



Curriculum Vitae

Personal Information

Name : Sanjay B. Patil
Father's Name : Shri. Bhivasan M. Patil
Date of Birth : October 28, 1976
Citizenship : Indian

Home Address : House No. 2440, "Nathanjana", Mahatma Phule
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Office Address: Assistant Professor
Shri Neminath Jain Brahmacharyashram's
SHRIMAN SURESHDADA JAIN COLLEGE OF
PHARMACY (PG Course)
Jain Gurukul, Neminagar, At/p. Tal. CHANDWAD
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Degrees

2010 ***Doctorate in Pharmacy (Ph.D.), AWARDED (2010)***
The M. S. University of Baroda, Sayajigunj, Vadodara-390001.
Thesis in Pharmacy (Pharmaceutics): "*Formulation and Evaluation of Nasal Mucoadhesive Drug Delivery System of Some Cardiovascular Drugs*"
Place of Work: Pharmacy Department, Faculty of Technology and Engineering, The M.S. University of Baroda, Kalabhavan, Vadodara-390001.

2003 ***Masters Degree in Pharmacy (M. Pharm.), First Class (2001-03)***
The M. S. University of Baroda, Sayajigunj, Vadodara-390001. With Pharmaceutical Technology as a subject of specialization.
Place of Education: Pharmacy Department, Faculty of Technology and Engineering, The M.S. University of Baroda, Kalabhavan, Vadodara-390001.

1998 *Bachelors Degree in Pharmacy (B. Pharm.), First Class (1994–98)*
North Maharashtra University, Jalgaon.
Place of Education: DCS' s A. R. A. College of Pharmacy, Nagaon, Dhule.

Teaching Experience

2009 – Till Date **Currently** working as Assistant Professor of Pharmaceutics at Shri Neminath Jain Brahmacharyashram' s Shriman Sureshdada Jain College of Pharmacy (PG Course), Jain Gurukul, Neminagar, At/p. Tal. Chandwad, Dist. Nashik - 423 101.
(From August 2009 to Till Date).

2005 – 2006 Worked as a Lecturer (Senior Scale) at DCS' s A. R. A. College of Pharmacy, Nagaon, Dhule.
(From June 2005 to July 2006).

2003 – 2005 Worked as a Lecturer at DCS' s A. R. A. College of Pharmacy, Nagaon, Dhule.
(From Jan. 2003 to May 2005).

1998 – 2001 Worked as a Lecturer at DCS' s A. R. A. College of Pharmacy, Nagaon, Dhule.
(From August 1998 to May 2001).

Research Experience

2009–Till Date Teaching and guiding Post–graduate students of Pharmaceutics branch.

2006–2009 Research Scholar for Ph. D. at Pharmacy Department, The M.S. University of Baroda, Kalabhavan, Vadodara.

2001–2003 Worked on M. Pharmacy project for the partial fulfillment of degree of M. Pharmacy (partly by paper and partly by thesis) at Pharmacy Department, The M.S. University of Baroda, Kalabhavan, Vadodara.

Research Interest

Formulation and Development of Novel Drug Delivery Systems

Mucoadhesive Drug Delivery Systems

Microparticulate Drug Delivery System

Techniques

Formulation of microparticulate delivery systems by various methods.

Particle size measurements using size analyzer.

Mucoadhesive strength determinations.

Volunteer work

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| Nov. 2009 | Delivered a Lecture on “Microencapsulation” to post graduate students of the M. Pharm. (Pharmaceutics) Programme at DCS’ s A. R. A. College of Pharmacy, Nagaon, Dhule. |
| Jan. 2004 | Delivered a Lecture on “Preformulation Studies” to graduate students of the B. Pharm. at S. S. Patil College of Pharmacy, Chopda, Dist. Jalgaon. |
| Nov. 2003 | Delivered a Lecture on “Introduction to Dosage Forms” to graduate students of the B. Pharm. at S. S. Patil College of Pharmacy, Chopda, Dist. Jalgaon. |

Services Offered

Reviewer for following journals:

1. International Journal of Biomedical and Pharmaceutical Sciences.
2. International Journal of Green Pharmacy, and
3. International Journal of Pharmaceutical Sciences and Nanotechnology

Services at the Home and Other University Level

1. Member of Sub committee (Subject Expert – Pharmaceutics) for framing syllabus of B. Pharmacy of North Maharashtra University, Jalgaon in 2006.

2. Examiner for Post Graduate Practical Examinations of Pharmaceutics conducted by North Maharashtra University, Jalgaon.
3. Examiner for Post Graduate Practical Examinations of Pharmaceutics conducted by Pune University, Pune.
4. Examiner for Graduate level Practical Examinations of Pharmaceutics conducted by University of Pune.
5. Examiner for Graduate level Theory and Practical Examinations of Pharmaceutics conducted by North Maharashtra University, Jalgaon.

Memberships and Affiliations

Life Member : Association of Pharmacy Teachers of India, MA/LM 475.

Publications

Peer-reviewed research papers:

1. Pankaj P. Amrutkar, **Sanjay B. Patil**, Abhijeet N. Tadarwal , Manoj A. Wagh, Parag D. Kothawade, Rajendra K. Surawase. Design and evaluation of taste masked chewable dispersible tablet of lamotrigine by melt granulation. *International Journal of Drug Delivery*, 2, 188–196, 2010.
2. **Sanjay B. Patil**, Anil K. Babbar, Rashi Mathur, Anil K. Mishra, and Krutika K. Sawant. Mucoadhesive chitosan microspheres of carvedilol for nasal administration. *Journal of Drug Targeting*, 18 (4), 321–331, 2010.
3. **Sanjay B. Patil** and Krutika K. Sawant. Development, optimization and *in vitro* evaluation of alginate mucoadhesive microspheres of carvedilol for nasal delivery. *Journal of Microencapsulation*. 26(5), 432–443, 2009.
4. Avani R. Gosai, **Sanjay B. Patil** and Krutika K. Sawant. Formulation and evaluation of oro dispersible tablets of ondansetron hydrochloride by direct compression using superdisintegrants. *International Journal of Pharmaceutical Sciences and Nanotechnology*. 1(1), 104–111, 2008.

5. **S. B. Patil** and R. S. R. Murthy. Preparation and *in vitro* evaluation of mucoadhesive chitosan microspheres of amlodipine besylate for nasal administration. *Indian Journal of Pharmaceutical Sciences*. 68(1), 64–67, 2006.
6. H. S. Mahajan, **S. B. Patil**, S. G. Gattani, B. S. Kuchekar. Rapidly disintegrating tablets for elderly patients. *The Pharma Review*, October, 49–51, 2005.
7. **Sanjay B. Patil** and R. S. R. Murthy. Comparison of mucoadhesive strength of mucoadhesive tablets of amlodipine besylate for buccal and nasal mucosa. *The Pharma Review*, October, 94–96, 2003.

List of Reviews/Reports

1. **Sanjay B. Patil** and Krutika K. Sawant. Mucoadhesive microspheres: a promising tool in drug delivery. *Current Drug Delivery*, 5(4), 312–318, 2008.
2. H. S. Mahajan, **S. B. Patil**, S. G. Gattani, B. S. Kuchekar. Targeted drug delivery systems. *Pharma Times*, 39(2), 19–21, 2007.
3. **S. B. Patil**, R. S. R. Murthy, H. S. Mahajan, R. D. Wagh, S. G. Gattani. Mucoadhesive polymers: means of improving drug delivery. *Pharma Times*, 38(4), 2006.
4. **S. B. Patil**, H. S. Mahajan, R. D. Wagh, B. S. Kuchekar. DOTS – a comprehensive strategy for TB control. *APTI News Letter*, July – September 2006.
5. **S. B. Patil**, H. S. Mahajan, R. D. Wagh, B. S. Kuchekar. Indian Patent: How to get it? *APTI News Letter*, April – June 2006.
6. H. S. Mahajan, **S. B. Patil**, R. D. Wagh, B. S. Kuchekar. Helicobacter pylori: a review. *The Pharma Review*, April, 55–56, 2006.
7. H. S. Mahajan, **S. B. Patil**, B. S. Kuchekar. Industry – institute interaction: today’ s need. *APTI News Letter*, January – March 2006.
8. **S. B. Patil**, H. S. Mahajan, R. D. Wagh, Krutika K. Sawant, R. S. R. Murthy. Water: importance in pharmaceutical industry. *The Pharma Review*, February, 61–63, 2006.

9. H. S. Mahajan, **S. B. Patil**, R. D. Wagh and D. B. Meshram. Knowledge and practice of mothers towards use of oral rehydration therapy in the treatment of diarrhea. *Indian Journal of Hospital Pharmacy*, Jan.–Feb., 5, 2005.
10. **Sanjay B. Patil**, H. S. Mahajan and R. S. R. Murthy. Nasal mucoadhesive drug delivery systems: an overview. *The Pharma Review*, December, 133–139, 2004.
11. H. S. Mahajan, B. S. Kuchekar, **S. B. Patil**, R. D. Wagh. Migraine headache – an update. *Pharma Times*, 36, 42–43, 2004.
12. **Sanjay B. Patil** and R. S. R. Murthy. Chitosan: today’ s pharmaceutical excipient. *Pharma Times*, 35, 12–14, 2003.

List of Book Chapters

1. **Sanjay B. Patil**. Mucoadhesive microspheres and tablets. In: Handbook of Pharmacy (Multiauthored), Editors: Dr. Gattani S. G., Dr. Gaud R. S., CBS Publications, New Delhi. **Under Review**.
2. **Sanjay B. Patil**. Size Reduction. In: Handbook of Pharmacy (Multiauthored), Editors: Dr. Gattani S. G., Dr. Gaud R. S., CBS Publications, New Delhi. **Under Review**.

Papers presented at scientific meetings, conferences and published abstracts:

1. **S. B. Patil**, A. Kaul, A. Babbar, R. Mathur, A. Mishra, K. K. Sawant. “In Vivo Evaluation of Alginate Microspheres of Carvedilol for Nasal Delivery” . Accepted for poster presentation at **FIP Pharmaceutical Sciences World Congress 2010 (PSWC 2010)** in association with **AAPS Annual Meeting & Exposition**, New Orleans, Louisiana, USA, 14 – 18 November 2010.
2. **Patil S.**, Babbar A., Mathur R., Mishra A. and Sawant K. “Chitosan microspheres of carvedilol for nasal delivery: in vivo characterization” . **XVIIth International Conference on Bioencapsulation**, Groningen, Netherlands, September 24–26, 2009.
3. **Sanjay Patil** and Krutika Sawant. “Development and in vitro evaluation of chitosan microspheres of carvedilol for nasal delivery” . **22nd Federation of Asian Pharmaceutical Association Congress 2008**, Grand Copthorne Waterfront Hotel, Singapore, 7–10 November 2008.
4. **Sanjay Patil** and Krutika Sawant. “Formulation development and in vitro evaluation of sodium alginate microspheres of carvedilol for nasal delivery” . **8th International CRS Symposium on**

Advances in Techniques and Business Potential of New Drug Delivery Systems, B V Patel–PERD Centre, **Ahmedabad**, 25–26 Feb, 2008.

5. Avani Gosai, **Sanjay Patil** and Krutika Sawant. “Formulation and evaluation of orodispersible tablets of midazolam by different techniques” . **IAPST Conference on Drug Delivery & Drug Targeting Research, Jadavpur University, Kolkata**, 19–20 Jan, 2008.
6. **Sanjay Patil** and R. S. R. Murthy. “Preparation and *in vitro* evaluation of mucoadhesive chitosan microspheres of amlodipine besylate for nasal administration” . **55th Indian Pharmaceutical Congress 2003, Chennai**, 19th –21st Dec 2003.

Papers presented as co-author

1. Amrutkar Pankaj. P., Nair Suma, Wagh M.A., **Patil S. B.** Design and Evaluation of Taste Masked Chewable Dispersible Tablet of Hydrochlorothiazide by Melt Granulation. **10th International CRS Symposium on Advances in Techniques and Business Potential of New Drug Delivery Systems**, Mumbai, 17–18 Feb, 2010.
2. Ripal Patel, **Sanjay Patil** and Krutika Sawant. “Formulation and Characterization of Microemulsion of Buspirone HCl for Intranasal Delivery” . **8th International CRS Symposium on Advances in Techniques and Business Potential of New Drug Delivery Systems**, B V Patel–PERD Centre, Ahmedabad, 25–26 Feb, 2008.
3. Deokar B. D., Kadam S. J., **Patil S. B.**, Mahajan H. S., Wagh R. D. Knowledge and Practice of Mothers towards treatment of Diarrhea in Tribal area. **55th Indian Pharmaceutical Congress 2003, Chennai**, 19th –21st Dec 2003.
4. Chauk D. S., Deokar B. D., Kadam S. J., Patil P. N., **Patil S. B.**, Mahajan H. S., Wagh R. D. A look over various brands of herbal antidiabetic drugs. **55th Indian Pharmaceutical Congress 2003, Chennai**, 19th –21st Dec 2003.
5. Chauk D. S., Patil P. N., **Patil S. B.**, Mahajan H. S., Wagh R. D. Pattern of use of oral rehydration therapy among mothers in tribal area of Dhule district. **55th Indian Pharmaceutical Congress 2003, Chennai**, 19th –21st Dec 2003.
6. Deokar B. D., Kadam S. J., **Patil S. B.**, Mahajan H. S., Wagh R. D. Drug Advertising and Brand Names: Precursors to Self Medication. **57th Indian Pharmaceutical Congress 2005, Hyderabad**, 2nd – 4th Dec 2005.
7. Rajput S. K., Kulkarni N. B., Mahajan H. S., **Patil S. B.**, Wagh R. D. Attitude of Physicians towards Clinical Pharmacy Services. **57th Indian Pharmaceutical Congress 2005, Hyderabad**, 2nd – 4th Dec 2005.
8. S. J. Kadam, D. S. Chauk, B. D. Deokar, H. S. Mahajan, **S. B. Patil**, R. D. Wagh. Study of in vitro antiplatelet activity of Enalapril. **57th Indian Pharmaceutical Congress 2005, Hyderabad**, 2nd – 4th Dec 2005.

9. D. M. Wagh, S. J. Kadam, B. D. Deokar, D. S. Chauk, **S. B. Patil**, H. S. Mahajan, R. D. Wagh. Evaluation of dose dependent efficacy of disulfiram in alcoholism. **57th Indian Pharmaceutical Congress 2005, Hyderabad, 2nd – 4th Dec 2005.**

Participations in Conferences, Symposia, Short term courses and training programmes

1. Undertaken Training in Division of Cyclotron and Radiopharmaceutical Sciences, **Institute of Nuclear Medicine and Allied Sciences (INMAS)**, DRDO, Delhi, from December 2008 to January 2009 for 1.5 months.
2. National Seminar on **“Interdisciplinary Sciences in Pharmacy (Symposium 2006)”** On 25th and 26th February 2006 at Smt. S. S. Patil College of Pharmacy, Chopda (Maharashtra).
3. **National Seminar on Diabetes** on 22nd October, 2005 at Smt. K. C. Ajmera Ayurved Mahavidyalaya, Dhule (Maharashtra).
4. AICTE/ISTE Sponsored Short Term Training Programme on **“Current Trends in Formulation Technology of NDDS”** from 1st to 15th November, 2003 at Institute of Pharmacy, Nirma University of Science and Technology, Ahmedabad.
5. **“Training Programme for Pharmacy Teachers”** on 19th and 20th November 1999 at N. D. M. V. P. Samaj’ s College of Pharmacy, Nashik.
6. **“Orientation Programme for Pharmacy Teachers”** on 31st January 1999 at N. D. M. V. P. Samaj’ s College of Pharmacy, Nashik.