental College of Pharmacy, Sanpada, Navi Mumbai.	Introduction of P.G. Courses in Three different branches namely Pharmaceutics in 2011-12	Recognised and approved by AICTE, PCI and University of Mumbai.
2.	Oriental College of Pharmacy, Sanpada, Navi Mumbai.	M.Pharm. in Pharmacology and Quality Assurance in 2013-14	Recognised and approved by AICTE, PCI and University of Mumbai
3.	Oriental College of Pharmacy, Sanpada, Navi Mumbai.	CII Survey of Industry Linked Technical Institute by GOVT., AICTE	Gold Category 2017
4.	Oriental College of Pharmacy, Sanpada, Navi Mumbai	NIRF Ranking of Technical Institutes by MHRD 2018 to 2020.	Band rank 76 to 100
5.	Oriental College of Pharmacy, Sanpada, Navi Mumbai	Introduction of Ph.D. Course in Pharmaceutics in 2018	Recognized by University of Mumbai.
6.	Oriental College of Pharmacy, Sanpada, Navi Mumbai.	Increase in intake from 60 to 100	Recognized by PCI, DTE, and University of Mumbai.
7.	Oriental College of Pharmacy, Sanpada, Navi Mumbai	University Toppers, every year, in UG and PG	Every year two or more students are getting first

			or second positions in the University.
8.	Oriental College of Pharmacy, Sanpada, Navi Mumbai	Introduction of free of cost GPAT classes in the college to improve GPAT scores of students in the competitive exams.	Approximately 50 % students are securing admissions in P,G. Courses including large numbers of students admitting in NIPER
09.	Oriental College of Pharmacy, Sanpada, Navi Mumbai	Organizing National and International level Scientific Conferences	Grants received from Govt. Organization.
10.	Oriental College of Pharmacy, Sanpada, Navi Mumbai	100% placement of students	Students who wish to serve after Graduation are getting 100% placement due to active placement cell.

Professional Awards/Honours received

Year	Name of award/Honour	Name of organization
1985	Awarded Junior Research Fellowship	University Grants Commission
1991	Awarded Senior Research Fellowship	University Grants Commission
2014	Best Alumni of the year Award	C.U. Shah College of Pharmacy, SNDT Womens' University, Mumbai.

Research Projects Handled

Sr. No	List of funded Projects	Funding Agency (Govt. or Corporate)	Project Value	Year start	Year end
1.	Analytical Method Development of Herbal Drugs.	Corporate :Reannon Pharmaceuticals	Rs. 70000/	2018	2019
2.	Animal studies of Ayurvedic Formulations.	Corporate :Sandu Pharmaceuticals	Rs. 50000/	2014	2015
3.	Animal studies of Cosmoceutical Formulations.	Govt: Indian Institute Of Technology, Powai, Bombay	Rs.1,50000/	2015	2016
4.	Pharmaceutical Product Development	Corporate: Dr. Ayushi Mogra, Director,Suraj Bicycles PVT. LTD.	Rs..15000/	2016	2016
5.	Design and Evaluation of Anti aging Cream	Govt: University of Mumbai	Rs.30,000/	2006	2007

6.	Formulation and Evaluation of Tretinoin Gel	Govt: University of Mumbai	Rs.25000/	2007	2008
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Co-curricular and professional activities

Sr. No.	Details
1	International Conference on Indo- European Perspectives in Pharmaceutical Drug Development, organised by Oriental College of Pharmacy from 20 th to 22 nd Nov 2012
2.	Two Days National Symposium on “Phyto-Zoo- Medicine and Ayush Therapy: Total Health Management” from 21 st to 22 nd Feb ’14.
3.	One Day Seminar on “Current Scenario of Pharmaceutical Quality Assurance” on 14th Feb 2015.
4.	Seminar on “Emerging Strategies in Controlled Drug Delivery System” on 12 th Feb 2011
5.	One Day seminar was organized on “Advancement in Pharmaceutical Technology” on 17 th September 2016
6.	Seminar on “Advances in Analytical Techniques” on 9 th sep’2017
7.	Faculty Development Programme on “Pitching a Convincing Research Proposal” on 30 th Nov 2018
8.	Organized Prof. Javed Khan Lecture Series on “Relevance for Pharmacist to Cosmetic Industry” on 30 th Aug’2019
9.	Organized one week e- Faculty Development Programme in association with University of Mumbai, “Advancement in Pharmaceutical Education” from 6 th July 2020 to 11 th July’ 2020.
10.	Webinar organized on “Biodegradable polymers for Advanced Medical Applications” for the faculties as well as the students was delivered by the speaker ‘Dr. Subhashis Chakraborty’ on 15 th May 2020.
11.	Webinar organized on “Quantification of HPTLC” for the faculties as well as PG students was delivered by the speaker ‘Mr. Sushant Mallick’ on 8 th June 2020.
12.	Organized 7 days session on “Advancement in Pharmaceutical Education” for the faculties as well as the PG students, which was delivered by 14 speakers from 6 th July to 11 th July 2020.
13.	Webinar organized on “Stay motivated for success” for the students was delivered by the speaker “Dr. Subhashis Chakraborty’ on 19 th Sept 2020.
14.	Organized webinar on “Data Analysis using MS Excel” for the faculties, supporting staffs and the PG students was delivered by the speaker ‘Mr. Saurabh Kapoor’ on 19 th Sept 2020.
15.	Webinar organized on “Immunological assay” for the faculties as well as the PG students was delivered by the speaker ‘Dr. Dhanjit K. Das’ on 23 rd March 2021.
16.	One day National Level Webinar organized on “Insight and Challenges of Covid-19 Research, Treatment and Vaccine Development” for the delegates from National and International origin involving UG and PG Pharma students,

	faculties, scientists, etc was delivered by the speakers ‘Dr. B Dinesh Kumar’ and ‘Dr. Uddhav Chaudhari’ on 3 rd July 2021.
17.	Webinar organized on “Advancements in Wet Granulation” for the faculties as well as the students was delivered by the speaker ‘Mr. Ameesh Shukla’ on 28 th August 2021.
18.	Webinar organized on “Modified Excipients: Adding Functionality to Excipients” for the faculties as well as students was delivered by ‘Dr. Sameer Padhaye’ on 25 th Sept 2021.
19.	Seminar organized on “Computer Aided Drug Design: An Overview” for the faculties as well as the students was delivered by the speaker ‘Dr. Prashant Kharkar’ on 18 th Sept 2021.

Membership of Professional bodies

Name of the Professional Body	Status of Membership: Life/Annual
Association of Pharmaceutical Teachers of India	Life Membership
Indian Pharmaceutical Association	Life Membership
Indian Society of Technical Association	Life Membership
Registered Pharmacist - Pharmacy council of India	Life Membership

Publication – National and International

Sr. No	Publication
1.	Sudha Rathod, Nutan Rao, Shefali Dobani “ Cancer – An Introduction and Recent Advances in Anti Cancer Drugs”, published in World Journal of Pharmaceutical Research. ISSN 2277-7105, vol 5, issue 7,488-505.
2.	Sudha Rathod, Rasika K, Asish D. In Vitro released and in vivo tissue localization of 5-fluoro Uracil loaded Microspheres , International Journal of Pharmacy and Pharmaceutical Sciences, Vol 6 issue 1, 2014, ISSN- 0975-1491.
3.	Sudha Rathod, Prerana Vengurlekar “Microspheric In-Situ Gel for Ocular Drug Delivery System of Bromfenac Sodium” International J. Of Pharm Science and Research(IJPSR), ISSN :0975-9492, Vol 5 no. 04 April 2014, Pg. 179-185.
4.	Rathod S.,Surve GD,Phansekar M, Bhagwan A, IJPRS , “A Review on Mouth Dissolving Film Technology”, Vol-3 I-1, 2014, ISSN No. 2277-7873.
5.	Sudha Rathod, Pheansekar M., Bhagwan A., Surve G.,A Rewiew on Mouth Dissolving Tablets,in Indian Drugs 50(11) November 2013

6.	Sudha Rathod, Rasika Kumbhar, et al. "Development and Evaluation of Curcumin Liposomal Gel," IJAPR, ISSN : 2230-7583
7.	Sudha Rathod and S.G. Deshpande in Bioavailability Studies of ocular gels of Pilocarpine Microspheres. International Journal of Pharm. Tech Research CODEN (USA) : IJPRIF ISSN : 0974 – 4304 Vol. 2, No2. PP 1022-1029, April-June 2010.
8.	Sudha S. Rathod, S.G. Deshpande, Dhiraj S. Nikam and Mudra S. Rathod. Design and Evaluation of Drug Loaded Erythrocytes. International Journal of Pharm. Tech. Research CODEN (USA) : IJPRIF ISSN : 0974-4304. Vol.2, No. 2, PP 1550-1557, April – June 2010
9.	Sudha Rathod and S.G. Deshpande, Design and evaluation of Liposomic formulation of Pilocarpine Nitrate, Indian Journal of Pharm. Sci, March – April 2010, 72(2) : 155-160.
10.	Sudha S. Rathod, S.G. Deshpande, Dhiraj S. Nikam and Mudra S. Rathod. Albumin microspheres as an ocular Delivery system for pilocarpine nitrate, Indian Journal of Pharm. Sci. Vol. 70, Issue (2) PP 193-197 March – April 2008.
11.	Evaluation of Antiulcer Activity of Aqueous Extract of Capparis Moonii on Albino Rats, Dr. Vanita Kanase, Mr. Diptesh T. Patil, Mr. Gauresh Dhotre, Mr. Krish Jain, Ms. Shruti Shettigar, Mr. Rahul Gupta, Dr. Sudha Rathod, World Journal of Pharmacy and Pharmaceutical Science, Volume 7, Issue 1, 2018, 873-883.
12.	Evaluation of Anti-Inflammatory and Anti-Pyretic Activity of Ethanolic Extract of Capparis Moonii in Albino Rats, Dr. Vanita Kanase, Mr. Diptesh T. Patil, Ms. Shruti Shettigar, Mr. Rahul Gupta, Mr. Gauresh Dhotre, Mr. Krish Jain, Dr. Sudha Rathod, European Journal of Biomedical and Pharmaceutical Sciences, Volume 5, Issue 1, 2018, 464-469.
13.	Philadelphia B.V. Denzil Colaco, Imtiyaz Ansari, Dr. Sudha Rathod, Dr. Vanita Kanase. Evaluation of skeletal Muscle Relaxant Activity of Ethanolic Extract of the leaves of Costus pictus D. Don in swiss Albino Mice January 2018 Vol : 11, Issue :2
14.	Arifa Atif Kadiri, Imtiyaz Ansari, Vanita Kanase, Sudha Rathod Determination of laxative activity with content of Anthraquinone Glycosides from Methanolic

	Leaves extract of Clerodendrum Serratum ISSN 2320 – 0782 V4 – (I10) PG (19-30) International Journal of Pharmacy and Integrated Life Sciences.
15.	Analytical Method Development and Validation for the Simultaneous Estimation of Ambroxol Hydrochloride and Guaiphenesin in Syrup Dosage form by RP-HPLC Azhar Kamal Khan, Dr. Vandana Jain, Ojaswi Ghadge, Dr. Sudha Rathod, International Journal of Pharmaceutical Research, 2017, 9 (4): 8-11, ISSN 0975-2366 (Scopus Indexed Journal)
16.	A brief review on phytochemical and pharmacological profile of Guazuma tomentosa, Dr. Vanita Kanase, Dr. Sudha Rathod, Mr. Yogesh Chaudhary, Mr. Imtiyaz Ansari, International Journal of Pharmacological Research, Volume 7, Issue 11, 2017, 214-220.
17.	Rathod Sudha, Shrutika Gavas, Review article on Current Approaches in Buccal Drug Delivery System, in on line journal, ISSN 2394-0859.
18.	Development and validation of Inductively Coupled Plasma Atomic Emission Spectroscopy [ICP-AES] Analytical method for estimation of Cisplatin in biological samples, Dr. Shruti Wagle, Dr. Darshana Jain, Dr. Sudha Rathod, Dr. Rajani Athawale, Dr. Amrita Bajaj, Indian Journal of Pharmaceutical Education and Research, 52(1), Jan-Mar 2018, S46-S52.
19.	Seema Desai, Sudha Rathod, Priyanka Chauhan, Ankita Dhumal, 'Preparation and Evaluation of Oral stomach specific In Situ Gelling Emulsion of Piroxicam' American Journal of Pharm tech Research, 2016, 6(3), 664-682.
20.	Ankita Dhumal, Dr. Sudha Rathod, Jagruti Karanjavkar, 'Buccal Route as a novel delivery route', American Journal of Pharm tech Research, 2016, 6(3), 43-69.
21.	Vandana Jain et.al, Analytical method development and validation for the simultaneous estimation of Terbutaline sulphate and Guaiphenesin in tablet dosage form by RP-HPLC, Mohd Shadab Shaikh, Vandana Jain, OJaswi Ghadge and Sudha Rathod, Der Pharma Chemica, 2016, 8 (19):70-75.
22.	Shelfali Barkat Dobani, Dr. Nutan Rao and Dr. Sudha Rathod, Cancer; an introduction and recent advances in anticancer drugs, World Journal of Pharmaceutical Research, 2016, Volume 5, Issue 7, 488-505.(ISSN:2277-7105)
23.	B.Snehlatha, D. Gauri Shankar, and Sudha Rathod, Development and Validation of HPLC/MS/MS Method for the determination of Albuterol in human plasma,

	Pharmacophore(an international Research Journal) , ISSN 2229-5402, Vol 5, Issue 5, sep-oct 2014
24.	Asmita Singh , Sudha Rathod, International Journal of Pharm.Sciences and Research(IJPSR), “Design, Development and Characterization of Liposomal Neem Gel”, Vol 5 ,Issue.04 Apr 2014, ISSN:0975-9492.
25.	Snehalatha B, Gowri Sankar D, Sudha Rathod, Pharmacophore, “ Development and validation of a HPLC/MS/MS method for the determination of Albuterol in human plasma” Vol 5 Issue 5, 2014 ISSN:2229-5402
26.	Sadaf Momin,Sudha Rathod etc., Development, Validation and stability study for simultaneous Estimation of Metformine and Sitagliptine by RP-HPLC in bulk and Marketed Formulation,IJAPR, ISSN: 2230-7583, vol.4 issue 5/1796-1802,May 2013.
27.	Munira Momin, Sudha Rathod, S.K. Kar, Taste Masking techniques for bitter drugs –an overview, International Journal of Pharm Tech, July – 2012, Vol.4, Issue No.2, 2100-2118.
28.	Ganesh Deshmukh, Sudha Rathod, Asish Dev, et.al, Patient Compliant Ophthalmic Dosage form of Gatifloxacin, International Journal of Pharma Tech research, Vol.4, No. 3, pp 1033-1040, July-Sept 2012.

Presentation – National and International

Sr. No	Presentation
1.	Poster presentation entitled pilocarpine Bioavailability from Ophthalmic Microspheres Gels at Controlled Release Conference Seattle Washington, U.S.A. (Aug 1995).
2.	Oral presentation entitled pilocarpine Bioavailability from charged liposomes at 46th Indian pharmaceutical Congress, Bangalore (Dec 1994).
3.	Oral presentation entitled preparation and evaluation of pilocarpine microsphere at 44th Indian Pharmaceutical Congress (Dec 1994).

4.	Poster presentation entitled comparative release of pilocarpine microspheres nitrate from Liposomes and Microspheres at 50th Indian Pharmaceutical Congress (Dec 1988).
5.	Oral presentation entitled Design and In – Vitro evaluation of Drug loaded erythrocytes in National Conference on Sun Rising Technologies November 2005.
6.	5-Flurouracil Loaded Albumin Microsphere,Design, characterization and invitro Release in Indo-European Perspective in Pharmaceutical Drug Design, Nov’ 2012.
7.	A poster presentation on Liver Cancer in Inter Disciplinary Pharmaceutical Research: IDPR 11.
8.	Transferrin and its Applications In Drug Delivery,IDPR-34.
9.	Anti-microbial liposomal gel of Curcuma Longa,Ayush Res-11.
10.	Oral presentation on Castor Oil Nano Emulgel in National conference organized by SPKTM’s NMIMS University, Mumbai.
11.	Hair growth preparation of Minoxidil and castor oil as emulgel in the seminar and poster presentation held at Oriental College of Pharmacy, Sanpada, Navi Mumbai, on 9th Sep, 2017.
12.	Innovative Approach of Formulation of Atorvastatin as GRDDS in the seminar and poster presentation held at Oriental College of Pharmacy, Sanpada, Navi Mumbai, on 9th Sep,2017.