

Curriculum Vitae

Ms. Shweta Babasaheb Dighe

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Career Objective

I want to work with progressive organization in which I can contribute my technical skills; I am looking for a career where I am an inseparable part of the organization and where all my potential abilities give an output of mental satisfaction. I aspire for a stimulating work culture and my success through the success of the organization.

Educational Background

Educational Qualification: **M.Pharm (Pharmaceutical Chemistry)**

Degree/ Examination	Institute/Univ./Board	Year of Passing	Percentage	Remarks
Ph.D	Bhupal Nobles University, Faculty of Pharmacy, Udaipur, Rajasthan.	Appearing (Date of joining: 09/09/2020)		
M.Pharm (Pharmaceutical Chemistry)	Pad.Dr.D.Y.Patil Institute of Pharmaceutical Sciences And Research, Pimpri, Pune.	2010	68.64%	First Division
B. Pharm	Amrutvahini college of Pharmacy, Sangamner, A'nagar.	2008	69.58 %	First Division
HSC (XII)	B.G.P Sahyadri Jr.college of art, commerce and science, Sangamner, A'nagar.	2004	69.50 %	First Division
SSC (X)	B.G.P Sahyadri vidyalaya, Sangamner, A'nagar	2002	75.86 %	Distinction

Educational achievements-

- 1) **GPAT-2014 QUALIFIED** with **all India rank- 490.**
- 2) Distinction in the subjects at B. Pharmacy (2007-2008) – Pharmaceutics-IV, Pharmaceutical Chemistry-V, Pharmacology-III, Pharmacognosy.

- 3) Winner of “Scientific paper presentation 2006-07” in Inter - college competition at Amrutvahini Institute of Pharmacy, Sangamner, Ahmednagar.

Subject taught

B.Pharm: Medicinal Chemistry-I, Medicinal chemistry-III, Pharmaceutical analysis-1, Pharmaceutical Inorganic Chemistry, Pharmaceutical Organic Chemistry-II, Pharmaceutical Organic Chemistry-III, Pharmaceutical Organic Chemistry-IV

Professional Experience

- 1) Working as an Assistant Professor in Pharmaceutical Chemistry from **24th Feb. 2023 to till date** in S.S.P. Shikshan Sanstha’s Siddhi College of Pharmacy, Chikhali, Pune.
- 2) Working as an Assistant Professor in Pharmaceutical Chemistry from **13th Dec.2021 to 23rd Feb. 2023 (01 year 02 months)** in Parikrama Group of Institution, College of Pharmacy, Kashti, Shrigonda, Ahmednagar.
- 3) Working as an Assistant Professor in Pharmaceutical Chemistry from **30th Jan.2011 to 31st May 2019** in Siddhant college of Pharmacy, Sudumbare, Pune. **(08 years 04 months)**
- 4) Working as a D.pharmacy Lecturer from **July 2008 to Sept. 2008 (03 months)** in Amrutvahini college of Pharmacy, Sangamner, Ahmednagar.

WORK PORTFOLIO:

- Coordinator of Research and Development Cell- 2022 to 2023.
- Done Academic Documentation for NAAC Accreditation -2018-19.
- Coordinator of Cultural Committee – 2015 to 2018
- Coordinator of Scientific Committee- 2014 to 2015.
- Coordinator of Faculty Motivation Committee and Store Committee -2013 to 2014.
- Computer Lab Incharge -2011 to 2013.
- Member of Student Counseling Committee -2011 to 2015.
- Life time Member of APTI.

Professional achievements

- 1) Awarded by ‘Best Teacher Award’ for the Academic Year 2017-18 at Siddhant college of Pharmacy.
- 2) Awarded for ‘Best Cultural Coordination for the Academic year 2016 to 2018’ at Siddhant college of Pharmacy.
- 3) Awarded for achieving 100% result in University of Pune examination in the subject Pharmaceutical Organic Chemistry-III for S.Y.B.Pharm. in the Year 2015-2016” at Siddhant College of Pharmacy.
- 4) Rewarded “for achieving 100% result in University of Pune examination in the subject Pharmaceutical Analysis-I for S.Y.B.Pharm. in the Year 2010-2011” at Siddhant College of Pharmacy.
- 5) Guided to the 07 students of T.Y.B.Pharm for their successful completion of project work under the curriculum of University of Pune.

Computer Proficiency

Good software knowledge -

Familiar with some educationally useful software such as WINCATS (HPTLC), EZchrome Elite (HPLC), Winchrome (HPLC), INSTAT, CHEMDRAW (2D and 3D).

Project in B.Pharm.

Research and experimental work on

“Isolation and screening of amylase producing microorganisms.”

Industrial Training

Successfully completed one month in plant training at Liva healthcare ltd, A/52, MIDC, Malegaon, Sinner, Dist: Nashik.

Specialization in M.Pharm.

Pharmaceutical Chemistry

M. Pharmacy Dissertation

TITLE: “Development and validation of analytical methods for the Simultaneous Estimation of Cefpodoxime proxetil and Potassium clavulanate in Pharmaceutical dosage form”.

RESEARCH GUIDE: Dr. Mrs. Asha B. Thomas, Professor
Department of Pharmaceutical Chemistry
Padm. Dr. D. Y. Patil, IPSR Pimpri, Pune.

Research Publications

INTERNATIONAL

1. **S. B. Dighe**, M. S. Ranawat, D. N. Raut, S. P. Jasud. Published Review Paper on ‘Nanotechnology approaches to enhance therapeutic potential of Bacosides and Bacoside rich fractions targeting brain’. Journal of medical pharmaceutical and allied sciences (JMPAS) E-ISSN: 2320 – 7418. Volume Int. Conference 1 - Issue 2, 1946, January 2022, Index Copernicus Value (ICV) 2020: 78.79, Page – 143-149.
2. Chaurasia G., Patil A., **Dighe S.B.** Published paper on “A review on therapeutic aspects of Hydrotherapy.” International journal of pharmaceutical sciences & research. July 2015, impact factor 2.33, DOI: 10.13040/IJPSR.0975-8232.
3. Mhaske G., **Dighe S.B.** Published paper on “Ebola virus-a prototype pathogen causing haemorrhagic fever, an epidemic health threat in public - world’s next aids-status of its vaccine and research development.” World Journal of Pharmaceutical research ISSN 2277-7105, impact factor 5.045 and ICV 5.90. Vol 4, Issue 2, 2015, pp-861-873.
4. Mhaske G., **Dighe S.B.** paper on “Design, Synthesis and Evaluation of Novel Indole Derivatives as Antimicrobial and Antifungal Agents.” World Journal of Pharmacy And Pharmaceutical Sciences. ISSN 2278 – 4357, Volume 3, Issue 8, July 2014.
5. **Dighe Shweta** paper on “Simultaneous determination of Cefpodoxime proxetil and Potassium clavulanate in tablet formulation by RP-HPLC.” International journal of pharmaceutical sciences & research. Vol. 5, Issue 4, April 2014, DOI: 10.13040/IJPSR.0975-8232. Pp-1566-1571.
6. Thomas A., **Dighe S.B.** paper on “Simultaneous spectrophotometric methods for estimation of Cefpodoxime proxetil and Potassium clavulanate in pharmaceutical dosage form.” Asian Journal of Research in Chemistry, ISSN: 0974-4169, Oct. 2011, 4(10), pp. 1600-1604.
7. A. Thomas, S. Jagdale, **Dighe S.B.** paper on “Simultaneous Spectrophotometric Estimation of Amlodipine Besylate and Telmisartan in Tablet Dosage Form” in International Journal of PharmTech Research, ISSN : 0974-4304, April-June 2010, Vol.2, No.2, pp. 1334-1341.
8. Thomas A., Chavan U., **Dighe S.B.** “Simultaneous RP-HPLC Analysis of Atenolol, Hydrochlorothiazide, and Losartan Potassium in a Tablet Formulation” in Acta Chromatographica, ISSN: 0231-2522, 22(2010)2, pp 219–226.

9. Thomas A., **Dighe S.B.** Published paper on “A validated Stability-Indicating HPTLC Method for Simultaneous Estimation of Cefpodoxime proxetil and Potassium clavulanate in bulk and tablet dosage form” in Journal of Liquid Chromatography and Related Technologies, ISSN: 1082-6076, Vol.33, Issue 18, 2010, pp 1689 – 1703.

NATIONAL

1. Thomas A., **Dighe S.B.** Published paper on “Simultaneous Spectrophotometric methods for estimation of Cefpodoxime proxetil and Potassium clavulanate in pharmaceutical dosage form” in Journal of Pharmaceutical Research Vol. 9, No. 4, October 2010: 167-171.
2. Thomas A., Chavan U., **Dighe S.B.** Published paper on “Simultaneous spectrophotometric estimation of Hydrochlorothiazide, Atenolol and Losartan Potassium in tablet dosage form” in Hindustan Antibiotic Bulletin, 2009, 51: 33-38.

Conference & Seminars attended/ Poster presented

- 1) Attended Webinar on ‘Solid shall be alternate source to replace harmful organic solvent in future (mixed solvency concept)’, Organized by Society of Pharmaceutical Sciences and Research (SPSR), 6th August 2023.
- 2) Attended International Webinar entitled ‘Prclinical and Toxicological Study Protocol development’ organized by Department of Pharmacy, Meerut Institute of Technology, Meerut (UP), India , on 4th Sept. 2023.
- 3) Attended webinar entitled ‘Solid Shall Be Alternate Source to Replace Harmful Organic Solvent in Future (Mixed Solvency Concept)’ organized by the Society of Pharmaceutical Sciences and Research (SPSR) on 6th August 2023.
- 4) Attended International Webinar on ‘Global Pharmaceutical Trends’ organized by Yash institute of pharmacy, Aurangabad and Indian pharmaceutical association, Aurangabad, on 10th April 2022.
- 5) Attended National webinar on ‘Optimization techniques for in process quality control of Ayurvedic formulation’, organized by BNU in collaboration with IPGA women forum, on 26th Feb. 2022.
- 6) Attended Webinar on ‘Process of innovation development and technology readiness level (TRL) and commercialization of lab technologies and tech transfer’, organized by Vignan College of pharmacy, Andhra Pradesh, on 15th Feb. 2022.
- 7) Attended Webinar on ‘HPTLC-A Milestone in the Quality Control Analysis of Phytoconstituents’ organized by RMD Institute of Pharmaceutical Education & Research, Chinchwad, Pune on Monday 11/10/2021.
- 8) POSTER Presented on ‘Nanotechnology approaches to enhance therapeutic potential of bacosides and bacoside rich fractions targeting brain’, during the International e-Conference on ‘Pharmaceutical Research and Innovation to Tackle Future Health–Care Arena’ organized at MSGCOPER NASHIK on Monday, 27/09/2021 to Wednesday, 29/09/2021.
- 9) Participated in Savitribai Phule Pune University Sponsored two days International Seminar On “Trends in Pharmacy Practice” on 4th & 5th January 2018 organized by Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune.
- 10) Participated in One Day Hands-on Workshop on “HPLC – High Performance Liquid Chromatography Techniques” On 3rd November 2017 at Dr. D. Y. Patil Institute of

Pharmaceutical Sciences and Research, Pimpri, Pune organized in association with Spinco Bio Tech, Pune .

- 11) Participated in One Day Workshop on “GMP-Good Manufacturing Practices” On 28th & 29th July 2017 at Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune.
- 12) Participated in One Day Workshop on “Advances in HPTLC Techniques” On 29th September 2016 at Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune organized in association with Anchrom Enterprises (I) Pvt. Ltd. Mumbai - 400081, Maharashtra, India
- 13) Participated in APTICON 2016 (Women’s Forum) and M.C.E. society’s Allana college of Pharmacy, Pune jointly organized one-day seminar on “Strategies for Empowerment of Women Associated with the Healthcare Profession”, 8th march 2016.
- 14) Participated in University of Pune Sponsored two days National level Seminar On "Current Aspects In Chemical Synthesis And Spectral Data Interpretation" 5th And 6th February 2016, P.E.Society’s Modern College Of Pharmacy, Yamunanagar, Nigdi, Pune.
- 15) Participated in One Day Faculty Orientation workshop on “Understanding APIT “on 12th September 2015 at Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune.
- 16) Participated in University of Pune Sponsored two days State level Seminar On “Emergency medicine services and related disaster management” 22nd & 23rd jan.2016, RJPM’s college of pharmacy, Dudulgaon, Pune
- 17) Participated in University of Pune Sponsored two days National level Seminar On “Recent trends in quality assurance and quality control” 5th & 6th February 2015, Amrutvahini college of Pharmacy, Sangamner, Ahmednagar.
- 18) Participated in University of Pune Sponsored two days State level Seminar On “Principle and practices of pharmaceutical marketing and role of product manager”, 11th & 12th December 2014, Siddhant college of Pharmacy, Sudumbare, Pune.
- 19) Participated in Savitribai Phule Pune University Sponsored three days National level Seminar On “Structural Elucidation of Bioactive compounds”, 5th to 7th December 2014, Sinhgad Institute of pharmaceutical sciences, Lonavala.
- 20) Participated and presented poster on Ebola virus-a prototype pathogen causing hemorrhagic fever, an epidemic health threat in public - world’s next aids- status of its vaccine and research development. In APTICON-2014 conference.
- 21) Participated in University of Pune Sponsored two days National level Seminar On “Patent management in pharmaceuticals”, 13th & 14th November 2014, Siddhant college of Pharmacy, Sudumbare, Pune.
- 22) Participated in University of Pune Sponsored One day State level Seminar On “ Current advances in Nasal & Pulmonary drug delivery system”, 13th September 2014 , Alard college of pharmacy.
- 23) Poster of “Development And Validation Of RP-HPLC Method For Simultaneous Estimation Of Eperisone Hydrochloride And Diclofenac Sodium In Bulk And Pharmaceutical Dosage Form” presented in University of Pune Sponsored three days National level Seminar On “Advances in novel drug delivery systems present scenario and industrial perspectives” . 27th,28th and 29th march 2014, Modern college of pharmacy, Moshi, Pune

- 24) Participated in University of Pune Sponsored One day State level Seminar On ‘Value Education & Personality Development’ 26th February 2014, Siddhant college of Pharmacy, Sudumbare, Pune.
- 25) Participated in University of Pune Sponsored two days National level Seminar On “Emerging trends in Pharma Quality Management” 21st & 22nd October 2013 Siddhant college of Pharmacy, Sudumbare, Pune.
- 26) Participated in University of Pune Sponsored two days State level Seminar On “Positive attitude, hard work, knowledge and skill: Right prescription for success” on 27th & 28th September 2013 at Siddhant college of Pharmacy, Sudumbare, Pune.
- 27) Participated in University of Pune Sponsored two days State level Seminar On “Advances in Chromatography- A practical approach” on Feb. 2012 at Modern college of pharmacy, Pune.
- 28) Participated in one day workshop On “HPTLC- Instrumentation & Applications” on Feb.2012 at Padm. Dr. D. Y. Patil, IPSR Pimpri, Pune.
- 29) Participated in one day seminar On “Recent trends in pharmacy” on Jan.2007 at Amrutvahini Institute of Pharmacy, Sangamner, Ahmednagar.

Instruments Handled

1. UV/Visible spectrophotometer (Jasco Pvt. Ltd)
2. FTIR (Jasco Pvt. Ltd)
3. HPTLC (CAMAG linomat V)
4. HPLC (EMerk Hitachi L-1700)

References

1. Dr. Rahul K. Dumbre
Principal,
Siddhant College of Pharmacy,
Sudumbare, Pune.
Mob: 09689100460
E-mail: rdumbre@yahoo.com
2. Dr. Asha B. Thomas
Professor (Department of Pharmaceutical Chemistry),
Padm. Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri,
Pune-18 (MH) India.
Mob : 098812362220
E-mail- dypharmachem@yahoo.co.in

Personal Particulars

Name : Ms. Shweta Babasaheb Dighe.
 Father’s Name : Mr. Babasaheb Radhuji Dighe.
 Gender : Female
 Marital status : Married
 Date of Birth : 13/07/1987
 Languages Known : English, Marathi, and Hindi.
 Permanent Address : FL A2/502, Kumar Princeville, Phase 2, Borhadewadi, Moshi,
 Pune.
 Pin: 412105.
 E-mail : shwetadighe87@gmail.com
 Contact no. : 8329858438

Declaration:

I hereby declare that all the information provided by me in this application is factual and correct to the best of my knowledge.

Date :

Place : Pune

Ms. SHWETA B. DIGHE