

## CURRICULUM VITAE



**Mrs. Sheetal Dhiraj Chaudhari**

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Chinchwad.

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### Personal Information:

DOB: 31 May 1979

Marital Status: Married

### Highlights of Qualification:

**Ph.D (Pharmaceutical Chemistry): Pursuing**

PES's Modern College of Pharmacy, Nigdi, Pune

**M. Pharm (Pharmaceutical Chemistry): 2006**

At T.V.E.S.C.O.P.C.O.P, Faizpur, North Maharashtra University, Maharashtra, India.

**Post Graduate Diploma in Technical and Analytical Chemistry: 2003**

K.C.College, MSBTE, Mumbai

**B. Pharm: 2000**

R.C.Patel College of Pharmacy, Shirpur, Maharashtra, India.

### Professional Experience:

**Assistant Professor (Pharmaceutical Chemistry)**

PES's Modern College of Pharmacy, Nigdi, Pune

Jan 25 2021 to till date

**Assistant Professor (Pharmaceutical Chemistry)**

Shree Rasiklal M. Dhariwal Institute of Pharmaceutical Education and Research, Chinchwad,  
Pune.

July 2019 to April 2020

**Assistant Professor (Quality Assurance Technique)**

Alard College of Pharmacy, Marunji, Pune, Maharashtra, India

Aug. 2017- April 2018

**Assistant Professor (Pharmaceutical Chemistry)**

Shree Sureshdada Jain Institute of Pharmaceutical Education and Research, Jamner, Maharashtra, India.

Oct. 2011- Sep.2014

**Lecturer in Pharmaceutical Chemistry**

1<sup>st</sup> JUL 2006 – 30<sup>th</sup> SEP 2011, J.Z.M.D.S's College of Pharmacy, Mamurabad, Maharashtra, India.

**Visiting Faculty**

2008-09, for M.Sc. Drug Chemistry at M.J.College, Jalgaon, Maharashtra, india.

2009-10, for M.Sc. Drug Chemistry at M.J.College, Jalgaon, Maharashtra, india.

One Month at HAFFKINE AJINTHA PHARMACEUTICALS LTD., JALGAON as a trainee.

Three Months at BAYER(INDIA) LIMITED, THANE, MUMBAI as a trainee.

Approved as a Post Graduate Teacher of NMU, Jalgaon.

Worked as Local Inspection Committee Member.

Worked as Paper setter and examiner.

Worked as a Resource Person.

Registered Pharmacist: 61813

**Research Interest:**

Analytical Method Development, Optimization, Microwave Assisted Synthesis.

**Professional Skill:**

Statistical computer programming, Modern analytical techniques including, FTIR, UV HPLC, Web based education.

Delivered lectures on Pharmaceutical sciences as per approved course curriculum.

Engaged students in class discussions and seminars.

Maintained interactive classroom environment to ensure quality learning experience.

Motivate students to achieve academic goals.

Involved students in laboratory activities.

Contributed to educational publications and journals.

**Publications, Presentations, Conferences attended:**

Publications: Research Paper: 30

Books: 06

Patent Grant: 01

Presentations: 5- National, 2- International

Conferences: 32

### Professional Memberships:

Association of Pharmaceutical Teachers of India (APTI). (MA/LM-1305)

### Research activities as Research supervisor:

B. Pharm. projects Guided: 14

M.Pharm. projects Co-guided: 18

### List of Publications in national/international journals:

Sr. No.	Title of Paper	Author(s)	Name, Vol. & Year of publication.
1	Simultaneous Estimation Of Amlodipine & Atorvastatin Tablet By Spectrophotometer & HPLC Method	Patil S.V., Fegade J.D., Chaudhari R.Y., Patil V.R	Analytical Chemistry An Indian Journal, 7(1), Jan. 2008.
2	Reverse phase HPLC Method for the Analysis of Cefadroxil in pharmaceutical dosage Form	Patil S. V., S.D. Patil, B.F.Patil,	Indian Journal of Pharmaceutical Research And Development, 3(6), Aug. 2011
3	Development of AIDS Vaccines	Patil S.V., Sonal D.Patil, Manasi T.Rane	PHARMANEST, 2(4), July- Aug 2011.
4	Validated Rp-Hplc Method For Simultaneous Estimation Of Amlodipine Besylate And Clopidogrel Bisulphate In Bulk And Tablet Dosage Form	Ashwini E Patil, Shila V Devtalu, Nayana D Patil, Sheetal V Patil, Manoj M Bari, Shashikant D Barhate	International Journal of Bioassays, 2(02), Jan. 2013
5	RP-HPLC Method for Simultaneous Estimation of Gliclazide and Metformin in Their Dosage form	Bhagyashri V. Vadnere, Aarti M. Jain ,Priyanka S. Jadhav, Prof. S. V. Patil, Dr. S. D. Barhate	Journal of Pharmacy Research, 5(10), Oct. 2012

6	Systematic Development Of High Performance Liquid Chromatography & Stability Indicating Assay Method A Comprehensive: Review	Arvind R.Umarkar, S.R.Bavaskar, S.V.Patil, S.D.Barhate	International Journal of Universal Pharmacy and Bio Sciences, 2(2), March-April 2013
7	Simultaneous Estimation Of Amlodipine & Clopidogrel In Bulk & Marketed Formulation By Q-Absorbance Ratio Method	P. A. Salunke, S.V. Patil, R. S. Wagh, W.M. Shaikh, S. K. Shimpi, M.B. Raut, Dr. S.D.Barhate	Indo American Journal of Pharmaceutical Research, 3(5), May 2013
8	Mouth Dissolving Tablets: An Overview of Formulation Technology	Sheetal Patil, Poonam Salunke, Rupali Wagh	Indo American Journal of Pharmaceutical Research, 3(6), June 2013
9	Investigation Of In-Vitro Anthelmintic Activity Of Tridax Procumbans Stems	S.V.Patil, P. A. Salunke, R. S. Wagh, S.R. Gavit, R.N. Gandhi, G.A. Drakshe, Dr. S.D.Barhate	International Journal of Pharmaceutical Sciences review and Research, 21(1), Jul-Aug. 2013
10	Development And Validation Of UV- Spectrophotometric Method For Hydrochlorthiazide In Bulk Drug Using Mixed Hydrotropic Solubilisation	Shailesh Gavit, Arvind Umarkar, Sheetal Patil, Poonam Salunke	Indian Journal of Pharmaceutical Research And Development, 6(4), June 2014.
11	Analytical Method Development And Validation Of Ilaprazole In Pharmaceutical Dosage Forms	Shital S. Patil, Sheetal V. Patil, Rupali S. Wagh	World Journal of Pharmaceutical Research, 3(4), June 2014.
12	Floating Drug Delivery System: An Approach To Gastro Retention	Rupali S.Wagh, Poonam A. Salunke, Sheetal V. Patil, Shital S. Patil,	World Journal of Pharmaceutical Research, 3(4), July 2014.
13	A Green Approach: Spectrophotometric Estimation Of Atorvastatin Calcium And Amlodipine Besylate In Bulk And Pharmaceutical Dosage Forms.	Patil S.V., Wagh R. S., Umarkar A. R., Patil S.R., Gavit S. R., Barhate S. D.	Indian Journal of Pharmaceutical Research And Development, 6(7), Sept. 2014.

14.	Development And Validation Of Uv Spectrophotometric Method For Chlorthalidone In Bulk And Pharmaceutical Dosage Forms	Sapana U. Ingle, Pallavi A. Patil, Vaishali C. Kulkarni, Sheetal V. Patil, Poonam A. Salunke, Rupali S. Wagh.	World Journal of Pharmaceutical Research, 3(9), Nov. 2014
15.	Development And Validation Of UV Spectrophotometric Method For Nebivolol Hydrochloride In Bulk Drug Using Mixed Hydrotropic Solubilisation	Pallavi A. Patil, Sapana U.Ingle, Vaishali C. Kulkarni, Sheetal V. Patil, Poonam A. Salunke, Rupali S. Wagh	World Journal of Pharmaceutical Research, 3(9), Nov. 2014
16	Hyphenated Techniques: An Overview	Sheetal V. Patil, Dr. Shashikant D. Barhate	World Journal of Pharmaceutical Research, 4(2), Jan. 2015
17	Hydrotropic Solubilization: Tool for Eco-Friendly Analysis	Deepak Ghogare, Sheetal Patil	International Journal of Pharmacy and Pharmaceutical Research, 11(3), Feb.2018
18	Determination of Norfloxacin and Tinidazole in Pharmaceutical formulation by using chemometric assisted UV spectrophotometric method	Ankit Bhalachandra More, Dr. Rajendra Patil, Sheetal Patil	American Journal of Pharmatech Research, 8(4), August 2018.
19	Development and Validation of Electronic Data Recording System, Integratable with all other Systems to Create Complete Electronic documentation.	Sandeep Purkayastha, Dr. Rajendra Patil, Sheetal Patil, Jayant Mandke	American Journal of Pharmatech Research, 8(4), August 2018
20	Aliskiren: analytical review for estimation in pharmaceutical formulations.	Patil Sheetal Vikas, Nalawade Anup Kishor, Nalawade Rohit Deepak, Ghode Shweta Prashant	World Journal of Advanced Research and Reviews, 6(1), April 2020.
21	Comparative in-vitro evaluation of two brands of carvedilol uncoated tablets	Vibhavari M. Chatur, Sanjay G. Walode, Sheetal V. Patil, Hritik Patwa, Rohit Nalawade, and Anup Nalawade	World Journal of Advanced Research and Reviews, 10(02), 2021.
22	Evaluation of <i>In-vitro</i> anthelmintic potential of various extracts of emblica officinalis	Padmaja Kore, Rashmi Tantri, Anuradha More, Shweta Ghodke, Sheetal Chaudhari	International Journal of Botany Studies, 6(6),2021

23	Quantification of sildenafil citrate in bulk and dosage form by HPTLC by using hydrotropic agents	Vitthal Chopade, Pooja Wadgave, Sheetal Chaudhari, Manisha Salunkhe, Vrushali Kharate	European Chemical Bulletin, 12 (Special Issue 7), 2023
24	Eutectic Mixture: A Novel Technique To Enhance Solubility And Dissolution Rate Of Lipophilic Drugs	Salunkhe M.S, Chaudhari S.D, Shaikh K.S	Journal For Basic Sciences, 23(07)2023
25	Green Chromatography: A Boon To Analytical Chemistry	Chaudhari S.A, Chaudhari S.D, Shaikh K.S	Journal For Basic Sciences, 23(07)2023
26	Development And Validation Of UV-Visible Spectrophotometric Method For Estimation Of Telmisartan By Using Hydrotrophy Technique	Salunkhe Manisha.S, Chaudhari Sheetal .D, Shaikh K.S	High Technology Letters, 29(7),2023
29	High-Performance Thin-Layer Chromatographic Determination Of Paracetamol, Diclofenac, And Caffeinein Combined Tablet Dosage Form	Vasudha S. Bavadekar and Sheetal D. Chaudhari	International Journal of Pharmaceutical Sciences and Research, 14(8): 2023
30	Exploring Mixed Hydrotrophy Concept in HPTLC Densitometric Estimation of Telmisartan	Chaudhari Sheetal, Copade Vitthal, Bavadekar Vasudha	International Journal of Pharmaceutical Quality Assurance, 15(3), 2024

#### List of Books published:

Sr. No.	Title of Book	Publication	Authors
1.	Medicinal Chemistry-I	PV Books	Mrs. Sheetal V Patil, Mrs. Swati Patil, Dr. Sunila T Patil, Dr. Md. Rageeb Md. Usman
2.	Medicinal Chemistry-II	PV Books	Mrs. Swati Patil, Mrs. Sheetal V Patil, Dr. Md. Rageeb Md. Usman, Mrs. Surekha Shinde
3.	Practical Book Pharmaceutical Organic Chemistry-II	Global Education Limited	Mrs. Swati Patil, Mrs. Sheetal V Patil, Dr. Md. Rageeb Md. Usman.

4.	Pharmaceutical Validation	PV Books	Sheetal V Patil, Vibhavari M Chatur, Dr. MD. Rageeb MD. Usman, Priyanka V Patil
5.	Pharmaceutical Manufacturing Technology	PV Books	Vibhavari M Chatur, Sheetal V Patil, Dr. MD. Rageeb MD. Usman
6	Pharmacotherapeutics	PV Books	Ms. Rupali D. Elgire-Jinturkar, Dr. Punam R. Kela, Mrs. Sheetal D. Chaudhari

#### **Patent:**

One patent: Grant Australian Innovation Patent

Title: A method of preparation of aqueous and methanolic extract of Tamarindus Indica for antimalarial activity.

Patent Grant on date 23<sup>rd</sup> Aug. 2021.

#### **List of Specialty National/ International Seminars/ Conference/ Courses Attended:**

<b>Sr. No.</b>	<b>Duration</b>	<b>Details</b>
1	24 <sup>th</sup> Sept 2005	Workshop organized by APTI, Maharashtra, on Recent advances in Pharmaceutical Analysis at R. C. Patel College of Pharmacy, Shirpur.
2	25 <sup>th</sup> - 26 <sup>th</sup> Feb 2006	National Symposium on Interdisciplinary Sciences in Pharmacy, S.S.S.P. College of Pharmacy, Chopda.
3	11 <sup>th</sup> -12 <sup>th</sup> Jan. 2010	Two Days State Level Seminar on Recent Advances In Drug Design And Drug Discovery at SND College Of Pharmacy, Babhulgaon, Yeola, Nasik
4	12 <sup>th</sup> -13 <sup>th</sup> Jan. 2012.	National conference on Biodiversity and health hazards in changed climate at Dr. A.G. D. Bendale Mahila Mahavidyalaya, Jalgaon.
5	24 <sup>th</sup> – 25 <sup>th</sup> Feb. 2012.	AUPPC sponsored National level seminar on Recent advances in Polymer science at P.S.G.V.P. Mandal's College of Pharmacy, Shahada.
6	18 <sup>th</sup> March 2012.	State level Seminar on “Recent Advances in Drug Delivery” sponsored By APTI at Institute of Pharmaceutical Education,

		Boradi, Dhule.
7	19 <sup>th</sup> -23 <sup>rd</sup> March 2012.	Five days' Workshop on Analytical instrument Handling Institute of Pharmaceutical Education, at Boradi, Dhule.
8	6 <sup>th</sup> Oct. 2012	National Conference on Trends in Chromatography and Spectroscopic Techniques at R.C.P. Institute of Pharmaceutical Education and Research, Shirpur.
9	27 <sup>th</sup> Oct.2012	One day national seminar on Recent Advances in cGMP and Global Regulatory Affairs at S.S.S.Pharmacy College, Gandhinagar, Gujrat.
10	14 <sup>th</sup> -15 <sup>th</sup> Feb. 2013	National Seminar On Current Trends in Experimental Pharmacology at PSGVP Mandal's college of Pharmacy, Shahada.
11	16 <sup>th</sup> Feb. 2013.	National seminar on Advances in Analysis of Pharmaceuticals Dosage forms by Chromatography at Shankeraghela Bapu Institute of Pharmacy,Vasan, Gujarat.
12	16 <sup>th</sup> Mar. 2013	UGC-SAP sponsored 3rd National Conference on Recent Challenges in Pharmaceutical Sciences and Technology at Department of Pharmaceutical Technology, NMU, Jalgaon.
13	6 <sup>th</sup> -8 <sup>th</sup> Feb 2014	International Conference on Global Opportunities for Latest Developments in Chemistry and Technology-2014, NMU, Jalgaon.
14	3 <sup>rd</sup> Nov. 2017	One day Hands On Workshop On HPLC at Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune, Maharashtra.
15	25 <sup>th</sup> Nov. 2017	One Day State Level Seminar On Recent Advances in Impurity Profiling Of Pharmaceuticals at Dr. D. Y. Patil College Of Pharmacy, Pradhikaran, Akurdi, Pune, Maharashtra.
16	17 <sup>th</sup> -18 <sup>th</sup> Jan.2020	Two days national workshop on Exploring the current Advancements in Chromatographic Techniques at Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune, Maharashtra.
17	15 <sup>th</sup> -16 <sup>th</sup> Feb.2020	AICTE sponsored two days National Conference on Computer based Pharmacognosy: A new Scenario in Developing advance Phyto-therapeutic Applications. Organized by S.S.S.P. College of Pharmacy, Chopda, Maharashtra.
18	22 <sup>nd</sup> -23 <sup>rd</sup> Feb.2020	SPPU sponsored Two days National level seminar on Pharmaceutical Validation organized by PES, Modern College of



		Pharmacy, Moshi, Pune.
19	15 <sup>th</sup> May 2020	Webinar on 3D printing and its relevance in post COVID era held by Allana College of Pharmacy, Azam campus, Camp, Pune.
20	18 <sup>th</sup> -22 <sup>nd</sup> May 2020	Five days e-FDP on Building Research and Innovative Culture among Pharmacy Teachers organized by Dr. D.Y.Patil Institute of pharmaceutical sciences and Research, Pimpri, Pune in association with APTI.
21	27 <sup>th</sup> March 2021	ICSSR Sponsored One Day International seminar on “Tobacco & Tuberculosis” Organized by ADT’s Shardabai Pawar Institute of Pharmaceutical Sciences & Research Shardanagar, Baramati.
22	19 <sup>th</sup> – 24 <sup>th</sup> Apr.2021	AICTE sponsored six days STTP (slot 3) entitled Innovations in Effective Teaching, Learning Pedagogy and Research Skill Development organized by PES’s Modern College of Pharmacy, Nigdi, Pune.
23	24 <sup>th</sup> – 29 <sup>th</sup> May 2021	AICTE Sponsored Quality Improvement Program 2021 Organized by Department of Pharmaceutical Sciences & Technology, Birla Institute of Technology, Mesra, Ranchi on Recent Advances in Therapeutic Research with special emphasis on Nanomedicine.
24	31 <sup>st</sup> May – 5 <sup>th</sup> June 2021	AICTE Sponsored Quality Improvement Program 2021 Organized by Department of Pharmaceutical Sciences & Technology, Birla Institute of Technology, Mesra, Ranchi on Applications on Machine Learning in Drug Discovery and Development.
25	13th Nov.- 17 Nov. 2021	ATAL online FDP on Innovation, Startup And Entrepreneurship Management conducted by AISSMS College of Pharmacy, Pune.
26	23-24 September,2022	International conference On “Recent Innovations: A Holistic and Integrated Approach to Pharmaceutical Science”, organized by Gokhale Education Society’s Sir Dr. M. S. Gosavi College of Pharmaceutical education and research, Nashik.
27	23-25 march 2023	e-FDP on “Effective Research Proposal And Manuscript Writing”, organized by Gokhale Education Society’s Sir Dr. M. S. Gosavi College of Pharmaceutical education and research, Nashik.
28	27th-28th Jan,2023	Two days State level seminar on “Adoption of Guidelines of UGC on Institutional Development Plan under National Education Policy - 2020”, organized by PES’s, Modern Institute of Business Studies, Nigdi, Pune association with SPPU under Quality Improvement Programme.
29	5 <sup>th</sup> Aug to 9th Aug 2024	Five Days eFDP on Harnessing Artificial Intelligence (AI) to Revolutionize Pharmaceutical Education and Research, organised by School of Pharmacy, P. P. Savani University, Surat, Gujarat.

30	10 <sup>th</sup> March to 12 <sup>th</sup> March 2025	Three days International Conference on Unlocking Horizons in Global Multi-Disciplinary Healthcare Research, organised by PES's, Modern Institute of Business Studies, Nigdi, Pune in collaboration with the Association of Pharmacy Professionals
31	21 <sup>st</sup> to 25 <sup>th</sup> July 2025	Five Day E-FDP on Benchmarking Academic and Research Excellence: Exploring the Role of Rankings and Accreditations organised by Bengal College of Pharmaceutical Technology Dubrajpur, West Bengal, in association with Bureau for Health & Education Status Upliftment and Association of Pharmaceutical Teachers of India, West Bengal State Branch.
32	23 <sup>rd</sup> to 27 <sup>th</sup> July 2025	Short Term Faculty Development Programme on NEP 2020 Orientation & Sensitization under "Malaviya Mission Teacher Training Programme (MM-TTP), of University Grants Commission (UGC) Organized by UGC -Malaviya Mission Teacher Training Centre (Formerly UGC- Human Resource Development Centre) Savitribai Phule Pune University, Pune.

**Declaration: I certify that all the information above is correct to the best of my knowledge and belief.**

**Mrs. Sheetal D. Chaudhari**