

## CURRICULUM VITAE

**Dr. Upendra L Patel**  
**Registrar,**  
**Swarnim Startup & Innovation University**  
**Gandhinagar, Gujarat, India**



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### Objective

To pursue a responsible position in an institution and would like to work in a team environment for upliftment of the institution.

### Academics

Examination	Year	Board/University	Class	Percentage
<b>Ph.D.</b> <b>(Pharmaceutical Science)</b>	Oct 2010	Sardar Patel University, VV Nagar, Anand	-	-
<b>M. PHARM</b> <b>(Industrial Pharmacy)</b>	April -2006	R.G.U.H.S. Bangalore	Dist.	77.00%
<b>B. Pharm</b>	May -2003	S.G. University Surat	I <sup>st</sup>	65.86%
<b>H.S.C</b>	Mar -1999	G.S.E.B Gandhinagar	Dist	70.88%
<b>S.S.C.</b>	Mar 1997	G.S.E.B Gandhinagar	Dist	84.86%

### Work experience

SR. NO.	POST	NAME & ADDRESS OF ORGANISATION	JOINING DATE		TOTAL EXPERIENCE (Year)	
			From	To	Industrial	Teaching
1.	Production chemist	Lincoln pharmaceuticals LTD. Nr. Khataraj chokadi,	01/07/2003	09/01/2004	<b>6 months</b>	-

		Khataraj-382721				
2.	Lecturer	Arihant School of Pharmacy & Bioresearch Institute, Adalaj, Gandhinagar	24/07/2006	24/07/2011	-	05 Years
3.	Associate Professor & HOD, Department of Pharmaceutics & Pharmaceutical Technology	Arihant School of Pharmacy & Bioresearch Institute, Adalaj, Gandhinagar	25/07/2011	25/07/2016	-	05 Years
4.	Professor & HOD, Department of Pharmaceutics & Pharmaceutical Technology	Arihant School of Pharmacy & Bioresearch Institute, Adalaj, Gandhinagar	26/07/2016	09/10/2019		3 Years 2 Months
5.	Registrar	Swarnim Startup & Innovation University, Bhojan Rathod, Opp: IFFCO, Adalaj-Kalol Highway, Near ONGC WSS, Gandhinagar	10/10/2019	To till date	-	5 Years 01 Months
<b>Total</b>					<b>6 months</b>	<b>18Year 07 month</b>
<b>Total</b>					<b>18 Years 07 months</b>	

### **Present work profile (As University Registrar)**

- Supervises the registration of continuing and incoming undergraduate students, Enrollment Process, transfer of credits, degree evaluations and maintaining the Student Information System
- Ensures the integrity, accuracy, and security of all academic records of current and former students, and facilitates effective student registration process
- Partner with Admissions and Academic Advising to facilitate an efficient and timely process to move newly accepted students to registered.

- Developing and maintaining degree audit system and certification of students for graduation/graduation clearance.
- Maintains up-to-date course schedules, catalogs, final examination schedules.
- Manages efficient use of classrooms.
- Interprets and enforces academic policies and regulations of the University.
- Must keep abreast of operational and reporting trends, regulations, and technology solutions for improving the efficiency and effectiveness of the Registrar's office;
- Serves as of the officials responsible for compliance for the University.
- Develop and maintain accurate curriculum management systems and published in University Catalog.
- Plans and manages the annual budget of the Registrar's Office.
- Organize and administer the academic functions, in order to provide maximum service to students while ensuring efficient and effective workflow.
- Supervise the coordination, evaluation and certification of all graduation applications, while overseeing the complete graduation process to include all elements of the rehearsal and ceremony.
- Responsible for collecting, recording, maintaining and reporting of student records within UGC guidelines, e.g., grades, registration data, transcripts, mid-term verification, athletic eligibility and other associated audits.
- Collaborate with administrators, deans, faculty, IT and counselors to facilitate and improve services to students, including catalog and registration/records policy questions.
- Serve as ex-officio member of Academic and Administrative Committees as per the Act.

**Title of Ph.D. thesis**

“Design and Evaluation of Ocular Drug Delivery System for Controlled Delivery of Some Antibacterial Drugs”

## **Title of dissertation (M. Pharm)**

“Comparative Evaluation of Polymers for Ocular Drug Delivery System for Controlled Release of Indomethacin”

## **Professional Training**

<b>Name of Institution/Company</b>	<b>Nature of Training</b>	<b>Year</b>	<b>Duration</b>
A.R. College of Pharmacy, Vallabh Vidhyanagar, Anand	Staff Development Programme	2009	8 <sup>th</sup> June to 20 <sup>th</sup> June 2009
Shri Sarvajanic Pharmacy College, Mehsana	Staff Development Programme	2012	20 <sup>th</sup> March to 2 <sup>nd</sup> April 2012

## **Publication and Presentation**

### **Book**

1. Dispensing Pharmacy – I & Drug Store Management, Thakur Publishers, Vol 1, 2013, ISBN: 978-93-82249-32.
2. A review on Osmotic Drug Delivery; PG Dissertation Research Three Authors; LAP Lambert Academic Publishing, Germany; ISBN: 978-3-659-16816-1.

### **Research Publications**

#### **International: 07**

1. Preparation and in-vitro evaluation of mucoadhesive microspheres of Aceclofenac, *Acta Pharmaceutica Scientia* 50:101-110 (2008).
2. Design and characterization of bioadhesive microspheres prepared by double emulsion solvent evaporation method, *Acta Pharmaceutica Scientia*, 51:261-270(2009).
3. Preparation and characterization of spray-dried mucoadhesive microspheres of aceclofenac, *Drug Development and Industrial Pharmacy* 1(2009) 1–12.
4. Chitosan microsphere of aceclofenac: In vitro and In vivo evaluation, *Pharmaceutical Development & Technology*, 2010;15(5):442-451
5. Design and evaluation of polymeric ocular drug delivery system for controlled delivery of Moxifloxacin hydrochloride: *In Vitro* and *In Vivo* Evaluation, *Acta Pharmaceutica Scientia* 01/2010; 52(4):522-534.
6. Design and evaluation of ocular drug delivery system for controlled delivery of Gatifloxacin sesquihydrate, *Pharmaceutical Development & Technology*, 2012; 17(1):15-22.

7. Development and characterization of mucoadhesive microsphere for nasal delivery of ketorolac, *Pharmazie* 66:249-257 (2011).

**National: 40**

1. Formulation and evaluation of Indomethacin ophthalmic insert, *Indian J.Phram Educ. Res.* 42(3). July-Sept.2008.
2. Formulation and evaluation of drug-free patches for transdermal application, *The Indian Pharmacists*; Sept. 2008, Vol. No. 75.
3. Preparation and In-vitro Evaluation of Bioadhesive Micro particulate System, *IJPSN*; Vol.1, Issue 3, Oct-Dec 2008.
4. Formulation and *in vitro* evaluation of moxifloxacin ophthalmic inserts, *IJPR*; (2009)1(1) 23-30.
5. Designing and evaluation of Floating Microspheres of Verapamil Hydrochloride: Effect of Methocel, *Research J. Pharm. Dosage Form and Tech.* 2009; 1(1):22-28.
6. Formulation and *In Vitro* evaluation of Gatifloxacin ophthalmic inserts, *Research J. Pharm. and Tech.* 2(3): July-Sept. 2009.
7. Formulation and evaluation of transdermal patches of Glibenclamide, *IJPR*; (2009) 1(2) 34-42.
8. Preparation and evaluation of ocular inserts for controlled delivery of gatifloxacin sesquehydrate, *Int.J.Ph.Sci*, Sept-Dec. 2009, Vol 1, Issue 2, 342-352.
9. Taste masking: A novel Approach for bitter and obnoxious drugs, *JPSBR*: 1, Issue 3: Nov Dec 2011 (136-142).
10. Matrix type drug delivery system: A Review, *JPSBR*: volume 1, Issue 3: Dec 2011 (143-151).
11. Matrix Tablet: A tool of controlled drug delivery, *American Journal of Pharm.Tech Research*.2011; 1(4)127-143.
12. Neosomes and proneosomes-vasicular structured dosage form for targeted drug delivery system, *Journal of Advanced pharmaceutical Research*, 2(4)2011, ISSN 2229-3787.
13. Development and evaluation of quik and slow release Carvedilol formulation, *Research J.Pharm. and Tech.* 5(8): August 2012.
14. Pulsatile drug delivery: A review, *IJPRBS*, volume 1 (1) 2012.
15. A review on osmotic drug delivery system, *IRJP*, 3 (4) 2012.
16. SMEDDS: A dominant dosage form which improve bioavailability, *Am.J.PharmTech Res*, 2(4) 2012.

17. Transdermal drug delivery system as prominent dosage forms for the highly lipophilic drug, *IJPRBS*, 2012, Volume 1(3) 42-45.
18. Orally fast dissolving films as dominant dosage form for quick release, *IJPRBS*, 2012, Volume 1(3)27-41.
19. Aerogel- A Recent Innovation In Gel, *Am.J.PharmTech* Res.2012; 2(5).
20. Extended Release oral drug delivery system, *IJPRBS*, 2012, Volume 1(3) 1-26.
21. Formulation and evaluation of sustained release matrix tablets of candesartan cilexetil, *IJPRBS*, 2012, Volume 1(4) 75-101.
22. Nasal In-Situ Gel: A novel drug delivery system, International Journal for Pharmaceutical Research Scholars *IJPRBS*, V-1 (2), 2012.
23. Formulation and evaluation of controlled porosity osmotic pump tablets of glimepiride, *International Journal of Drug Delivery* 4(2012)113-124.
24. Formulation and evaluation of bilayered tablet of metformin hydrochloride and glimepiride, *IJPRBS*, 2012, Volume1 (6):75-87.
25. A Conceptual overview on super porous hydrogel for controlled release drug delivery, *International journal of Pharmacy and Integrated Life Sciences*, V1-(12)PG(1-13)2012.
26. Metered dose transdermal spray: novel transdermal drug delivery, *International journal of Pharmacy and Integrated Life Sciences*, V1-(12) PG (37-54), 2012.
27. Formulation and evaluation of bilayer tablet of metformin hydrochloride and glimepiride, *IJPRBS*, 2012, Volume 1(6):2012.
28. Preparation and evaluation of lamivudine microspheres with eudragit ® polymers by solvent evaporation method for lymphatic, *IJPRBS*, 2013; Volume 2 (3):89-106.
29. Biological, pharmaceutical and analytical considerations of CaCo-2 Monolayer, *RJPT*, Volume 6(4): April 2013,336.
30. Nose to brain drug delivery system: A Review, *RJPT*, Volume 6(4): April 2013,345.
31. Formulation and evaluation of bilayer gastro retentive drug delivery system of nicorandil, *International Journal of Health and Pharmaceutical Sciences*, Vol 2(1) 2013, 33-43.
32. Overview of cubosomes: a Nano particle, *International journal of Pharmacy and Integrated Life Sciences*, V1-(15) (36-47) April 2013.
33. Liquisolid compacts: A novel approach to enhance the dissolution, *Research Journal of Pharmacy and Technology*, Volume 6(3), March 2013.
34. Emulgel: a new approach for topical drug delivery, *International Journal of Pharmacy and Integrated Life Sciences*, 1(4) 2013.

35. Formulation and evaluation of immediate release tablet of immunosuppressive drug, *International journal of pharmaceutical research and bio science*. *IJPRBS*, 2(3) 2013.
36. Intelligent drug delivery system, *International Journal of Pharmacy and Integrated Life Sciences*, 1(4), 2013.
37. Formulation and evaluation of ionotropically gelled novel hydrogel beads of valsartan, *IJPRBS*, 3(2)2014.
38. Formulation and evaluation of controlled porosity osmotic pump tablets of pregabalin, *IJPRBS*, 4(2)2015.
39. Formulation and evaluation of gel containing amlexanox for mouth ulcer, *IJPRBS*, 4(2)2015.
40. Formulation and evaluation of pulsatile tablet of nebivolol for chronopharmacotherapy of hypertension, *IJPRBS*, 4(2) 2015.

### ***Poster presented***

#### **International: 01**

1. Formulation and evaluation of pulsatile release tablets of Prednisolone has been accepted for a Poster Presentation at “*International Conference and Expo on Biopharmaceutics*” Sept. 21-13, 2015 at Baltimore, USA.

#### **National: 26**

1. Formulation and evaluation of ciprofloxacin ophthalmic insert, Poster presented at 57<sup>th</sup> IPC 2005.
2. Formulation and evaluation of tramadol hydrochloride matrix tablets, Poster presented at 57<sup>th</sup> IPC 2005.
3. Preparation and evaluation of mucoadhesive microsphere of aceclofenac, Poster presented at 59<sup>th</sup> IPC Varanasi during 20<sup>th</sup> – 23<sup>rd</sup> Dec 2007.
4. Formulation and evaluation of moxifloxacin ophthalmic insert, Poster presented at “National conference on recent trend in pharmaceutical science” Nathdwara (Raj.) during 7-8 Jan.2008.
5. Formulation and *In vitro* Evaluation of Floating Tablets of Cefixime, Poster presented at “National conference on recent trend in pharmaceutical science” Nathdwara (Raj.) during 7-8 Jan.2008.
6. Formulation and evaluation of soluble ocular inserts of moxifloxacin hydrochloride, Poster presented at 61<sup>th</sup> IPC Ahmedabad during 11<sup>th</sup> – 13<sup>th</sup> Dec 2009.

7. Development and evaluation of quick & slow release carvedilol formulation, poster presented at Indo American Pharmaceutical Regulatory Symposium Nov. 11-13, 2011.
8. Formulation & evaluation of pulsatile release tablet of prednisolone, poster presented in “Nanocarriers: Novel Tool as Drug Delivery System” at Faculty of Pharmacy, Dharamsinh Desai University, Nadiad during 9<sup>th</sup> Feb. 2013.
9. Formulation and evaluation of controlled porosity osmotic pump tablets of glimepiride, poster presented in “Nanocarriers: Novel Tool as Drug Delivery System” at Faculty of Pharmacy, Dharamsinh Desai University, Nadiad during 9<sup>th</sup> Feb. 2013.
10. Drug release studies for medicated chewing gum, poster presented in “Nanocarriers: Novel Tool as Drug Delivery System” at Faculty of Pharmacy, Dharamsinh Desai University, Nadiad during 9<sup>th</sup> Feb. 2013.
11. Formulation and evaluation of immediate release tablet of mycophenolate mofetil, poster presented at Patent: A Promising Approach in Pharma Sector at Adalaj, Gandhinagar during 8th March, 2013.
12. Formulation and evaluation of floatable mucoadhesive tablet of cephalexin, poster presented at Patent: A Promising Approach in Pharma Sector at Adalaj, Gandhinagar during 8th March, 2013.
13. Development and Evaluation of osmotic pump tablet of glimepiride, poster presented at Patent: A Promising Approach in Pharma Sector at Adalaj, Gandhinagar during 8th March, 2013.
14. Gold nanoshell: The advancing nanotechnology to fight against cancer, poster presented at Patent: A Promising Approach in Pharma Sector at Adalaj, Gandhinagar during 8th March, 2013.
15. Floating pulsatile drug delivery system for chronotherapy, poster presented at Patent: A Promising Approach in Pharma Sector at Adalaj, Gandhinagar during 8th March, 2013.
16. Self-setting calcium phosphate cement: A novel skeletal drug delivery systems, poster presented at Patent: A Promising Approach in Pharma Sector at Adalaj, Gandhinagar during 8th March, 2013.
17. Stem cells: Technology for hope and better health care, poster presented at Patent: A Promising Approach in Pharma Sector at Adalaj, Gandhinagar during 8th March, 2013.
18. Bioboats: Advanced in atherosclerosis, poster presented at Patent: A Promising Approach in Pharma Sector at Adalaj, Gandhinagar during 8th March, 2013.
19. Fast dissolving films-A novel approach in oral drug delivery system, poster presented at Patent: A Promising Approach in Pharma Sector at Adalaj, Gandhinagar during 8th March, 2013.



20. Dissocubes-A novel approach for poorly soluble and bioavailable drug, poster presented at Patent: A Promising Approach in Pharma Sector at Adalaj, Gandhinagar during 8th March, 2013.
21. Formulation, Optimization and in vitro evaluation of immediate release films of sumatriptine succinate, poster presented in “Process Analytical Technology: Survival for Next Generation Pharma Industry” at Adalaj, Gandhinagar during 14th March, 2014.
22. Formulation and evaluation of pulsatile release tablets of ketorolac tromethamine, poster presented in “Process Analytical Technology: Survival for Next Generation Pharma Industry” at Adalaj, Gandhinagar during 14th March, 2014.
23. Formulation and evaluation of bioadhesive bilayer Buccal tablet of lercanidipine hydrochloride, poster presented in “Process Analytical Technology: Survival for Next Generation Pharma Industry” at Adalaj, Gandhinagar during 14th March, 2014.
24. Formulation and evaluation of immediate release tablet of mycophenolate mofetil, poster presented in “Process Analytical Technology: Survival for Next Generation Pharma Industry” at Adalaj, Gandhinagar during 14th March, 2014.
25. Formulation and evaluation of floating pulsatile drug delivery system of metoprolol succinate, poster presented in “Process Analytical Technology: Survival for Next Generation Pharma Industry” at Adalaj, Gandhinagar during 14th March, 2014.
26. A review on buccal drug delivery system, poster presented in “Nanoparticulate System: A Path towards Excellence in Targeted Drug Delivery at Adalaj, Gandhinagar during 12<sup>th</sup> and 13<sup>th</sup> February, 2015.

### ***Affiliation with the professional bodies/institutions/Societies***

Life member (Reg. No. 0060) of Gujarat Pharmacy Teacher’s Association (GPTA), Gujarat.

### ***Other accolades***

- Co-coordinated seminar on Patenting in Pharmacy at Arihant School of Pharmacy & Bio-Research Institute on 8<sup>th</sup> March, 2013, Sponsored by GUJCOST.
- Coordinated seminar on Nanoparticulate system: A Path towards Excellence in targeted drug delivery at Arihant School of Pharmacy & Bio-Research Institute on 12<sup>th</sup> & 13<sup>th</sup> February 2015, Sponsored by GUJCOST.
- Guided 21 M.Pharm students for their research project in department of pharmaceuticals & Pharmaceutical Technology at Arihant School of Pharmacy & Bio-Research Institute, Adalaj, Gandhinagar.

- Working as coordinator in setting up Skill Development Center of the scheme no. 2 “*Short-term Bridge Courses by Industries/Institute*” approved by The Centre for Entrepreneurship Development (CED), Government of Gujarat in the area of Pharma sector at (host Institute) Arihant School of Pharmacy & Bio-Research Institute, Adalaj, Gandhinagar.
- Registered as Ph.D guide in subject of Pharmaceutical Sciences in C.U.Shah University, Wadhwan, Surendranagar & JJT University, Rajasthan.
- Participated in 56<sup>th</sup> Indian Pharmaceutical Congress 2005 held at Hyderabad.
- Attended Annual Conference of “Indian Pharmacological Society-Gujarat Chapter” at B.J. Medical College, Ahmedabad on 8<sup>th</sup> October 2006.
- Participate in national conference on “Recent trend of research in pharmaceutical sciences” Nathdwara (Raj.), 7 to 8 January 2008.
- Attended one day conference Pharma Gesture 2009 on “Future of Pharmacist in India and Abroad” at Arihant School of Pharmacy & BRI, adalaj, Gandhinagar on 23<sup>rd</sup> Feb. 2009.
- Attended one day seminar on “Teaching Methodology & evaluation system in Pharmaceutical Education at Ganapat University, Kherava on 28<sup>th</sup> march 2009.
- Participated in 61<sup>st</sup> Indian Pharmaceutical Congress 2009, held at Ahmedabad.
- Attended two days workshop on equipment of formulation development at Nirma University, Ahmedabad on 19 to 20<sup>th</sup> august 2010.
- Attended two days workshop on “Patenting in Pharmaceutics” at GTU, Ahmedabad during 3 to 4<sup>th</sup> September 2011.
- Attended AICTE sponsored two days national seminar on “Bioavailability & Bioequivalence studies” at Ganapat University, Kherava on 26 to 27<sup>th</sup> August 2011.
- Attended Gujarat Pharmacy Teacher’s Association Meeting held at L. M. College of Pharmacy on 2<sup>nd</sup> Aug, 2012.
- Participated as delegate in two day national seminar on “Design of experiment in pharmaceutical drug product development: crucial role formulation optimization at Shankersinh Vaghela Bapu Institute of Pharmacy, Gandhinagar on 22<sup>nd</sup> & 23<sup>rd</sup> august 2013.
- Attended GUJCOST & DST sponsored one day national seminar on “Process analytical technology: survival for next generation pharma industry” at Arihant School of Pharmacy & BRI on 14<sup>th</sup> March 2014.

- Participated in two days national seminar on “Nanoparticulate system: A Path towards Excellence in targeted drug delivery” at Arihant School of Pharmacy & BRI on 12<sup>th</sup> to 13<sup>th</sup> Feb. 2015.
- Coordinated the GUJCOST & DST sponsored two days National Seminar on “Startup Ecosystem in Health Care System” at Arihant School of Pharmacy & BRI on 19<sup>th</sup> & 20<sup>th</sup> Sept. 2018.

**PERSONAL PROFILE:**

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I hereby declare that all statements made are true in the best of my knowledge and belief.



**Date: 12-07-2024**

**Dr. Upendra L Patel**

**Place: Kadi, Gujarat, INDIA**