



RESUME

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Residence-

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EDUCATIONAL QUALIFICATIONS:

Doctor of Philosophy in Pharmaceutical Sciences: From Department of Pharmaceutical Sciences, Andhra University, Visakhapatnam in the year 2007.

Master of Pharmacy: Passed with First Class with an aggregate of 64.5% from V.L. College of pharmacy, Raichur, affiliated to Gulbarga University Gulbarga, Karnataka in the year 1992.

Bachelor of Pharmacy: Passed with First Class with percentage of 66.10% from H.K.E.S's college of pharmacy, Gulbarga, affiliated to Gulbarga University Gulbarga, Karnataka in the year 1989.

TEACHING EXPERIENCE: [Total 28 years]

PRESENT EMPLOYMENT:

- **Organization:** Pravara Rural College of Pharmacy, Loni.
Designation: Principal period from 4th Jan 2014 to till date.

PREVIOUS EMPLOYMENT

- **Organization:** Pravara Rural Education Society's, College of Pharmacy (for women), Chincholi, Nashik. Maharashtra. (Affiliated to S.N.D.T. Womens University, Mumbai.)
Designation: Principal, period from 1st Jan 2008 to 3rd Jan 2014.
- **Organization :** HKES's College of Pharmacy, Gulbarga, Karnataka.
- **Designation :** Professor in the department of pharmaceutical technology
- **Period :** 15th June 1996 to 31st Dec 2007.
- Lecturer (Incharge Principal), SVE Trust's College of Pharmacy, Humnabad, Dist. Bidar from 16th August 1992 to 14th June 1996.

- Lecturer, Tipu Sultan College of Pharmacy, Gulbarga from 1st September 1989 to 30th September 1990.

SUMMARY OF EXPERIENCE:

- As a Principal having administrative knowledge of 10 years. Administrative skills like University affiliations, AICTE and Pharmacy council of India approval and related duties.
- Subjects taught (for B-pharma): Physical Pharmacy, Pharmaceutics, Dosage formulations and Pharmaceutical engineering and Dispensing pharmacy.
- Subjects taught (for M-pharma): Pharmaceutical Technology and Advances in Drug Delivery Systems
- Recognized as PG Teacher to guide the Dissertation work of M.Pharm Students by Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore from 1998-99 academic year.

Research Guide: Total Ph.Ds awarded: 05, M Pharm students guided: 28

Successfully guided 18 students for their M.Pharm Dissertation work under Rajiv Gandhi University of Health Sciences, Karnataka, and Bangalore. 10 students under SNTD womens university, Mumbai

- Formal instructions in class room and Laboratory project work and seminars
- Various examinations of the University like Squad chief, internal and External Practical Examiner, Theory evaluation, Chairman, Board of Studies etc.
- Work assigned by the management
- Attending conferences, Professional meetings and continuing education
- Attended AICTE sponsored staff development programme in advanced drug delivery systems from 09-10-2000 to 21-10-2000 at University college of Pharmaceutical sciences, Kakatiya University, Warangal. A.P.

Ph.D Research and Development:

Awarded Doctorate degree from Andhra University, Visakhapatnam in June 2007 in Pharmaceutical Sciences.

Dissertation work

Dissertation work entitled “Design and Evaluation of Gastric Floating Drug Delivery Systems for the Controlled release of Ciprofloxacin hydrochloride” under the guidance of **Prof. K.V. Ramana Murthy**, Andhra University, Visakhapatnam. Designed and developed a new gastric floating dosage forms of Ciprofloxacin using different Polymers and studied invitro and invivo floating ability and invitro Dissolution Studies and evaluated various Pharmacokinetic parameters in Human volunteers.

- Member of the Association of Pharmaceutical Teachers of India. KA-LM/155.
- Registered Pharmacist, Karnataka state Pharmacy Council, Bangalore.

No.28061 dated 08.06. 2000.

RESEARCH PUBLICATIONS:

1. “Spectrophotometric determination of Carvedilol in Pharmaceutical dosage forms”, Journal of Pharmaceutical research Vol.4, No.2, April 2005 p 31-32.
Ali M.Y., Swamy P.V., Hiremath S. N. and Appala Raju S.
2. “Comparative evaluation of Disintegrants by formulating Cefixime Dispersible tablets”, Indian Journal of Pharm. Educ. Res. 39(4) Oct-Dec 2005, P194-197.
S.T. Bhagawati , S.N. Hiremath & S.A. Sreenivas.

3. "Dissolution enhancement of Valdecoxib by preparation of inclusion complexes with β -cyclodextrin" Drug lines 8(2) April 2006, p 1-5.
Hiremath S. N., Nitan Bharti, Swamy P.V. Raju S. A.
4. "Formulation and evaluation of Cefadroxil Dispersible tablets" The Pharma review, Feb2006, p136-139.
S.T. Bhagawati , S.N. Hiremath & S.A. Sreenivas.
5. "Spectrophotometric determination of Abacavir Sulphate" ,The Indian Pharmacist, Aug 2006, p 91-92.
K.V. Ramanamurthy, S.N.Hiremath & S. Applala Raju.
6. "Formulation and evaluation of sustained release matrix tablets of Metformin Hydrochloride", Indian Drugs 44(1), Jan 2007, p51-53.
Hiremath S. N., Neelima K., Swamy P. V., Singh P. , Shirsand S. B. & Raju S. A.
7. "Preparation and evaluation of Chitosan Buccal films of Diltiazem hydrochloride", Indian Drugs 44(2), Feb 2007, p137-139.
Swamy P. V., Singh P.,Hiremath S. N., Neelima K., Shirsand S. B. & Raju S. A.
8. "Design and in vitro evaluation of Sustained release mini- matrices by extrusion", Indian Journal of Pharm. Educ. and Res, vol. 41 (2), Apr-Jun 2007, p 129-134.
Swamy P. V., Ali M.Y., Hiremath S. N., Shirsand S. B. , Patil S. D.& Raju S. A.
9. Design and in- vitro evaluation of controlled release matrix tablets of verapamil hydrochloride, Drug lines 9 (1 & 2) May 2006 – June 2007, Page 37– 41.
Hiremath S.N., Sunil Firangi , Farhart Fatima, swamy P. V. , Raju S. A. & Shirsand S.B.
10. Improved dissolution rate of valdecoxib inclusion complexes with hydroxypropyl- β -Cyclodextrin, Indian Journal of Pharmaceutical Sciences, 69 (3) May –June 2007, P. 442-445 ,S.N.Hiremath, N. Bharti, P.V. Swamy and S.A. Raju.
11. Design and in vitro evaluation of hydrodynamically balanced systems of famotidine, Indian Drugs, 44(10), October 2007, P.767-771
Hiremath S.N., Farhat F., Swamy P.V. & Ramanamurthy K. V.
12. Preparation and evaluation of inclusion complexes of carvedilol, Journal of Scientific and industrial research, Vol. 66, October 2007, P. 832-834.
Saurabh Bhutaqni, S.N.Hiremath, P.V. Swamy and S. A. Raju
13. Prepration and in vitro evaluation of mucoadhesive Microcapsules of atenolol, Indian Journal of Pharmaceutical Education and research, 41(4), Oct. – Dec. 2007, P. 358-364
Swamy P. V. , Hada Amit , Shirsand S. B. , Hiremath S. N. & Raju S. A.
14. Dissolution enhancement of glicalzide by preparation of inclusion complexes with- β -cyclodextrin, Asian Journal of Pharmaceutics, Vol. 2, Issue–1, 2008, P. 73-76
S.N. Hiremath, R.K. Raghavendra, F.Sunil, L. S.Danki, M. V. Rampure , P. V. Swamy, U. V. Bhosale.
15. Formulation and Optimization of Gastric floating drug delivery system of atenolol using 3^2 full factorial design, Indian Drugs, 45 (4) April 2008 P. 293-300
Swamy P. V. Bhosale U.V., Hiremath S. N. , Shirsand S. B., Raju S. A.
16. Improved Dissolution characteristics of Lovastatin by inclusion in β CD and HP β CD
Research J. Pharm and Tech 2 (1) Jan. – Mar 2009
Ashok Malpani, S. A. Raju and S. N. Hiremath
17. Orodispersible tablets of Carbamazepine prepared by direct compression method usng 3^2 factorial design., Swamy P. V., Shahidulla S. M., Hiremath S. N. , Shirsand S. B., Md. Younis Ali., Dhaka Univ. J. Pharma. Sci. 7(1), 1-5, 2008 (June).
18. Studies on influence of co-exciipient on release rate of diltiazem from carbocol controlled release matrix tablets, Hiremath S.N., Jitendra Patil, NIjaguni R and Swamy P.V., Indian J. Pharma. Edu. Res. 43(4), Oct-Dec-2009
19. Evaluation of Diclofenac potassium microcapsules by temperature change and non-solvent addition Shivanand k., Swamy P.V. and Hiremath S.N. ,The Indian pharmacist,Dec-2007.

20. Synthesis and evaluation of some new quinoxaline derivatives for their antimicrobial activity. J.S. Pattan, S.R. Pattan., N.S. Dighe, C.K. Hariprasad. S.A. Nirmal and S.N. Hiremath, International Journal of Pharmaceutical Research and Development online. www.ijprd.com, IJPD/2009/PUB/ARTI/VOV-1/issue-9/Nov/001
21. Synthesis and Antidiabetic Activity of Some New Benzopyrone Derivatives, Shashikant RPattan, Nachiket S dhige, Deepak S Musunde, Vinayak M Gaware, SG Jadhav, Medha A Khade and SN Hiremath, Asian J. Research Chem. 3(1); Jan-Mar; 2010, 4-6.
22. Synthesis and Anti-Inflammatory activity of 2-Amino Substituted Benzothiazines, Shashikant RPattan, VD pujar Nachiket S dhige, Deepak S Musunde, SN Hiremath, HV Shinde and RB Laware Asian J. Research Chem. 3(1); Jan-Mar; 2010, 1-3.
23. Once-Daily sustained-Release matrix tablets of metoprolol tartrate; formulation and in-vitro evaluation, Hiremath S.N., Patil S.D., Swamy P.V. and Md. Younus Ali, Indian J. Pharma. Edu. Res. 44(1), Jan-Mar, 2010, 66-70
24. Formulation strategy for low absorption window antihypertensive agent, Ankit A. Kharia, S. N. Hiremath, A. K. Singhar, L. K. Omray & G. R. Godge, Research J. Pharm and Tech 3 (1) Jan. – Mar 2010, 113 – 117.
25. Formulation Optimization Of Mucoadhesive Buccal Tablets Of Carvedilol Using 3² Full Factorial Design, Vaidya V. R., Karodi R. S., Mohite M. T., Hiremath S. N., Godge G. R. Deccan J. Pharmaceutics and Cosmatology 1 (2) : April-June 2010, 7 – 20.
26. Studies on the preparation, Characterization and Solubility of B-Cyclodextrin-Nelfinavir inclusion complexes, Hiremath S. N., Godge G. R., Kharia A.A., Vaidya V. R., JPRHC, Volume-2, Issue-3, 2010, 279 – 284
27. Formulation and In-vitro Evaluation of Buccoadhesive Tablets Containing Ketoconazole inclusion complex with - β -cyclodextrin, Dattatreya B Udgirkar, S. N. Hiremath, K, Shrinivasa Rao and Dilip Kumar, Research J. Pharm and Tech 2 (2) Apr – June : 2009, 396 – 404.
28. Comparative evaluation of binders and disintegrants by formulating Lomefloxacin Tablets, K. P. R. Chowdhary, Lingaraj S. Danki, Hiremath S. N., Scholars Research Library, Der Pharmacia Lettre, 2010, 2(2) : 231 – 236, www.scholarsresearchlibrary.com
29. Simultaneous Spectrophotometric Estimation of Tenofovir and Emtricitabine in Tablet Dosage form. Bhirud C. H. and Hiremath S. N., Indian Drugs 47(9) Sept 2010, 72 – 75
30. Preparation and Evaluation of Sustained Release Matrix Tablets of Propranolol Hydrochloride, Shantveer V. Salger, Lingraj S. Danki, Shivanand N. Hiremath, Abdul Sayeed, International Journal of Pharma and Bio-Sciences, Vol.1/Issue-4/Oct-Dec. 2010, 227 – 241, www.ijpbs.net
31. Design and Optimization of floating drug delivery system of acyclovir, A.A. Kharia, S.N. Hiremath, A.K. Singhai, L.K. Omray and S.K. Jain, Indian Journal of Pharmaceutical Sciences, Sept-Oct 2010, 599-606.
32. Taste Abatement of Hydroxyzine Hydrochloride by Cation Exchange Resins, Pawar P.B., Wagh M.P., Hiremath S.N., Baviskar A.V and Akul M.R., Research J. Pharma. Dosage Forms and Tech. 2011;3(4);130-134.
33. Preparation and Evaluation of Ibuprofen Transdermal Patch, Rupali A Mali, Shashikant R Pattan, Hiremath S.N. Sunil A. Nirmal, Amruta M Vyakule and Ashfaq A.S., Pharmacologyonline 1:623-637 (2011).
34. Development of Validated Stability-Indicating Simultaneous Estimation of Tenofovir Disoproxil Fumarate and Emtricitabine in Tablet, C.H. Bhirud, S.N. Hiremath, Journal of Pharmacy Research, Elsevier, Vol 7, No.2 Feb. 2013, PP-157-161
35. Method development and validation for the estimation of Adefovir Dipivoxil in bulk and pharmaceutical dosage form and its stress degradation studies using UV-Vis spectroscopic method, C.H. Bhirud, S.N. Hiremath, International journal of Pharmacy and Pharmaceutical Sciences . Vol. 5, No. 3, 2013, pp. 841-850, ISSN-0976-044X
36. Development and validation of Stability indicating thin layer chromatographic densitometric determination of Abacavir, Lamivudine and Zidovudine in bulk and Pharmaceutical dosage form C. H.

37. Stability indicating RP-HPLC method for determination of Atazanavir sulphate in bulk and dosage form C.H.Bhirud, S.N.Hiremath, Drug invention today, 2013, pp 81-86
38. Application of UV-spectrophotometric method for estimation of Lamivudine in tablet form C.H.Bhirud, S.N.Hiremath, International journal of medicine and pharmaceutical Sciences Today, Vol 3 ,No. 1, 2013, pp. 39-44 ,ISSN2250-0049
39. Spectrophotometric methods for determination of Adefovir Dipivoxil in bulk and tablet, C.H.Bhirud, S.N.Hiremath, International journal of Pharma and Biosciences, Vol. 4 ,No.2 , 2013, pp 734-739,ISSN 0975-6299.
- 40 An Investigation into the Characteristics of Natural Polysaccharide: Polymer Metoprolol Succinate Tablets for Colonic Drug Delivery, G.R. Godge¹ and S.N. Hiremath, Mahidol University Journal of Pharmaceutical Sciences 2014; 41 (2), 7-21.
- 41 Development and Evaluation of Colon Targeted Drug Delivery System by Using Natural Polysaccharides/Polymers, G.R. Godge and S.N. Hiremath, Dhaka Univ. J. Pharm. Sci. 13(1): 105-113, 2014 (June).
- 42 Development and validation of a stability indicating HPLC method for the simultaneous analysis of lopinavir and ritonavir in fixed-dose combination tablets, Shivanand N.Hiremath, Charushila H.Bhirud, Journal of Taibah University Medical Sciences, 2015 (10)3/271-277
- 43 Pharmaceutical Advances in Cyclodextrin Inclusion Complexes for Improved Bioavailability of Poorly Soluble Drugs. Shivanand Hiremath, Ganesh Godge, Bhakti Sonawale and Rani Shirsath, International Journal of Pharmaceutical Sciences and Nanotechnology, Volume 8 Issue 3 July – September 2015, pp 2894-2905.
- 44 Scaling Studies of Effecting Factors* on Large Scale Production of Medicinally Active Compound in Garlic (*Allium sativum*), Rajesh Kumar Singh, Dr. S.N Hiremath, International Journal of Scientific and Research Publications, Volume 5, Issue 3, March 2015.
- 45 Interplant Quantification Of Alliin Content In Different Varieties Of Garlics (*Allium Sativum* L.) Rajesh Kumar Singh* , Dr. S. N. Hiremath** , Ulhas R. Dhuppad, Vol 5, Issue 2, 889-901, 2016
- 46 To study effect of variables and process parameters on engineering of Sertaconazole loaded solid lipid nanoparticles, Anagha Baviskar, Shivanand Hiremath, N. Devanna, World Journal Of Pharmacy And Pharmaceutical Sciences, 2015, 4(07), 1048-1073.
- 47 Influence of variables process parameters on engineering of Sertaconazole loaded solid lipid Nanoparticles, Anagha Baviskar, Shivanand Hiremath, N. Devanna, Manoj Akul, IOSR Journal of Pharmacy, 2016, 6(7), 51-63.
- 48 Standardization and phytochemical investigation of fruit extract of *Gymnospora Montana*, J Kiran Kotade, Shivanand Hiremath, Journal of Pharmacognosy and Phytochemistry 2018; 7(5): 1386-1389,
- 49 Evaluation of *Gymnospora Montana* (Celestraceae) fruit extract for antiulcer activity in rats, Kiran Kotade, Shivanand Hiremath, Asian Journal of Pharmacy & Pharmacology 2019; 5(1): 78-84.
- 50 Standardization and phytochemical investigation of *Sesamum indicum* L. seed extract, Sachin B Somavanshi, Shivanand Hiremath, Journal of Pharmacognosy and Phytochemistry, 2018; 7(4): 1293-1296.
- 51 In-vivo Evaluation of the Wound Healing Activity of the *Sesamum Indicum* L. Seed Extract in Novel Ethosomal Vesicular system, Sachin B Somavanshi, Shivanand Hiremath Journal of Drug Delivery & Therapeutics 2018; 8(5): 411- 420.
- 52 Development and Evaluation of Novel Ethosomal Vesicular Drug Delivery System of *Sesamum Indicum* L. Seed Extract, Sachin B Somavanshi, Shivanand Hiremath, Asian Journal of Pharmaceutics 2018; 12(4): 51-59

Review Articles :

- 01 Recent trends in drug research : Gastroretentive floating drug delivery systems, Asian Journal of Pharmaceutics, Vol. 1, Issue : 2-3, July –Sept.2007, P. 129-135. Swamy P.V., Bhosale U. V. , Hiremath S. N. & Purohit S
- 02 Characterization of cyclodextrin inclusion complexes- A review, Journal of pharmaceutical science and technology, Vol. 2(3), 2010, 171-183.
Ramnik Singh, Nitin Bharti, Jyotsana Madan, S. N. Hiremath.
- 03 Recent Advances in Pharmaceutical Approaches to Colon Specific Drug Delivery Inventi Rapid;Pharma Tech Vol. 2011,Issue 4
Hiremath S.N., Godge G.R.
- 04 Effect of Lipids and Surfactants on Solid Lipid Nanoparticle Engineering, Research J. Pharm. And Tech. 4(4); April 2011, 521-526.
Baviskar Anagha, Hiremath Shivanand, Akul Manoj and Pawar Poonam.
- 05 An overview of Lycopene as an Anti Oxidants &the Development of Extraction Procedure of Lycopene from Regional Guava Fruit Pharmacologyonline 1: 844-878 (2011)
S.R.Pattan V Gawade,U.D.Gharate, N.B.Wabale, R.S.Kalkotwar, S.S. Vetal, **S,N. Hiremath**
A.S.Kurhade, U.B. Shetkar
- 06 Neuraminidase Inhibitors as Promising H1N1 Antiviral Agent , Pharmacologyonline 1:653-665 (2011), R.A.Mali, S.R.Pattan S.N.Hiremath A.A.Teradale, H.S.Bhavar J.S.Pattan, Sonali Pawar, Poonam Shinde, Ganesh Umbarkar.

PERSONAL DETAILS:

Date of Birth : 22nd July 1968
Religion : Hindu (Jangam, Lingayat)
Marital Status : Married
Father's Name : Nagalingayya Hiremath

I hereby declare that the particulars furnished above are true, complete and correct to the best of my knowledge and belief.

Dr. SHIVANAND N. HIREMATH