

1. Name: Dr. Sandeep Prakash Patankar**2. Educational qualification:**

Course	Institute	Year of passing
Ph.D.(Tech.)	Prin. K. M. Kundnani College of Pharmacy, Mumbai	2004
M. Pharmacy	Prin. K. M. Kundnani College of Pharmacy, Mumbai	1996
B. Pharmacy	Bombay College of Pharmacy, Mumbai	1994

3. Experience:

Academic:

Tenure	Post	Institute
Jan 2007 – till date (10.5 years)	Associate Professor(presently)	BVCP, Navi Mumbai
Aug 1998 - Aug 2000 (2 years)	Lecturer	Prin. K. M. Kundnani College of Pharmacy, Mumbai

Industrial:

Tenure	Post	Organization
Aug 2006-March 2005 (1.5 years)	Research Executive in Formulation R&D	Unichem Laboratories Ltd., Jogeshwari, Mumbai, India
Nov 1997-Sept 1996 (1 year)	R&D Executive	Uttam Pharma Labs Pvt.Ltd., Vashi, New Mumbai, India

4. Students guided till date:

M. Pharm	Ph. D.
17	-

5. Publications:

- 1) Karandikar, S., Mirani, A., Waybhave, V., Patravale, V., Patankar, S. Chapter 10: Nanovaccines for Oral Delivery-Formulation Strategies and Challenges. In book: Nanostructures for Oral Medicine, Edition: 1st, Publisher: Elsevier, Editors: Ecaterina Andronescu, Alexandru Grumezescu, 263–293(2017). [ISBN: 978-0-323-47720-8]<https://doi.org/10.1016/B978-0-323-47720-8.00011-0>
- 2) Mirani, A., Patankar, S. and Kadam, V. Risk-based approach for systematic development of gastroretentive drug delivery system. Drug Deliv. and Transl. Res. 6: 579-596 (2016). doi:10.1007/s13346-016-0315-x.(Impact Factor 3.094).
- 3) Shah, A., Varma, C., Patankar, S. Kadam, V. Plant Glycosides and Aglycones Displaying Antiproliferative and Antitumour Activities – A Review. Current Bioactive Compounds.9(4): 288-305 (2013).
- 4) Mirani, A., Patankar S., Borole V., Pawar A., Kadam V. Direct Compression High Functionality Excipient using Coprocessing Technique: A Brief Review. Current Drug Delivery. 8(4): 426-435 (2011).

6. Presentations:

- 1) Presented a poster entitled 'Colloidal Carrier Based Delivery For Azole Antifungals : R&D Success And Failures-Can Batch To Continuous Process Provide A Business Solution?'(July 25-27, 2017 , 15th Annual Congress of International Drug Discovery Science and Technology - Japan 2017,organized by BIT Group Global Ltd., held at Hyatt Regency, Osaka, Japan).
- 2) Presented a poster entitled 'Dermal And Intravaginal Retention By Microemulsion Based Drug Delivery Approach For Azole Class Of Api To Achieve Their Sustained And Enhanced Antifungal Activity'(19th-20th February 2016, 15th International Symposium on "Advances in Technology and Business Potential of New Drug Delivery Systems", organized by Controlled Release Society-Indian Chapter, held at ICT, Mumbai-400 019, India).
- 3) Co-authored a poster presentation entitled 'Lipid Nanoparticulate Based Drug Delivery For Enhanced Antifungal Activity: Can Batch To Micro-Continuous Process Provide A Business Solution?' (19th-20th February 2016, 15th International Symposium on "Advances in Technology and Business Potential of New Drug Delivery Systems", organized by Controlled Release Society-Indian Chapter, held at ICT, Mumbai-400 019, India).
- 4) Co-authored a paper (Oral presentation) entitled "Design and optimization of a nanocarrier based herbal-combination therapy formulation for acne treatment" in the Scientific session of ICETCPS-2013 and 1st Convention of ICCP held at JNTUA, Ananthapuram during 28th to 30th June 2013 in collaboration with Science-Tech Foundation, Bengaluru.
- 5) Co-authored a Poster presentation entitled "Microemulsion-based gel formulation of Etodolac for topical delivery" at :INDO-US Joint Symposium on nanomedicine : Prospects and Challenges organised by Department of Pharmaceutical sciences and Technology, Institute of Chemical Technology (ICT), Mumbai, Dated: 14- 15, November2011.
- 6) Co-authored a Poster presentation entitled "Theoretical Modelling of Drug Release and Optimization of Sustained Release Floating Matrix Tablet of Diltiazem Hydrochloride", at 11th International Symposium on Advances in Technology & Business Potential of New Drug Delivery System, organized by Controlled Release Society- Indian Chapter ,dated : 16th and 17th Feb 2011.

7. Grants received:

Sr. no	Year	Topic	Agency	Amount
1.	2013-14	Design and assessment of a nanocarrier based formulation of Tioconazole for antifungal therapy	University of Mumbai	Rs. 35,000/-
2.	2010-11	Development and Evaluation of a Microemulsion Based Topical Formulation	University of Mumbai	Rs. 15,000/-

8. Awards and Achievements:

- a) **Filed patent** application for complete specification titled "Pharmaceutical formulations containing microemulsion of antifungal agents" and the patent application number is 3270/MUM/2013.
- b) Delivered a research talk as an *Invited Speaker* on '**Risk Based Approach for Systematic Development of Gastroretentive Drug Delivery System**' at the 15th Annual Congress of International Drug Discovery Science and Technology - Japan 2017 (IDDST-Japan 2017) having a theme-Dedicated to Accelerating Drug Innovation (Session number 401 : **Novel Drug Delivery Systems and Formulation**) which was held during July 25-27, 2017 in Osaka, Japan. (Note: The conference had representation from around 54 countries with about 400 attendees).
- c) **Recipient of Best Poster Award and further selected for oral presentation among a total of 113 posters** (Poster entitled '**Lipid Nanoparticulate Based Drug Delivery For Enhanced Antifungal Activity: Can Batch To Micro-Continuous Process Provide A Business Solution?**', presented at an International conference of CRS-IC during 19th-20th February 2016, held at ICT, Matunga, India).
- d) Our Review based publication "Plant Glycosides and Aglycones Displaying Antiproliferative and Antitumour Activities – A Review". Current Bioactive Compounds, 2013, Vol. 9(4):288-305, has been **uploaded on official You Tube site of Bentham Science Publishers** as a **PODCAST** and has scored above 800 views upto now.
The official link to view the **PODCAST** is <https://youtu.be/tu-J1pCtUWw>.
- e) As part of Scientific scrutiny skills have identified an error in text matter in one of the article on '**Generic Product development of Topical dermatologic product**' published in AAPS Journal [2013 Jan; 15(1):41-52] and communicated it to the Editor-in-Chief.
The error has been addressed in the journal and necessary rectification has been incorporated
- f) As part of Scientific scrutiny skills have identified an error in monograph of '**Calcium gluconate injection IP**' (2014) and communicated it to the IP Commission, Govt. of India. *Received a correspondence from the above office that the matter is under Consideration.*
- g) Member of **Review panel** of Elsevier Science Publishers.
- h) As part of **Industry-Institute-Interaction** assignment completed a referencing work for one of the product of an established Indian company. Regarding the same we received a strong letter of appreciation from its Medical Advisor stating that the references favourably reflect the product's therapeutic edge vis-à-vis its competitor product brand.