



# AISSMS

COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH



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2F,12B recognition by UGC, Affiliated to Savitribai Phule Pune University  
**Accredited by NAAC with A Grade**

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**Name:** Dr. Santosh V. Gandhi

**Designation :** Professor

**Qualifications :** M. Pharm, Ph.D.

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#### **PROFESSIONAL EXPERIENCE:**

1. Working as Professor from April 2012 at AISSMS College of Pharmacy, Pune-411001
2. Worked as Associate Professor from September 2011 to March 2012 at AISSMS College of Pharmacy, Pune-411001
3. Worked as Assistant Professor from August 2006 to August 2011 at AISSMS College of Pharmacy, Pune-411001
4. Worked as Lecturer from July 2001 to July 2006 at AISSMS College of Pharmacy, Pune-411001

#### **TOTAL EXPERIENCE IN YEARS:**

- ❖ Teaching: 23 yrs.
- ❖ Research: 18 Yrs

#### **AREAS OF INTEREST:**

Method Development and Validation (Bulk Drug and Products/Bioanalytical/QbD Approach)

Stability Testing of Drugs and Pharmaceuticals/ Herbal Drug Standardization

Computer Aided Drug Design/ Chemometric Analysis

## **Ph.D. STUDENTS GUIDED: 02**

- ❖ Approved as Ph.D guide by Savitribai Phule Pune University, JJTU, Pacific University and currently 01 student is pursuing the Ph. D.

## **M. PHARM STUDENTS GUIDED: 90**

- ❖ Approved as PG guide by Savitribai Phule Pune University and guided 90 M. Pharm students

## **BOOKS AUTHORED: 07**

### **1. Name of Book: SETHI'S HPLC (04 Volumes)**

High Performance Liquid Chromatography  
(Quantitative Analysis of Pharmaceutical Formulations)

Volume 5 (ISBN – 978-81-239-2653-7)

Volume 6 (ISBN – 978-81-239-2654-4)

Volume 7 (ISBN – 978-81-239-2655-1)

Volume 8 (ISBN – 978-81-239-2656-8)

First Edition: 2015

Editor: Dr. P. D. Sethi

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2. Dr. Santosh V. Gandhi
3. Dr. Nitin Dubey
4. Dr. Neeraj Sethiya

Publisher: CBS Publishers and Distributors Pvt. Ltd., New Delhi – 110002 (India)

### **2. Instrumental Methods of Analysis**

ISBN: 978-93-90770-32-8

Authors:

Dr. Padmanab B. Deshpande

Dr. Santosh V. Gandhi

Dr. Ram S. Sakhare

Publisher: Technical Publications, Amit Residency, office No. 01, 412, Shaniwar Peth, Pune- 411030, MH, India

### **3. Advanced Instrumentation Techniques**

ISBN: 978-93-91567-20-0

Authors:

- 1) Dr. Santosh V. Gandhi
- 2) Dr. Sangameswar B. Kanthale
- 3) Dr. Savita Sonawane
- 4) Ms. Manisha C. Chavan

Publisher: Technical Publications, Amit Residency, office No. 01, 412, Shaniwar Peth, Pune- 411030, MH, India

#### **4. Laboratory Manual of Instrumental Methods of Analysis**

ISBN: 978-81-955200-5-3

Authors:

- 1) Dr. Niranjan S. Mahajan**
- 2) Dr. M. S. Kondawar**
- 3) Mr. Sushant Sudhir Pande**
- 4) Dr. Vivekkumar K Redasani**
- 5) Dr. Santosh V. Gandhi**

Publisher: Trinity Publishing House, 475/8, F-3, Suryanandan Apartments, Sadar Bazar, Satara, MH, India

#### **PROFESSIONAL AFFILIATIONS:**

- ❖ Registered Member: Maharashtra State Pharmacy Council
- ❖ Life Member: Association of Pharmacy Teachers of India

#### **PROJECTS HANDLED/GRANTS RECEIVED:**

- ❖ No. of Inhouse Projects: 15
- ❖ No. of Funded Research Projects (University/Industry): 07
- ❖ Amount of Research Grant Received: 6.8 Lakh

#### **MEMBER OF EDITORIAL BOARD:**

- ❖ Member of Editorial and Reviewer Board: International Journal of Pharmaceutical Chemistry and Analysis since 2015
- ❖ Member of Editorial and Reviewer Board: International Journal of Chemistry, Pharmacy & Technology since 2016

#### **INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:**

- ❖ Worked as a coordinator for AICTE sponsored Workshop entitled “Recent Advances Drug Discovery” (2008-2009)
- ❖ Worked as a coordinator for University of Pune sponsored QIP Programme “Pharmaceutical Technology: Current Perspectives” organized between 4<sup>th</sup>-6<sup>th</sup> January 2011. (AY 2010-11)
- ❖ Staff Incharge for Purchase (2009-2010 to 2020-2021)
- ❖ Educational Tour In charge (2005-2006 to 2020-2021)
- ❖ Member – Research Advisory Committee, College Development Committee, Internal Quality Assurance Cell, Library Advisory Committee

- ❖ College Website Governance In charge (2005-2006 to 2020-2021)
- ❖ ERP Software academic administrator (2015-2016 to 2020-2021)
- ❖ Preparation of documents for Shikshan Shulka Samiti (2005-2006 to 2020-2021)
- ❖ Academic Research Co-ordinator for Savitribai Phule Pune University (2012-2013 to 2021-2022)
- ❖ Staff Editor for College Newsletter “PHARMAVOICE” (2016-2017 to 2020-2021)
- ❖ Member – Training and Placement cell (From 2020-21 – till date).
- ❖ Department Library Incharge
- ❖ Work experience as a member of Press and Publicity Committee for APTICON 2014, Pune held during 28<sup>th</sup> – 30<sup>th</sup> November 2014
- ❖ Worked as a coordinator for University of Pune sponsored QIP Programme “Insights of Accreditation Process for Affiliated Colleges” organized on 30<sup>th</sup> - 31<sup>st</sup> October 2017. (AY 2017-18)
- ❖ Worked as a coordinator for AICTE-ATAL sponsored Workshop entitled “Innovation, Startup and Entrepreneurship Management” between 13/09/2021 to 17/09/2021
- ❖ NBA and Autonomy Committee Staff Incharge (From 2020-21 – till date).
- ❖ Worked as a coordinator for one-day national level online seminar on theme “Quality Sustenance and Quality improvement: Issues and Challenges” organized by IQAC of AISSMSCOP, in collaboration with NAAC on 20/09/2022.
- ❖ IQAC coordinator since AY 2024-25
- ❖ Training and Placement Incharge from AY 2024-25

#### **AWARDS/ACHIEVEMENT/MEDALS:**

- ❖ Being **University Topper** in B.Pharmacy examination at North maharashtra university, Jalgaon received following awards
  - IDMA – G. P. Nair Award presented at Tajmahal Hotel, Mumbai on 16<sup>th</sup> Dec. 2000.
  - Indian Pharmaceutical Association (Maharashtra Branch) presented award at BCP, Mumbai on 15<sup>th</sup> Dec. 1999
  - Maharashtra State Pharmacy Council presented award at Aurangabad.
- ❖ Cleared GATE examination with 96.77 percentile (All India Rank 98)
- ❖ Recipient of AICTE Scholorship during M. Pharm. Course.

- ❖ Received Dr. P.D. Sethi award 2008 (Certificate of merit) for research paper in pharmaceutical analysis awarded by Kongposh Publications, New Delhi.
- ❖ Recipient of Dr. P.D. Annual award 2008 (2<sup>nd</sup> Prize) for best research paper on application of TLC/HPTLC awarded by Anchrom, Mumbai.
- ❖ Received third prize for Oral presentation of research work entitled “Chemometrics-Assisted UV Spectrophotometric Method for Determination of Tadalafil and Dapoxetine HCl in Tablet Dosage Form” by Shradha P. Chaudhari <sup>\*</sup>, Santosh V. Gandhi at International Conference on Recent Trends in Chemometrics held at Hotel Sheraton Grand organized by School of Pharmacy, MIT-WPU between 6-8th February 2020. (Paper Code CHE05, Page 21 of ICORTIC 2020 Souvenir)
- ❖ Received third prize for Poster presentation of research work “Development and validation of stability indicating method for determination of Iguratimod in bulk and pharmaceutical dosage form” by Prajakta chauthe\*, Manisha Jagtap, Santosh V. Gandhi at two days international conference on “Recent Innovation: A holistic and Integrated Approach to Pharmaceutical Science” organized by Sir Dr. M.S. Gosavi College of Pharmaceutical education and Research, Nashik on 23rd - 24 th September 2022. (Prajakta Chauthe won the Third prize)
- ❖ Received third prize for Oral Presentation on Research Topic “Analytical Method Development and Validation for Estimation of Drugs in Multicomponent Formulation by HPLC” by Rutuja Bacche, Santosh V. Gandhi, Sanket Nanekar at International Conference on Advances in Pharmaceutical Science Research: Traditional to Novel Approaches organized by Dattakala Shikshan Sanstha’s Institute of Pharmaceutical Sciences and Research, Bhigwan on 20<sup>th</sup> and 21<sup>st</sup> February 2025.

## PUBLICATIONS:

- ❖ REVIEWS: 11
- ❖ NATIONAL RESEARCH PUBLICATIONS: 17
- ❖ INTERNATIONAL RESEARCH PUBLICATIONS: 149
- ❖ H index - 22
- ❖ i10 Index - 47
- ❖ No of Citations - 1454

## \*REVIEW PUBLICATIONS\*

1. **Gandhi S.V.\***, Vyawahare N.S., Joshi V. S. “Raw Material Analysis” The Indian Pharmacist, April-2005, 18-20.
2. Vyawahare N.S.\*, Bhandari S.V., **Gandhi S.V.**, Devi H.P. “Pharmacovigilance: An Update” Advances in Pharmacology and Toxicology, 6 (1) 2005, 29-38.

3. Joshi V. S.\*, Bhandari S.V., **Gandhi S.V.**, Nikam A.P. "Home Remedies", Deerghayu International, Jan. 2006, 20-26.
4. **Santosh Gandhi** \*, Shweta Sabnis. "Ion Pair Chromatography" The Indian Pharmacist, April-2008, 29-33.
5. S. S. Vanjari\*, **S. V. Gandhi**, N. Chimandare "A Review on In Silico Approach in Pharmacology" Advance research in Pharmaceuticals and Biologicals Vol -2 (II), APR-JUNE 2012, 129-141.
6. Santosh V. Gandhi\*, Shreeyash R. Tapale; "Quality by Design (QbD) A Key in Quality Assurance of Pharmaceuticals: A Review" Pharma Review, May-June 2016, 41-46.
7. **Santosh V. Gandhi**\*, Shubham S. Pawar, Yogesh S. Punde, Namrata G. Bawaskar. "Determination of Antidementia Drugs by Spectrophotometric and Chromatographic Methods – An Overview" International Journal of Research and Analytical Reviews, June 2021; 8 (2), 207-223.
8. **Santosh V. Gandhi**\*, Vikas Khatik, Avadhut Landage, Sanket Halde, Kaustubh Naikawadi "Pharmacotherapeutic Stratification for Multiple Sclerosis in the Covid-19 Pandemic" International Journal of Research and Analytical Reviews, July 2021; 8 (3), 324-332.
9. **Santosh V. Gandhi**, Hanmant A. Bade, Manisha S. Jagtap, Shivani R. Sawarkar, Varsharani S. Pawar, Vinod V. Gaikwad. "Comprehensive Review on Various Analytical Methodologies for the Estimation of Lamivudine. International Journal of Pharmacy and Pharmaceutical Research, June 2022, 24 (3), 29-41.
10. Rutuja M. Bacche, Kajal R. Gaikwad, **Santosh V. Gandhi**\*. "Formulation and Evaluation of Face Sheet Masks: A Comprehensive Analysis of Ingredients, Their Benefits, Brands" Zhuzao/Foundry, 2025, 28 (3), 89-105.
11. **Santosh V. Gandhi**\*, Pratiksha S. Taware, Himanshu A. Chandankhede, Vipul V. Bhamare. "Ethical and Environmental impact of Cosmetics" TANZ 2025, 20 (3), 1-18

#### **\*NATIONAL RESEARCH PUBLICATIONS\***

1. Bodhankar S.L.\*, Vyawhare N.S, **Gandhi S.V.**, Bankar S. "A study of factors affecting prescription in the Pune region" The Indian Journal of Hospital Pharmacy, Vol. XLI (4) July-August 2004, 149-151.
2. **Gandhi S.V.**\*, Vyawhare N.S., Iyer N.N., Zambre V.P. "Ideal Class Seminars: Development of Communication Skills and Subject Knowledge" Indian Journal of Pharmaceutical Education, 39 (3), July-Sept.2005, 163-165.
3. **Santosh V. Gandhi**\*, Nilesh D. Dhavale, Vijay Y. Jadhav, Shweta S. Sabnis "Estimation of Escitalopram Oxalate and Clonazepam in Tablet Formulation by Ratio Spectra Derivative Spectroscopy" Analytical Chemistry: An Indian Journal 5 (1-6), 2007, 79-82.

4. **S. V. Gandhi\***, S. S. Sabnis, V. Y. Jadhav, K. G. Bothara, Sruthi Vemula, Mahendra Shiradkar "Spectrophotometric Method for Estimation of Itopride Hydrochloride in Bulk and Tablet Dosage Form" *Analytical Chemistry: An Indian Journal*, 5 (1-6), 2007, 134-136.
5. **S. V. Gandhi\***, V. Y. Jadhav, N. D. Dhavale, S. S. Sabnis "Spectrophotometric Method for Estimation of Erdosteine in Bulk and Capsule Dosage Form" *Analytical Chemistry: An Indian Journal*, 6(1) 2007, 27-29.
6. **Gandhi S. V.\***, Shah J. V., Nikam A. D., Vaidyanathan V. "Estimation of Ofloxacin and Tinidazole in Tablet Formulation by Ratio Spectra Derivative Spectroscopy" *Indian Journal of Pharmaceutical Education and Research*, 42(1), Jan- Mar, 2008, 70-73
7. **Gandhi S. V.\***, Sabnis S. S., Dhavale N. D., Jadhav V. Y. "RP-HPLC Method for Simultaneous Determination of Rabeprazole Sodium and Itopride Hydrochloride in Capsule Dosage Form" *Indian Drugs*, 45 (6) June 2008, 469-473.
8. Poonam N. Ranjane, **S. V. Gandhi\***, Sayali S. Kadukar, S. S. Ranher. "Determination of Cefuroxime Axetil and Ornidazole in Tablet Formulation by Ratio Derivative Spectroscopy" *Asian Journal of Pharmaceutical and Clinical Research*, Vol. 1, Issue 2, 2008, 44-47.
9. Shweta S. Sabnis, **Santosh V. Gandhi\***, A.R. Madgulkar, K. G. Bothara "Simultaneous Determination of Rabeprazole Sodium and Itopride Hydrochloride in Capsule Dosage Form by Spectrophotometry" *Hind. Antibiot. Bull.* 2008 (49-50) 34-38.
10. A. D. Nikam, Sampada S. Pawar and **S. V. Gandhi\*** "Estimation of Paracetamol and Aceclofenac in Tablet Formulation by Ratio Spectra Derivative Spectroscopy", *Indian Journal of Pharmaceutical Sciences*, 2008, 70 (5): 635-637.
11. **Santosh Vilaschand Gandhi\***, Kailash Gyanchand Bothara "QSAR and QSTR Studies for 4',5- Disubstituted 3-Biphenylacetic Acid Derivatives", *Organic Chemistry : An Indian Journal*, 5 (4), 2009, 416-419
12. **Santosh V. Gandhi\***, Upasana P. Patil, Neelam G. Patil "Simultaneous Spectrophotometric Determination of Cefpodoxime Proxetil and Potassium Clavulanate" *Hind. Antibiot. Bull.* 2009 (51): 24-28
13. Madhura V. Dhoka\*, Vandana T. Gawande, Pranav P. Joshi, **Santosh V. Gandhi**, Neelam G. Patil "Simultaneous Estimation of Cefixime Trihydrate and Erdosteine in Combined Pharmaceutical Dosage Form by Spectrophotometric Method" - *Hind. Antibiot. Bull.*, 2009 (51): 29-32.
14. M. R. Sengar, **S. V. Gandhi\***, U. P. Patil, Vivek Rajmane, "Simultaneous Determination of Diclofenac Sodium and Thiocolchicoside in Fixed Dose Combination by Spectrophotometry" *The Asian Journal of Pharmaceutical and Clinical Research* 3 (2), April-June 2010, 89-91.
15. S. S. Ranher, **S. V. Gandhi\***, P. B. Deshpande, B. B. Gandhi, V. V. Mhatre "A simple and sensitive RP-HPLC method for simultaneous analysis of nabumetone and paracetamol in pharmaceutical formulations" *Analytical Chemistry: An Indian Journal*, 10 (1), 2011, 51-54.
16. **Santosh V. Gandhi\***, Priyanka S. Ghone , Atul P. Chaudhari "HPTLC Method Development and Validation for Estimation of Atovaquone as a Bulk and in Pharmaceutical Dosage form" *Pharmaceutical Resonance* 2018, 1 (1) 17-20

**17. Santosh V. Gandhi\***, Parag L. Khairnar, Atul P. Chaudhari. “RP-HPLC Method for Simultaneous Estimation of Nitazoxanide and Ofloxacin from Bulk and Tablet Dosage Form” Indian Research Journal of Pharmacy and Science; 2018, 5 (1) 1392-1398.

**\*INTERNATIONAL RESEARCH PUBLICATIONS\***

1. D. Nikam, S. S. Pawar, **S. V. Gandhi\***. “Simultaneous Spectrophotometric Estimation of Aceclofenac and Paracetamol” Asian Journal of Chemistry 19 (7) 2007, 5075-5080.
2. M. R. Shiradkar\*, K. C. Akula, V. Dasari, V. Baru, B. Chiningiri, **S. Gandhi**, R. Kaure “Clubbed thiazoles by MAOS: A novel approach to cyclin-dependent kinase 5/p25 inhibitors as a potential treatment for Alzheimer’s disease” Bioorganic & Medicinal Chemistry 15 (2007) 2601–2610
3. **Santosh V. Gandhi\***, Nilesh D. Dhavale, Vijay Y. Jadhav, Shweta S. Sabnis. “Spectrophotometric and RP-HPLC Method for Simultaneous Determination of Escitalopram Oxalate and Clonazepam from Combined Tablet Dosage Form” Journal of AOAC INTERNATIONAL 91(1) 2008, 33-38.
4. Shweta S. Sabnis, Nilesh D. Dhavale, Vijay Y. Jadhav, **Santosh V. Gandhi\*** “RP-HPLC Method for Simultaneous Determination of Rabeprazole Sodium and Domperidone in Combined Tablet Dosage Form” Journal of AOAC INTERNATIONAL 91 (2), Feb 2008, 344-348
5. Shweta S. Sabnis, Nilesh D. Dhavale, Vijay Y. Jadhav, **Santosh V. Gandhi\*** “Spectrophotometric Simultaneous Determination of Rabeprazole Sodium and Itopride Hydrochloride in Capsule Dosage Form” Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 69 (3) 2008, 849-852
6. Nilesh Dhavale, **Santosh Gandhi\***, Shweta Sabnis, Kailash Bothara “Simultaneous HPTLC Determination of Escitalopram Oxalate and Clonazepam in Combined Tablets” Chromatographia 67, March (No. 5/6), 2008, 487-490
7. Kadukar SS, **Gandhi SV\***, Ranjane PN, Ranher SS, “Simultaneous Estimation of Telmisartan and Ramipril in Tablet Formulation by Ratio Spectra Derivative Spectroscopy” Journal of Pharmaceutical Research, Vol. 7, No. 2, April 2008, 73-75.
8. **Gandhi SV**, Jadhav VY, Kadukar SS, Bothara KG, “Simultaneous Determination of Nitazoxanide and Ofloxacin in Tablet Formulation by Ratio Spectra Derivative Spectroscopy” Journal of Pharmaceutical Research, Vol. 7, No. 2, April 2008, 112—114.
9. **S. V. Gandhi\***, N. S. Barhate, B. R. Patel, Dolly D. Panchal, K. G. Bothara “A Validated Densitometric Method for Determination of Aceclofenac and Paracetamol as the Bulk Drug and in Combined Tablet Dosage Forms” Acta Chromatographica 20 (2) 2008, 175–182.
10. Shweta S. Sabnis, Nilesh D. Dhavale, Vijay Y. Jadhav, Santosh R. Tambe, **Santosh V. Gandhi\***, “Spectrophotometric Simultaneous Determination of Rabeprazole Sodium and Domperidone in Combined Tablet Dosage Form” Euracian Journal of Analytical Chemistry, 3 (2), 2008, 229-237

11. Vijay Y. Jadhav, **Santosh V. Gandhi\***, Nilesh D. Dhavale, Shweta S. Sabnis "RP-HPLC Determination of Nitazoxanide in Bulk and Different Tablet Formulations" Euracian Journal of Analytical Chemistry, 3 (3), 2008, 300-306
12. Poonam N. Ranjane, **Santosh V. Gandhi\***, Sayali S. Kadukar, Sandeep S. Ranher "Reverse Phase High Performance Liquid Chromatographic Method for Simultaneous Determination of Cefuroxime axetil and Ornidazole in Tablet Dosage Form" Chinese Journal of Chromatography. 26 (6), 2008, 763-765.
13. S. S. Kadukar, **S. V. Gandhi\***, P. N. Ranjane, S. S. Ranher "Spectrophotometric Methods for Determination of Olmesartan medoxomil and Hydrochlorthiazide in Tablet Dosage Form" Pharma Review, Nov-Dec. 2008, 161-163
14. P. B. Deshpande, G. Shridharan, Libi Anandi, D. Jadhav, M. C. Damle, **S. V. Gandhi\***, "Validated Method Development for Estimation of Atorvastatin calcium and Fenofibrate in Fixed Dose Combination by HPTLC" Pharma Review, May 2009, 151-153
15. **Gandhi Santosh\***, Khan Samina, Jadhav Rashmi, Jadhav Saket, Jadhav Gaurav "High Performance Thin Layer Chromatographic Determination of Rabeprazole Sodium and Domperidone in Combined Dosage Form" Journal of AOAC INTERNATIONAL, July 2009 92 (4) 1064-1067.
16. Upasana P. Patil, **Santosh V. Gandhi\***, Mahima R. Sengar, Vivek S. Rajmane "Simultaneous Determination of Atorvastatin Calcium and Telmisartan in Tablet Dosage Form by Spectrophotometry" International Journal of ChemTech Research Oct- Dec 2009, 1 (4), 970-973
17. Mahima R. Sengar, **Santosh V. Gandhi\***, Upasana P. Patil, Vivek S. Rajmane "Reverse Phase High Performance Liquid Chromatographic Method for Simultaneous Determination of Cefuroxime Axetil and Potassium Clavulanate in Tablet Dosage Form" International Journal of ChemTech Research, Oct- Dec 2009, 1 (4), 1105-1108.
18. Vivek S Rajmane, **Santosh V Gandhi\***, Upasana P Patil, Mahima R Sengar "Simultaneous Determination of Drotaverine hydrochloride and Aceclofenac in Tablet Dosage Form by Spectrophotometry" Euracian Journal of Analytical Chemistry, 2009, 4(2): 184-190.
19. Sayali S. Kadukar, **Santosh V. Gandhi\***, Poonam N. Ranjane, Sandeep S. Ranher "HPTLC Determination of Olmesartan medoxomil and Hydrochlorthiazide in Combination Tablet Dosage Forms" Journal of Planar Chromatography 22(6), Dec 2009, 425-428.
20. Mahima Sengar, **Santosh V. Gandhi\***, Vivek Rajmane, Upasana Patil, Bhargav Gandhi "Simultaneous Determination of Cefuroxime Axetil and Potassium Clavulanate in Tablet Dosage Form by Spectrophotometry" Research Journal of Pharmacy and Technology 3(1). 2010, 260-262
21. Poonam N. Ranjane, **Santosh V. Gandhi\***, Sayali S. Kadukar, Kailash G. Bothara "High Performance Thin Layer Chromatographic Determination of Cefuroxime axetil and Ornidazole in Combined Tablet Dosage Form" Journal of chromatographic science, 2010, 48 (1), 26-28.
22. M. R. Sengar, **S. V. Gandhi\***, U. P. Patil, V. S. Rajmane, K. G. Bothara "A validated densitometric TLC method for analysis of cefuroxime axetil and potassium clavulanate in combined tablet dosage forms" Acta Chromatographica, 22 (1), 2010, 91-97

**23. Santosh V. Gandhi\***, Padmanabh Deshpande, Pankaj Jagdale, Varun Godbole “A simple and sensitive RP-HPLC method for simultaneous estimation of Artesunate and Amodiaquin in combined tablet dosage form” *J. Chem. Pharm. Res.* 2 (6), 2010, 429-434.

**24. Vivek S. Rajmane, Santosh V. Gandhi\***, Upasana P. Patil, Mahima R. Sengar “High Performance Thin Layer Chromatographic Determination of Etoricoxib and Thiocolchicoside in Combined Tablet Dosage Form” *Journal of AOAC INTERNATIONAL (Special Section)* 93 (3), May 2010, 783-786.

**25. S. S. Ranher, S. V. Gandhi\***, S. S. Kadukar, P. N. Ranjane “A Validated HPLC Method for Determination of Artesunate from Bulk and Tablet Formulation” *Journal of Analytical Chemistry*, 65 (5), 2010, 522-524.

**26. Upasana P. Patil, Santosh V. Gandhi\***, Mahima R. Sengar, Vivek S. Rajmane “A Validated Densitometric Method for Analysis of Telmisartan and Atorvastatin Calcium in Fixed Dose Combination” *J. Chil. Chem. Soc.*, 54 (5), 2010, 94-96

**27. Mahajan Anand, Gandhi Purvi S., Pandita Nancy, Gandhi Santosh V.\***, Deshpande Padmanabh B, “Validated High Performance Thin Layer Chromatographic Method for Estimation of Olopatadine Hydrochloride as Bulk drug and in Ophthalmic Solutions” *International Journal of ChemTech Research*, 2(3), July-Sept 2010, 1372-1375.

**28. Mahajan Anand, Athensia Fonseca, Gandhi Santosh V.\***, Deshpande Padmanabh B. “Development and Validation of High Performance Thin Layer Chromatographic Method for Estimation of Brimonidine Tartrate as Bulk Drug and in Ophthalmic Solutions” *International Journal of PharmTech Research*, 2(3), July-Sept 2010, 1376-1379.

**29. Santosh Gandhi\***, Padmanabh Deshpande, Vivek Rajmane, Tanmay Dodal, Jitesh Parab, “Method Development and Validation for Simultaneous Estimation of Drotaverine Hydrochloride and Aceclofenac in Tablet Dosage Form by RP-HPLC” *International Journal of Pharmaceutical Sciences Review and Research*, 4(3), September – October 2010; 49-52.

**30. Nilesh V. Gaikwad, Padmanabh B. Deshpande\*, Santosh V. Gandhi**, Kapil S. Khandagle “High Performance Thin Layer Chromatographic Determination of Spironolactone and Torsemide in Combined Dosage Form” *Research Journal of Pharmaceutical Technology*, 3 (4), Oct- Dec 2010, 1106-08.

**31. S. V. Gandhi\***, P. B. Deshpande, U. P. Patil, P. J. Munde, P. R. Deshmukh “HPTLC determination of Cefpodoxime Proxetil and Potassium Clavulanate in Combined Tablet Dosage Form” *Pharma Review*, Nov-Dec 2010, 148-150.

**32. Kapil S. Khandagle, S. V. Gandhi\***, P. B. Deshpande, A. N. Kale, P. R. Deshmukh, “High Performance Thin Layer Chromatographic Determination of Cefixime and Ofloxacin in Combined Tablet Dosage Form” *J. Chem. Pharm. Res.*, 2 (5), 2010, 92-96.

**33. Padmanabh Deshpande, Santosh Gandhi\***, Vandana Bhavnani, Raviraj Bandewar, Abhijeet Dhiware, Vrushali Diwale, “High Performance Thin Layer Chromatographic Determination of Famotidine and Domperidone in Combined Tablet Dosage Form” *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 1(4) October – December 2010, 354-359.

**34. Gandhi Santosh\***, Deshpande Padmanabh, Rajmane Vivek, Chaudhari Sagar, “High Performance Thin Layer Chromatographic determination of Drotaverine Hydrochloride and

Aceclofenac in Combined Tablet Dosage Form" International Research Journal of Pharmacy, 1(1), 2010, 189-193.

35. **Gandhi Santosh**, Deshpande Padmanabh\*, Sengar Mahima, "High Performance Thin Layer Chromatographic Determination of Diclofenac Sodium and Thiocolchicoside In Fixed Dose Combination" International Research Journal of Pharmacy, 1 (1), 2010, 220-224.
36. Padmanabh B. Deshpande\*, **Santosh V. Gandhi**, Yogeshwari S. Bhangale, Vasudha B. Pisal, "High Performance Thin Layer Chromatographic Method for Simultaneous Estimation of Paracetamol and Etoricoxib in Combined Tablet Dosage Form" Journal of Pharmaceutical and Biomedical Sciences, 3(3), 2010, 1-5.
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139. Shivani R. Sawarkar, **Santosh V. Gandhi**. "Development and Validation of UV-Spectrophotometric Method for Estimation of Benzonatate in Bulk and Soft gelatin Capsule Dosage Form" International Journal of Pharmacy and Pharmaceutical Research. May 2022, 24 (2), 79-87.

140. **Santosh V. Gandhi**, Varsharani S. Pawar "Method Development and Validation for Estimation of Remogliflozin etabonate in Bulk Formulation and Dissolution Media" Science, Technology and Development Journal, JULY 2022, Volume XI Issue VII, 288-294.

141. **Santosh Gandhi\*** and Vinod Gaikwad. "Development And Validation Of Dissolution Method For Zidovudine Tablets Using Uv Visible Spectrophotometry" World Journal of Pharmacy and Pharmaceutical Sciences. 2022, 11 (8), 1555-1561.

142. **Santosh V. Gandhi\***, Hanmant A. Bade. "Development and Validation of UV-Spectrophotometric Method for Estimation of Favipiravir" International Journal of Pharmacy and Pharmaceutical Research, July 2022 Vol.:24, Issue:4, 172-179.

143. **Santosh V. Gandhi\***, Manisha Jagtap. "Development And Validation of Stability Indicating HPTLC Method for Determination of Iguratimod in Bulk and Pharmaceutical Dosage Form" International Journal of Pharmacy and Pharmaceutical Sciences, 2022, 14 (11), 31-36.

144. Atul Baravkar, **Gandhi Santosh,\***, Bawaskar Namrata, Vitthal Chopade, Makarand Puri, Vishnu Neharkar, Ramdas Kale, Dattatray Kature, Rahul Jadhav, Manisha Patil, Reshma Devkate, Alfa Jain, Deepali Kadam, Amol Khedkar, Sachin Vijapure, Nilima Wani, Ganesh Shinde. "Simultaneous Estimation of Lamivudine, Tenofovir Disoproxil Fumarate and Efavirenz in Bulk and Tablet Dosage Form by Cramer's Rule" International Journal of Pharmaceutical Investigation, 2023; 13(3):582-587.

145. **Santosh V. Gandhi\*** and Smruti C. Shinde. "Chemometric Assisted UV Spectrophotometric Method for Quantification of Emtricitabine and Tenofovir Disoproxil Fumarate" Indian Drugs; September 2023, 60 (09): 93-99.

146. **Santosh V. Gandhi\***, Shivani R. Sawarkar and Mrinalini C. Damle. " Stability Indicating HPTLC Method Development and Validation for Ceritinib in Bulk and Formulation" Indian Drugs; November 2023, 60 (11): 63-69.

147. Jaime Mendonsa, **Santosh Gandhi**, Anand Mahajan\* "Quantification of ternary mixture of paracetamol, chlorzoxazone and ibuprofen present in tablet dosage form using ratio subtraction spectrophotometric approaches" Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy. 310 (2024), 123891: 1-9.

148. Monica RP Rao,\*, Pranjali Gaikwad, Poonam Misal, **Santosh V. Gandhi** "Phyto-cosmeceutical gel containing curcumin and quercetin loaded mixed micelles for improved anti-oxidant and photoprotective activity". Colloids and Surfaces B: Biointerfaces, 237 (2024), 113837: 1-12.

149. Aditi M. Bhandari, Adison Fernandes, M. K. Kathiravan, **Santosh Gandhi**, Rajesh Rane, Anand Mahajan\* "Approach of Spectral Resolution and Analyzing Spectral Purity for Quantification of Paracetamol and Flupirtine Maleate in Tablet Formulation" Journal of Applied Spectroscopy, 2025, V. 92, No. 3, 637-648. ISSN: 0021-9037, Online ISSN: 1573-8647. Impact Factor - 0.8 (DOI: 10.1007/s10812-025-01954-6)

## **PRESENTATIONS:**

As an Author: 20

As a Co-author: 63

### **❖ As an Author:**

1. Poster presentation titled “Uniform syllabus - A need of the hour.” presented at 7<sup>th</sup> APTI annual national convention 2002, Panji, Goa.
2. Poster presentation of paper entitled “Factors affecting prescription in Pune region “at 55<sup>th</sup> IPC, 2003, Chennai.
3. Poster presentation titled “Practical based pharmacy education: the need of the hour.” at 9<sup>th</sup> APTI national convention 2004, Visakhapatnam.
4. Poster presentation titled “Recent advances – Should be an integral part of syllabus” at 10<sup>th</sup> APTI annual national convention 2005, Nagpur.
5. Poster presentation of paper entitled “Synthesis and pharmacological screening of novel anti-hypertensive agents” at 57<sup>th</sup> IPC, 2005, Hyderabad.
6. Poster presentation of paper entitled “Three dimentional quantitative structure activity relationship (3D-QSAR) of 1, 5 diarylpyrazole class of COX-2 inhibitors” at 2<sup>nd</sup> international symposium held at belgaum, Karnataka on DDPR, 10<sup>th</sup>-12<sup>th</sup> Feb. 2006.
7. Poster presentation of paper entitled “QSAR analysis of 4’, 5-disubstituted 3-biphenylacetic acid derivatives having anti-inflammatory activity” at 2<sup>nd</sup> international symposium held at belgaum, Karnataka on DDPR, 10<sup>th</sup>-12<sup>th</sup> Feb. 2006.
8. Poster presentation of paper entitled “Estimation of Aceclofenac in Bulk and Pharmaceutical Dosage Forms by Colourimetry” FP 66, 272 at 58<sup>th</sup> IPC 2006, Mumbai.
9. Poster presentation of research paper entitled “High Performance Thin Layer Chromatographic Determination of Rabeprazole Sodium and Domperidone in Combined Dosage Form” F 83, 410 at IPC 2007, Varanasi.
10. Oral presentation of research paper entitled “Docking, Synthesis and biological evaluation of 4- methyl biphenyl - 2 -carboxylic acid substituted heteroaromatic amides as potential NSAIDs” at “Exploring the Research Platform for Pharmaceutical Product and Process Development” symposium held at Anna University, Tiruchirappalli on 15-16<sup>th</sup> March 2008.

 Attended the 19<sup>th</sup> International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2008) organized by Medical University of Gdansk, Gdansk, Poland during 8-12 June 2008 and gave

- Oral presentation on “Validated RP-HPLC method for Determination of Telmisartan and Ramipril from Tablet formulation”.
- Poster presentation on “Reserve Phase High Performance Liquid Chromatographic Method for Determination of Ceforoxime Axetil and Ornidazole in Combined Tablet Dosage Form”.

11. Poster presentation of research paper entitled “Docking, Synthesis and Biological Evaluation of Ethyl 2- (Substituted Banzamido)-4-Methylthiazole-5-Carboxylate Derivatives as potential NSAIDs” at 20<sup>th</sup> International Symposium on Pharmaceutical and Biomedical Analysis held at Agra during 1-4 March 2009

12. Oral presentation of research work entitled “Bioanalytical Method Development and Validation for Determination of Pharmaceutical Drugs in Biological Samples” Santosh V. Gandhi; at INNOVATION 2010; held at Amrutvahini College of Pharmacy, Sangamner during 27<sup>th</sup>-28<sup>th</sup> October 2010.

13. Poster presentation of research paper entitled “Bioanalytical HPTLC method development and validation for Determination of Ofloxacin in Human Plasma” **Santosh V. Gandhi\***, Vasudha B. Pisal, Poonam H. Chaube, Shital S. Bhandari, at AVISHKAR 2010-11 held at SGRS College of Pharmacy on 7<sup>th</sup> December 2010.

14. Poster presentation of research paper entitled “A Validated RP-HPLC Method for Analysis of Cefadroxil and Potassium Clavulanate in Combined Tablet Dosage Form” **Santosh V. Gandhi\***, Padmanabh B. Deshpande, Vasudha B. Pisal at Young Researchers Conference 2011 held at Institute of Chemical Technology, Univ. of Mumbai during 13-14<sup>th</sup> January 2011 (CODE - PH 38)

15. Oral presentation of research work entitled “Development of Stability Indicating RP-HPLC Assay Method for Determination of Atazanavir and Ritonavir” **Santosh V. Gandhi**; Vasudha B. Pisal , Padmanabh B. Deshpande, Yogeshwari Bhangale at National Conference on Pharmaceutical Analysis (NCPA 2011) organized by UDCT, Aurangabad during 16<sup>th</sup>-17<sup>th</sup> September 2011.

16. Oral presentation of research work entitled “Bioanalytical Method Development and Validation for Determination of Pharmaceutical Drugs in Biological Samples” **Santosh V. Gandhi**; at INNOVATION 2012; held at Allard College of Pharmacy, Pune during 18<sup>th</sup>-19<sup>th</sup> January 2012.

17. Poster presentation of research paper entitled “Development and Validation of HPTLC method for estimation of Diacerin in human plasma” **Gandhi Santosh V.**, Sadaf Syed at 19<sup>th</sup> APTI Convention 2014 held at Pune during 28-30 November 2014

18. Poster presentation of research work entitled “Bioanalytical Method Development and Validation for Determination of Pharmaceutical Drugs in Biological Samples” Dr. Santosh V.

Gandhi at Regional Research Conference ‘INNOVATION – 2015’ for Savitribai Phule Pune University College Teachers in the subject Pharmaceutical Chemistry conducted on 29<sup>th</sup> June 2015 organized by Sinhgad College of Pharmacy, Vadgaon, Pune.

19. Poster presentation of research work entitled “Bioanalytical Method Development and Validation for Determination of Pharmaceutical Drugs in Biological Samples” Dr. Santosh V. Gandhi at Regional Research Conference ‘INNOVATION – 2016’ for Savitribai Phule Pune University College Teachers in the subject Pharmaceutical Chemistry conducted on 27<sup>th</sup> September 2016 organized by Marathwada Mitra Mandal’s College of Pharmacy, Thergaon, Pune.
20. Oral presentation of research work entitled “Comparison of Chemometric-assisted UV Spectrophotometric and RP-HPLC method for simultaneous determination of Beclomethasone Dipropionate and Salbutamol Sulphate” Santosh V. Gandhi\*, Akshay R. Pahade at International Conference on Recent Trends in Chemometrics held at Hotel Sheraton Grand organized by School of Pharmacy, MIT-WPU between 6-8th February 2020. (Paper Code CHE01, Page 17 of ICORTIC 2020 Souvenir)

❖ **As a co-author:**

1. Poster presentations entitled
  - a. Seminar - an effective teaching aid.
  - b. Role of teacher as a career consultant. .
  - c. Novel techniques to make medicinal chemistry more simple and interesting.  
at 7<sup>th</sup> APTI annual national convention, 2002, Panaji, Goa.
2. Poster presentation entitled “Pharmacy needs to be I.T. savvy” at APTI, 9<sup>th</sup> annual national convention 2004, Vishakhapatnam.
3. Poster presentation of research paper entitled "Chemical investigation of the leaves of Artocarpus heterophyllus Lam. (Jackfruit)" at 2<sup>nd</sup> international Symposium held at Belgaum on DDPR, 10<sup>th</sup>-12<sup>th</sup> Feb. 2006.
4. Poster presentation of research paper entitled “Three dimensional quantitative structure activity relationships (3D-QSAR) of COX-2 and 5-LOX inhibitors” at 2<sup>nd</sup> international Symposium held at belgaum on DDPR, 10<sup>th</sup>-12<sup>th</sup> Feb. 2006.
5. Poster presentation of research paper entitled “Research on antimicrobial agents: Thiazolyl triazoles as a targeted drugs” at 2<sup>nd</sup> international Symposium held at belgaum on DDPR, 10<sup>th</sup>-12<sup>th</sup> Feb. 2006.
6. Poster presentation of research paper entitled “Estimation of Paracetamol and Aceclofenac in Tablet Formulation by Ratio Spectra Derivative Spectroscopy” FP 26, 260 at IPC 2006, Mumbai.
7. Poster presentation of research paper entitled “Estimation of Ofloxacin and Tinidazole in Tablet Formulation by Ratio Spectra Derivative Spectroscopy” FP 28, 261 at IPC 2006, Mumbai.

8. Poster presentation of research paper entitled “Chemical Investigation of the leaves of *Artocarpus heterophyllus* Larn. (Jackfruit)” CP 59, 210 at IPC 2006, Mumbai.
9. Poster presentation of research paper entitled “A crossover study on self medication in Pune region” IP 61, 338 at IPC 2006, Mumbai.
10. Poster presentation of research paper entitled “Spectrophotometric Methods for Determination of Nitazoxanide in Bulk and Tablet Dosage Form and their Comparison to Reported Method” F 91, 412 at IPC 2007, Varanasi.
11. Poster presentation of research paper entitled “Simultaneous Spectrophotometric Determination of Rabeprazole Sodium and Itopride Hydrochloride in Bulk and Capsule Dosage Form” F 93, 412 at IPC 2007, Varanasi.
12. Poster presentation of research paper entitled “HPTLC Method for Simultaneous Determination of Escitalopram Oxalate and Clonazepam in Combined Tablet Dosage Form” F 94, 413 at IPC 2007, Varanasi.
13. Poster presentation of research paper entitled “Design, Synthesis and anticonvulsant screening of some potential nontoxic anticonvulsants using Hybrid Approach” B 257, 212 at IPC 2007, Varanasi.
14. Poster presentation of research paper entitled “Evaluation of Antibacterial and Antifungal Activity of *Vitis vinifera* Leaves” at Guru Ghasidas University, Bilaspur, Chhattisgarh, 18-19<sup>th</sup> January 2008.
15. Poster presentation of research paper entitled “Simultaneous Spectrophotometric Determination of Nitazoxanide and Ofloxacin in Combined Tablet Dosage Form” at “Exploring the Research Platform for Pharmaceutical Product and Process Development” symposium held at Anna University, Tiruchirappalli on 15-16<sup>th</sup> March 2008.
16. Poster presentation of research paper entitled “Colorimetric Estimation of Artesunate in Bulk and Tablet Formulation” at “Exploring the Research Platform for Pharmaceutical Product and Process Development” symposium held at Anna University, Tiruchirappalli on 15-16<sup>th</sup> March 2008.
17. Poster presentation of research paper entitled “RP-HPLC Method for Determination of Olmesartan medoxomil and Hydrochlorothiazide in Tablet dosage form” PA 33, 411 at IPC 2008, New Delhi.
18. Poster presentation of research paper entitled “Simultaneous Determination of Olmesartan Medoxomil and Hydrochlorothiazide from Tablet Formulation by First Order and Ratio Spectra Derivative Spectrophotometric Method” PA 139, 436 at IPC 2008, New Delhi.

19. Poster presentation of research paper entitled “Simultaneous Spectrophotometric Methods for Determination of Nitazoxanide and Ofloxacin in Combined Tablet Dosage Form” PA 140, 436 at IPC 2008, New Delhi.
20. Poster presentation of research paper entitled “Simultaneous HPTLC Determination of Nabumetone and Paracetamol in Combined Tablet Dosage Form” PA 203, 451 at IPC 2008, New Delhi.
- 21 Poster presentation of research paper entitled “High Performance Thin Layer Chromatographic Determination of Diclofenac Sodium and Thiocolchicoside in Fixed Dose Combination” F-284, 580 at IPC 2009, Ahmedabad.
22. Poster presentation of research paper entitled “A Validated Densitometric Method for Analysis of Cefuroxime Axetil and Potassium Clavulanate as the Bulk Drugs and in Combined Tablet Dosage Form” at 20<sup>th</sup> International Symposium on Pharmaceutical and Biomedical Analysis held at Agra during 1-4 March 2009.
23. Poster presentation of research paper entitled “RP-HPLC Determination of Artesunate and Amodiaquine Hydrochloride in Pharmaceutical Dosage Form” at 20<sup>th</sup> International Symposium on Pharmaceutical and Biomedical Analysis held at Agra during 1-4 March 2009
24. Poster presentation of research paper entitled “Validated Densitometric Method for Analysis of Cefpodoxime Proxetil and Potassium Clavulanate in Fixed Dose” at 20<sup>th</sup> International Symposium on Pharmaceutical and Biomedical Analysis held at Agra during 1-4 March 2009
25. Poster presentation of research paper entitled “A NOVEL QSAR MODEL FOR PREDICT THE ANTAGONIST ACTION ON ALPHA-1D RECEPTOR BY PHTHALAZINE DERIVATIVES” Vijay Rakholiya\*, Rohan Bamane, Trupti Chitre, Muthu Kathiravan, **Santosh Gandhi** at Young Researchers Conference 2011 held at Institute of Chemical Technology, Univ. of Mumbai during 13-14<sup>th</sup> January 2011. (CODE - PH 13)
26. Poster presentation of research work entitled “Simultaneous RP-HPLC Estimation of Cilnidipine and Telmisartan in Combined Tablet Dosage Form” Reshma V. Lawand, **Santosh V. Gandhi**, Siddheshwar Suryavanshi, Prajakta Pawar at International ANANT PHARMA Research Conference and Poster Presentation 2013 organized by Rajgad Dnyapeeth’s College of Pharmacy, Bhor during 5<sup>th</sup>-6<sup>th</sup> January 2013.
27. Oral presentation of research work entitled “Phytochemical investigation of *Curcuma caesia* . Roxb.” Reshma V. Lawand, Santosh V. Gandhi, at one day SGB Amravati University sponsored National conference on Advancements in Herbal and Traditional Medicine on 18 March 2013 organized by Govt. College of Pharmacy, Amaravti
28. Poster presentation of research work entitled “Comparision of Curcuma casiea roxb. With other commonly used curcuma species by HPTLC” Reshma V. Lawand, **Santosh V. Gandhi\***, Padma P. Mandhane at UGC sponsored National Conference on Advances in Bioanalytical Techniques (NCABT -2013) on 21<sup>st</sup> and 22<sup>nd</sup> September 2013 organized by BVDU Poona College of Pharmacy, Erandwane, Pune.

29. Poster presentation of research work entitled “Development and validation of UV-Visible Spectroscopic method for estimation of Ferrous sulphate using Alizarin Red Sulphonate and Ethylene Diamine Tetra-acetic acid and their comparison by statistical application” by Abhishek D. Ogale , **Santosh V. Gandhi**, Sankita W. Rege at 67<sup>th</sup> IPC, 2015 held at Mysore between 19<sup>th</sup> - 21<sup>st</sup> December 2015.

30. Poster presentation of research work entitled “HPTLC and Antibacterial Activity Study of Quercitin and Rutin in Ginkgo Biloba Extract Under Accelerated Storage Conditions” by Priyanka S. Ghone\*, Ashwini M. Gaikwad, **Santosh V. Gandhi**, Shivani H. Rao at 67<sup>th</sup> IPC, 2015 held at Mysore between 19<sup>th</sup> -21<sup>st</sup> December 2015.

31. Poster presentation of research work entitled “Development and Validation of UV-Visible Spectroscopic, HPLC And HPTLC Method for Estimation of Ferrous Sulphate in Marketed Formulations Using 1,10-Phenanthroline” by Vrushpria H. Habde\*, Sankita W. Rege, Ashwini M. Gaikwad, **Santosh V. Gandhi** at 67<sup>th</sup> IPC, 2015 held at Mysore between 19<sup>th</sup> -21<sup>st</sup> December 2015.

32. Poster presentation of research work entitled “ Standardization of Bael Churna using Multiple Markers to Determine Seasonal Variation” by Ms. Priyanka B. Wanjul, **Santosh V. Gandhi** & Mrs. Amruta A. Avalaskar at International conference on ‘Advances in Asian Medicine Symposium on Ethnopharmacology - Validation of Traditional Medicine’, organized by Bharti Vidya Peeth Deemed University - Poona College of Pharmacy, held on 4<sup>th</sup> January 2016. (AB-252/EP-PP-38)

33. Poster presentation of research work entitled “Chemometric-assisted UV spectrophotometric method for determination of Ofloxacin and Ornnidazole in pharmaceutical formulation” by Mr. Shreeyash Tapale’ **S. V. Gandhi** at two days state level seminar on “Advanced Techniques of Pharmaceutical Analysis” organized by Seth Govind Raghunath Sable College of Pharmacy on 8<sup>th</sup> and 9<sup>th</sup> January 2016.

34. Ms. Trupti Dilip Dongare, **S. V. Gandhi** has presented a paper in the oral scientific session of “*PHARMAQUORA 2016* ” held in Manipal College of Pharmaceutical Sciences, Manipal University on 4<sup>th</sup> & 5<sup>th</sup> March 2016.

35. Poster presentation of research work entitled “Development and Validation of Stability Indicating HPTLC method for Estimation of Serotrodast” by Miss Ashwini Ighe, **S. V. Gandhi** at one day state level poster presentation competition “*SYNAPSE 2016*” organized by AISSMS College of Pharmacy on 14<sup>th</sup> October 2016.

36. Poster presentation of research work entitled “Development and validation of UV spectrophotometric method for estimation of Terbuataline sulphate and Bromhexine HCl in combined dosage form” by Mayuri Pansare, Nishant Kolhe, Bhagyashree Patil, Shruti Khandve, Mohitosh Mahajan , **Santosh Gandhi** at one day state level poster presentation competition “*SYNAPSE 2018*” organized by AISSMS College of Pharmacy on 16<sup>th</sup> October 2018. (UG-14, Page 21)

37. Poster presentation of research work entitled “Development and Validation of Stability Indicating HPTLC Method for Estimation of Dapsone by Gaurav Patil,, **Santosh Gandhi** at one day state level poster presentation competition “SYNAPSE 2018” organized by AISSMS College of Pharmacy on 16<sup>th</sup> October 2018. (UG-14, Page 21)

38. Poster presentation of research work entitled “Development and Validation of UV Spectrophotometric Method for Estimation of Cefuroxime and Linezolid in Combined Dosage Form” by Neha Sali, Shivam Jaiswal, Vipul Fegade, Vinod Gaikwad, **Santosh Gandhi** at 4<sup>th</sup> METRxPLORE 2019 (UG Research Conference) held at Bhujbal Knowledge City, MET’s Institute of Pharmacy, Nashik on 9<sup>th</sup> February 2019.

39. Poster presentation of research work entitled “Development and Validation of UV Spectrophotometric Method for Estimation of Terbuataline Sulphate and Bromhexine HCl in Combined Dosage Form” by Mayuri Pansare, Nishant Kolhe, Bhagyashree Patil, Shruti Khandve, **Santosh Gandhi** at 4<sup>th</sup> METRxPLORE 2019 (UG Research Conference) held at Bhujbal Knowledge City, MET’s Institute of Pharmacy, Nashik on 9<sup>th</sup> February 2019.

39. Poster presentation of research work entitled “Stability Indicating HPTLC Method Development and Validation for Determination of Vandetanib” by Jyoti S. Galande\* **Santosh V. Gandhi** at state level seminar on Systematic Approach to Spectral Interpretation organized by Seth Govind Raghunath Sable College of Pharmacy, Saswad between 8-9 January 2020

40. Poster presentation of research work entitled “Development and Validation of Stability Indicating HPTLC Method for the Estimation of Ledipasvir” by Priyanka M Pardeshi \* **Santosh V. Gandhi** at SPPU sponsored state level seminar on Systematic Approach to Spectral Interpretation organized by Seth Govind Raghunath Sable College of Pharmacy, Saswad between 8-9 January 2020

41. Oral presentation of research work entitled “Stability Indicating HPTLC Method Development and Validation for Analysis of Prucalopride Succinate” by Mohini S More\* **Santosh V. Gandhi** at SPPU sponsored national workshop on “Exploring the Current Advancement in Chromatographic Techniques” organized by Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research. Pimpri, Pune-411018 between 18-19 January 2020

42. Oral presentation of research work entitled “Development and Validation of Stability Indicating HPTLC Method for the Estimation of Riociguat” by Shradha P Chaudhari\* **Santosh V. Gandhi** at SPPU sponsored national workshop on “Exploring the Current Advancement in Chromatographic Techniques” organized by Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research. Pimpri, Pune-411018 between 18-19 January 2020

43. Oral presentation of research work entitled “Estimation of Lamivudine, Efavirenz and Tenofovir Disoproxil Fumarate in combination with chemometric assisted UV spectrophotometric method” by Shubhada Kailas Jagdale\*, **Santosh V Gandhi** at International Conference on Recent Trends in Chemometrics held at Hotel Sheraton Grand organized by School of Pharmacy, MIT-WPU between 6-8th February 2020. (Paper Code CHE03, Page 19 of ICORTIC 2020 Souvenir)

44. Oral presentation of research work entitled “Simultaneous Spectrophotometric Determination of Omeprazole and Domperidone in Capsule Dosage Form by Chemometric Methods” by Jyoti S. Galande\* **Santosh V. Gandhi** at International Conference on Recent Trends in Chemometrics held at Hotel Sheraton Grand organized by School of Pharmacy, MIT-WPU between 6-8th February 2020. (Paper Code CHE04, Page 20 of ICORTIC 2020 Souvenir)

45. Oral presentation of research work entitled “Chemometrics-Assisted UV Spectrophotometric Method for Determination of Tadalafil and Dapoxetine HCl in Tablet Dosage Form” by Shradha P. Chaudhari<sup>\*</sup>, **Santosh V. Gandhi** at International Conference on Recent Trends in Chemometrics held at Hotel Sheraton Grand organized by School of Pharmacy, MIT-WPU between 6-8th February 2020. (Paper Code CHE05, Page 21 of ICORTIC 2020 Souvenir)

46. Oral presentation at 8th World International Conference on Pharmaceutical Science and Drug Manufacturing of research work entitled "Development and Validation of Stability Indicating HPTLC Method for Estimation of Dolutegravir" by Smruti C. Shinde\* Ayushi G. Gadekar, Anuruddha R. Chabukswar, **Santosh V. Gandhi** at Organized by BioLeagues Worldwide and Association of Pharmaceutical Research (APR) on 17th & 18th April 2021 at Bangkok, Thailand. [ISBN: 978-93-90214-28-0]

47. Oral presentation at 8th World International Conference on Pharmaceutical Science and Drug Manufacturing of research work entitled "Development and Validation of Stability Indicating HPLC Method for Estimation of Valganciclovir" by Namrata G. Bawaskar\* Ayushi G. Gadekar, Anuruddha R. Chabukswar, **Santosh V. Gandhi** at Organized by BioLeagues Worldwide and Association of Pharmaceutical Research (APR) on 17th & 18th April 2021 at Bangkok, Thailand. [ISBN: 978-93-90214-28-0]

48. Oral Presentation of research work “Development and Validation of Stability Indicating HPTLC Method for Determination of Iguratimod in Bulk and Pharmaceutical Dosage Form” by Manisha S. Jagtap\*, **Santosh V. Gandhi** at AICTE Sponsored International Conference on “Natural Products For Drug Discovery and Development towards Healthier Life in the 21<sup>st</sup> Century: Research, Innovation and Ideas” held at Modern Institute of Pharmaceutical Sciences, Indore. M.P. on 12th March, 2022

49. Oral Presentation of research work “Development and Validation of UV Spectrophotometric Method for Estimation of Benzonatate in Bulk and Soft Gelatin Capsule Dosage Form” by Shivani R. Sawarkar\*, **Santosh V. Gandhi** at AICTE Sponsored International Conference on “Natural Products For Drug Discovery and Development towards Healthier Life in the 21<sup>st</sup> Century: Research, Innovation and Ideas” held at Modern Institute of Pharmaceutical Sciences, Indore. M.P. on 12th March, 2022

50. Oral Presentation of research work “Development and Validation of Stability Indicating HPTLC Method for Determination of Favipiravir in Bulk and Pharmaceutical Dosage Form” by Hanmant Bade\*, **Santosh V. Gandhi** at AICTE Sponsored International Conference on “Natural Products For Drug Discovery and Development towards Healthier Life in the 21<sup>st</sup> Century:

Research, Innovation and Ideas" held at Modern Institute of Pharmaceutical Sciences, Indore. M.P. on 12th March, 2022

51. Oral Presentation of research work "Method Development and Validation for Estimation of Remogliflozin Etabonate in Dissolution Media using UV-Vis Spectrophotometer" by Varsharani S. Pawar\*, **Santosh V. Gandhi** at AICTE Sponsored International Conference on "Natural Products For Drug Discovery and Development towards Healthier Life in the 21<sup>st</sup> Century : Research, Innovation and Ideas" held at Modern Institute of Pharmaceutical Sciences, Indore. M.P. on 12th March, 2022

52. Poster presentation of research work "Development and validation of stability indicating method for determination of Iguratimod in bulk and pharmaceutical dosage form" by Prajakta chauthe\*, Manisha Jagtap, **Santosh V. Gandhi** at two days international conference on "Recent Innovation: A holistic and Integrated Approach to Pharmaceutical Science" organized by Sir Dr. M.S. Gosavi College of Pharmaceutical education and Research, Nashik on 23rd - 24 th September 2022. (Prajakta Chauthe won the Third prize)

53. Poster presentation of research work "HPLC Method development and validation for estimation of Remogliflozin etabonate in bulk, formulation and dissolution media " by Vrushali D. Varpe\*, Varsharani S. Pawar, **Santosh V. Gandhi** at two days international conference on "Recent Innovation: A holistic and Integrated Approach to Pharmaceutical Science" organized by Sir Dr. M.S. Gosavi College of Pharmaceutical education and Research, Nashik on 23rd - 24 th September 2022.

54. Poster presentation of research work "Development and Validation of Stability Indicating HPTLC Method for Ceritinib in Bulk and Formulation" by Abhijeet V. Bidkar\*, Shivani R. Sawarkar, **Santosh V. Gandhi** at two days international conference on "Recent Innovation: A holistic and Integrated Approach to Pharmaceutical Science" organized by Sir Dr. M.S. Gosavi College of Pharmaceutical education and Research, Nashik on 23rd - 24 th September 2022.

55. Poster presentation of research work "Development and Validation of Dissolution Method for Zidovudine Tablets by RP-HPLC" by Sudarshan D. Galgunde\*, Vinod V. Gaikwad, **Santosh V. Gandhi** at two days international conference on "Recent Innovation: A holistic and Integrated Approach to Pharmaceutical Science" organized by Sir Dr. M.S. Gosavi College of Pharmaceutical education and Research, Nashik on 23rd - 24 th September 2022.

56. Online poster presentation of inhouse research work entitled "Development and Validation of Chemometric Method for Determination of Drugs" by Pratiksha Waghmare, Sakshi Wable, Ishwari Sapkal, **Santosh Gandhi** at online National Level Scientific Poster Competition organized by P. Wadhwani College of Pharmacy, Yawatmal on 25<sup>th</sup> September 2022.

57. Poster presentation of research work "Development and Validation of Stability Indicating HPLC Method for Pretomanid" by Prajakta Chauthe\*, **Santosh Gandhi** at 72<sup>nd</sup> Indian Pharmaceutical Congress held at Nagpur on 20-22 January 2023

58. Poster presentation of research work “Chemometric Assisted UV Spectrophotometric Method for Quantification of Emtricitabine and Tenofovir Disoproxil Fumarate” by Vrushali D. Varpe\*, Smruti C. Shinde, **Santosh V. Gandhi** at 72<sup>nd</sup> Indian Pharmaceutical Congress held at Nagpur on 20-22 January 2023

59. Poster presentation of research work “Development and Validation of HPLC Method for Estimation of Iguratimod in Formulation and its Dissolution Media” by Samriddhi S. Pachpor\*, Santosh V. Gandhi, Manisha S. Jagtap at SCIENTIA 2024 Conference organized by Arvind Gavali College of Pharmacy, Satara on 02/02/2024.

60. Poster presentation of research work “Stability Indicating HPLC Method for Estimation of Benzonatate in Bulk and Soft Gelatin Capsule Dosage Form” by Pallavi M. Pohane\*, Santosh V. Gandhi, Shivani R. Sawarkar at SCIENTIA 2024 Conference organized by Arvind Gavali College of Pharmacy, Satara on 02/02/2024.

61 Oral Presentation on Research Topic “Analytical Method Development and Validation for Estimation of Drugs in Multicomponent Formulation by HPLC” by Rutuja Bacche, **Santosh V. Gandhi**, Sanket Nanekar at International Conference on Advances in Pharmaceutical Science Research: Traditional to Novel Approaches organized by Dattakala Shikshan Sanstha’s Institute of Pharmaceutical Sciences and Research, Bhigwan on 20<sup>th</sup> and 21<sup>st</sup> February 2025.

62. Oral Presentation on Research Topic “Analytical Method Development and Validation for Estimation of Drugs in Bulk and Tablet Dosage Form” by Pratiksha Taware, **Santosh V. Gandhi**, at International Conference on Advances in Pharmaceutical Science Research: Traditional to Novel Approaches organized by Dattakala Shikshan Sanstha’s Institute of Pharmaceutical Sciences and Research, Bhigwan on 20<sup>th</sup> and 21<sup>st</sup> February 2025.

63. Poster Presentation on Research Topic “Simultaneous Estimation of Tolperisone and Etoricoxib in Bulk and Tablet Dosage Form by Spectrophotometric Methods” by Shrushti Bodake, Shreya Ambilwade, Pallavi Andhale, Amit Jamode at National Level Undergraduate Research Conference METRxplore 2025 organized by MET Institute of Pharmacy, Nasik on 8th March 2025.

### **CONFERENCES/ SYMPOSIA/CONVENTIONS ATTENDED:**

1. APTI Conventions [7<sup>th</sup> (Panji, Gao), 9<sup>th</sup> (Vishakhapatnam) and 10<sup>th</sup> (Nagpur)]
2. Indian Pharmaceutical Congress [54<sup>th</sup> (Pune), 55<sup>th</sup> (Chennai), 57<sup>th</sup> (Hyderabad) and 58<sup>th</sup> (Mumbai), 59<sup>th</sup> (Varanasi)]
3. 2<sup>nd</sup> International symposium on DDPR, 10<sup>th</sup> -12<sup>th</sup> Feb. 2006, Belgaum.
4. 19<sup>th</sup> International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2008) organized by Medical University of Gdansk, Gdansk, Poland during 8-12 June 2008
5. Attended University of Pune (BCUD) INNOVATION 2008-2009 regional conference for Pune University College Teachers on 21<sup>st</sup> -22<sup>nd</sup> Nov. 2008 held at SGRS College of Pharmacy, Saswad.

6. Attended University of Pune (BCUD) INNOVATION 2009-2010 regional conference for Pune University College Teachers on 5th -6<sup>th</sup> January 2009 held at SGRS College of Pharmacy, Saswad.
7. Attended University of Pune (BCUD) INNOVATION 2010-2011 regional conference for Pune University College Teachers on 28<sup>th</sup> – 29<sup>th</sup> Oct. 2010 held at Amrutvahini College of Pharmacy, Sangamner.
8. National Conference on Pharmaceutical Analysis (NCPA 2011) organized by UDCT, Aurangabad during 16<sup>th</sup>-17<sup>th</sup> September 2011.
9. Attended University of Pune (BCUD) INNOVATION 2011-2012 regional conference for Pune University College Teachers on 18<sup>th</sup> -19<sup>th</sup> March 2012 held at Allard College of Pharmacy, Pune.
10. 19<sup>th</sup> APTI Convention, Pune. 28-30 November 2014
11. Attended (BCUD) INNOVATION 2015 regional research conference for Savitribai Phule Pune University College Teachers on 29<sup>th</sup> June 2015 organized by Sinhgad College of Pharmacy, Vadgaon, Pune.
12. Attended (BCUD) INNOVATION 2016 regional research conference for Savitribai Phule Pune University College Teachers on 27<sup>th</sup> September 2016 organized by Marathwada Mitra Mandal's College of Pharmacy, Thergaon, Pune.
13. Attended one day state level poster presentation competition “SYNAPSE 2016” organized by AISSMS College of Pharmacy on 14<sup>th</sup> October 2016
14. Attended three-day International Conference on “Recent Trends in Chemometrics” held at Hotel Sheraton Grand organized by School of Pharmacy, MIT-WPU between 6-8th February 2020.
15. Participated in one day regional meet for Institutions Innovation Council and MoEs Innovation Cell organized by Symbiosis International University, Pune on 01<sup>st</sup> August 2022.

#### **WORKSHOPS / SEMINARS/REFRESHER COURSE ATTENDED:**

1. Attended “**Refresher Course cum Workshop for Pharmacists and Teachers**” conducted on 4<sup>th</sup> and 5<sup>th</sup> March 2000 by BV’s Poona College of pharmacy, Pune.
2. Attended one week AICTE-ISTE sponsored short term training programme titled “**Emerging Trends in Pharmaceutical Education and Practice**” at Nagpur College of pharmacy from 28<sup>th</sup> Oct. 2002 to 1<sup>st</sup> Nov. 2002.
3. Participated in two day National workshop for pharmacy teachers on 23<sup>rd</sup> and 24<sup>th</sup> Nov. 2003 at Hyderabad on the topic “**Pharmacy Education for Future Industry Needs**” organized by KUPAAH and G. Pulla Reddy College of pharmacy, Hyderabad.
4. Completed short-term course conducted at the Western Regional Instrumentation Centre, University of Mumbai from 10<sup>th</sup> -15<sup>th</sup> May 2004 on “**Modern Instrumental Techniques**”.

5. Participated in AICTE sponsored seminar on “**Pollution and Health hazards**” conducted on 16<sup>th</sup> Sept. 2004 by Sinhgad College of Pharmacy, Pune.
6. Participated in three week UGC sponsored refresher course in the subject “**Instrumental Methods of Pharmaceutical Analysis**” from 25<sup>th</sup> Oct. 2004 to 11<sup>th</sup> Nov. 2004 and attained ‘**A**’ Grade organized by Kakatiya University, Warangal, Andhra Pradesh.
7. Completed staff development programme organized by NITTTR, Bhopal on the topic “**Developing Teaching Competencies for Pharmacy College Teachers**” during 17<sup>th</sup> - 28<sup>th</sup> Jan 2005 at NITTER Extn centre, Pune.
8. Participated in the Quality Improvement programme on “**Trends in Pharmaceutical Analysis**” organized under the sponsorship of AICTE by Nodal cell of J.S.S. College of pharmacy from 14<sup>th</sup> Feb.-20<sup>th</sup> Feb. 2006.
9. Attended one day workshop on “**Computer Aided Drug Discovery**” organized by AISSMS College of pharmacy, Pune on 03<sup>rd</sup> April 2006.
10. Attended two days training course on “**High Performance Thin Layer Chromatography**” conducted by Anchrom, Mumbai on 17<sup>th</sup> and 18<sup>th</sup> Nov, 2006.
11. Have undergone two days exhaustive training course on “**Vlife Molecular Design Software**” at Vlife Sciences Pvt. Ltd., Pune in December 2006.
12. Attended training program on “**Advanced Analytical Techniques**” jointly organized by Sinhgad College of Engineering, Pune & Chemito Technologies Pvt. Ltd, Pune conducted on 12 – 14 January 2007.
13. Attended two days international seminar –cum- workshop on “**Computational Drug Discovery in Pharma R & D**” organized by NMIMS University, Mumbai on 6-7<sup>th</sup> August 2007.
14. Attended one day seminar on “**Patents and Patent filing**” organized by Principal K.M. Kundnani College of pharmacy, Mumbai on 15<sup>th</sup> Dec 2007.
15. Attended national seminar on “**Advances in Drug Discovery and Development**” at Guru Ghasidas University, Bilaspur, Chhattisgarh, 18-19<sup>th</sup> January 2008.
16. Attended University of Pune one day seminar on “**Biological Screening Techniques in Drug Discovery**” held at AISSMS College of Pharmacy, Pune on 13<sup>th</sup> January 2011.
17. Attended one day state level workshop on “**Flash Chromatography**” organized by BVP’s Poona College of Pharmacy held on 25<sup>th</sup> October 2013
18. Attended Savitribai Phule Pune University sponsored two day state level seminar on “**QbD in Formulation Development**” held at AISSMS College of Pharmacy, Pune on 21<sup>st</sup> and 22<sup>nd</sup> January 2015.

19. Attended Savitribai Phule Pune University sponsored one day state level seminar on “**Role of Medicinal Chemist and Phytochemist in Drug Discovery**” held at AISSMS College of Pharmacy, Pune on 12<sup>th</sup> February 2016.
20. Attended technical seminar on topics synthesis system, ICP-OES, FT-IR at Pride Hotel, Shivajinagar, Pune on 5<sup>th</sup> July 2016 organized by Labindia Analytical Instruments Pvt. Ltd.
21. Attended “Academic and Research Coordinators Workshop” on 22<sup>nd</sup> September 2016 organized by Modern college of Arts, Science and Commerce, Shivajinagar, Pune in association with BCUD, SPPU, Pune
22. Attended Savitribai Phule Pune University sponsored one day state level seminar on “**Insights on Different Funding Agencies and Research Proposal Writing**” held at AISSMS College of Pharmacy, Pune on 31<sup>st</sup> January 2016.\
23. Attended one day workshop on “**Qbd Approach For Pharmaceutical Development ‘The Road Ahead**” organised by Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri on 14<sup>th</sup> OCTOBER 2017
24. Attended Savitribai Phule Pune University sponsored two days national level seminar on “**“Invitro Invivo Correlation”** held at AISSMS College of Pharmacy, Pune on 17<sup>th</sup> -18<sup>th</sup> January 2019.
25. Attended Training Program entitled “Instrumentation, Working and Applications of Pharmaceutical Product Testing Equipments” organized by Electrolab India Pvt. Ltd., Mahape, Navi Mumbai, on 15<sup>th</sup> March 2019
26. Attended faculty development programme on “NBA Accreditation” Organized by AISSMS IOIT, Pune and conducted by Dr. Rayapati Subbarao (NITTTR, Kolkata). FDP lasted for five days from 22/4/2019- 26/4/2019
27. Attended technical seminar on topics NMR, FT-IR, Microwave technology at Hotel Pride, Shivajinagar, Pune on 31<sup>st</sup> July 2019 organized by Labindia Analytical Instruments Pvt. Ltd.
28. Completed online course "Artificial Intelligence and Drug Discovery" on 17/04/2020 offered by SVERI COP, Pandharpur
29. Completed “Foundation Course in Educational Methodology” organized by APTI during April-May 2020
30. Completed online course of “Basics of Patent and Patent Search” by ThirdIP LPP on 05/05/2020

31. Attended three days National level online STTP on "E-Content Development" in the changing education scenario organized by Sanjivani College of Pharmaceuticsl Education and Research between 15/05/2020 to 17/05/2020
32. Attended two days online FDP on Outcome Based Education: Need of Hour organized by Sitabai Thite COP Shirur on 19/05/2020 and 20/05/2020
33. Attended five days e- FDP on "Building Research and Innovative Culture among Pharmacy Teachers" organized by DYCOP, Pimpri between 18/05/2020 to 22/05/2020
34. Attended MHRD FDP on "Teachers and Ethics: Balance in Research, Teaching, Socio-profesional Values and Attitute" organized by MSGCOPER, Nasik between 20/05/2020 to 25/05/2020
35. Attended FDP organized by AISSMS COE between 25/05/2020 to 29/05/2020 on Promoting Quality Culture in Technical Institutions
36. Participated in one week faculty development program on "Perspectives of Online Teaching and Learning" organized by GRIET, Hyderabad between 08-13 June 2020
37. Attended International Webinars Under Faculty Development Program" Current Scenario: Pharmacy Practice and Technology" organized by AISSMS College of Pharmacy, Pune between 17th to 21st June 2020
38. Attended AICTE Sponsored Online FDP on "Quality Analysis in Herbal Drug Research" between 03/08/2020 and 04/08/2020 organized by Rajarambapu College of Pharmacy, Kasegaon.
39. Attended AICTE-ATAL Sponsored Online FDP on "Chromatography: Advancements in Instrumentation and Applications" between 12 -16 October 2020 organized by Dr D Y Patil Institiute of Pharmaceutical Sciences and Research, Pune.
40. Attended NBA Awareness program organized by Association of the Managements of Un-Aided Engineering Colleges (Maharashtra) between 11 - 14 May 2021.
41. Attended AICTE-ATAL Sponsored Online FDP on "Innovation Management for Nurturing Entrepreneurship Culture in Educational Institutes" between 21/06/2021 to 25/06/2021 organized by Bombay College of Pharmacy, Mumbai.
42. Attended International FDP on "Research and Regulatory Requirement: An Industry Perspective" on 16/11/2021 organized by AISSMS College of Pharmacy, Pune
43. Attended International Webinar Series on Artificial Intelligence in Drug Discovery organized by Shri Vile Parle Kelavani Mandal's Institute of Pharmacy, Dhule between 16/02/2022 to 18/02/2022

44. Attended Institutions Innovation Council MoE's Innovation Cell Regional Meet on 08-01-2022 organized by Symbiosis International University, Pune
45. Attended APTI Sponsored National e-FDP on "Empowering Academicians and Researchers in Mastering Grant Writing & Quality Publications" between 11th-16th March 2024 organized by School of Pharmaceutical Sciences, Sandip University, Nasik
46. Attended International FDP on topic "Insights into Drug Discovery, Development and Regulation" between 26th Dec 2024 to 2nd Jan 2025 organized by AISSMS College of Pharmacy, Pune

#### **PARTICIPATION AS RESOURCE FACULTY:**

1. **Advanced Instrumental Techniques** –at Pravara Rural College of Pharmacy, Pravaranagar, on 20<sup>th</sup> November 2005
2. **QSAR and Molecular Modeling** – at R. C. Patel college of Pharmacy, Shirpur, MH on 05/04/2008.
3. **2 D and 3D QSAR, Molecular Modeling** – at Swami Ramanand Tirth Marathwada University, Nanded, MH on 29/04/2008
4. **Molecular Modeling** - at Modern College of Pharmacy, Nigdi, Pune on 17/05/2008
5. **QSPR** – at AICTE Sponsored two week Staff Development Program on " New Advances in Drug Design" at AISSMS College of Pharmacy, Pune on 25<sup>th</sup> November, 2008.
6. **Computer Aided Drug Design** – at University of Pune sponsored three days national seminar on "Recent Trends in Drug Design and Drug Discovery" organized by Pravara Rural College of Pharmacy, Pravaranagar on 3<sup>rd</sup> December 2008
7. **Structure Based Drug Design** – at two day lecture series organized by Modern College of Pharmacy, Moshi, Pune on 6<sup>th</sup> December 2008.
8. **QSAR and Molecular Modeling** – at Govt. college of Pharmacy, Aurangabad, MH on 18<sup>th</sup> January 2009
9. **Structure Elucidation by IR Spectroscopy**- at Singhgad College of Pharmacy, Narhe, Pune on 10<sup>th</sup> February 2009
10. **SMILE Technique:** at Institute of Biotechnology, Shivajinagar in April 2009
11. **Structure Elucidation by NMR Spectroscopy**- at Singhgad College of Pharmacy, Narhe, Pune on 16<sup>th</sup> October 2010.
12. **IR Interpretation and LC-MS** - at Singhgad College of Pharmacy, Narhe, Pune on 23<sup>rd</sup> October 2010.
13. **Structure Elucidation** - during teachers training workshop at JSPM Narhe Technical Campus on 07<sup>th</sup> July 2011
14. **Thermal Methods of Analysis** – at Singhgad institute of Pharmacy, Narhe, Pune on 26<sup>th</sup> November 2011

**15. IR Interpretation** – at Rajarshi Shahu College of Pharmacy and Research on 09<sup>th</sup> December 2011

**16. Bioanalysis** – at Geetanjali College of Pharmacy, Hyderabad on 27<sup>th</sup> March 2012 at Dravyaka 2012, 3<sup>rd</sup> National Level Congress.

**17. QSAR and Molecular Modeling** – at Sitabai Thite College of Pharmacy, Shirur, MH on 21<sup>st</sup> July 2012.

**18. Interpretation of IR Spectra** - at Singhgad Institute of Pharmacy, Narhe, Pune on 27<sup>th</sup> October 2012.

**19. Advances in Analytical Techniques: IR, NMR and Mass data interpretation** – to postgraduate students and faculty of Pharmacy through video conferencing at JSPM's corporate office, Katraj on 29/12/2012

**20. Bioanalysis** – at MAEER's Maharashtra Institute of Pharmacy, Pune on 25<sup>th</sup> Feb 2013 for University of Pune Sponsored One Day Conference on “Trends in HPLC Techniques”

**21. Cost Analysis** – at AICTE sponsored two weeks faculty development programme on “Role of Industry –Institute interface for academic excellence in Pharmacy” organized by Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune -411044 from 18<sup>th</sup> Nov 2013 – 2<sup>nd</sup> Dec. 2013

**22. Good Laboratory Practices** – at Jaywant Institute of Pharmacy, Tathawade Campus under MSBTE sponsored one week programme on 28/01/2014

**23. Structure Elucidation by NMR Spectroscopy**- at AICTE sponsored 02 week Faculty Development Programme on “Recent Advances in Pharmaceutical Analysis” held during 22<sup>nd</sup> Feb. 2014- 08<sup>th</sup> Feb 2014 organized by School of Pharmacy, SRTM University Nanded on 01/03/2014

**24. Stability Indicating Method Development and Validation** – at College of Pharmacy, Solapur on 29<sup>th</sup> March 2014 to faculty and Postgraduate students of Quality Assurance Techniques.

**25. Computer Aided Drug Design (SBDD)** - – at two day scientific symposium on “Emerging Trends in Drug Design and Drug Discovery” under Lead college scheme of Shivaji University, Kolhapur organized by Ashokrao Mane College of Pharmacy, Peth Vadgaon on 31<sup>st</sup> January 2015.

**26. Analytical Instrumentation and Method Validation** – at Savitribai Phule Pune University national seminar on “ Hands on Experimental Pharmacology and Analytical Instrumentation” organized by Marathwada Mitra Mandal's College of Pharmacy, Kalewadi on 14<sup>th</sup> February 2015.

**27. Quality by Design in Pharmaceutical Analysis** - at AICTE sponsored two days national conference on “Quality by Design in Pharmaceuticals” on 17/07/2015 organized by Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune from 16<sup>th</sup> – 17<sup>th</sup> July 2015.

**28. “Research Methodology and Scientific Paper Writing”** – at MET Institute of Pharmacy, Adgaon, Nashik on 26<sup>th</sup> September 2015.

**29. Interpretation of IR spectrum** – under IPA Initiative-Lecture on Demand series at Allana Institute of Pharmacy, Computer & Digital Room. Azam Campus, Pune on 27<sup>th</sup> August 2016 (Saturday)

**30. Structure Elucidation by IR Spectroscopy** – at one day National Conference on “Spectroscopic Interpretation of Organic Compounds” organized by R. C. Patel college of Pharmacy, Shirpur, MH on 24<sup>th</sup> September 2016

**31. “Inferential Statistical Methods”** – to faculty and students at Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune on 26/11/2016

**32. Quality Audit** – at Savitribai Phule Pune University sponsored two day national level seminar on “ Current Trends in Quality Assurance Techniques” organized by Sanjivani College of pharmaceutical Education and Research, Kopargaon scheduled on 10<sup>th</sup> and 11<sup>th</sup>January 2017. (on 11/01/2017)

**33. HPTLC (Principle and Applications)** - at Two days State Level Workshop on ‘Advanced Instrumentation and Analysis Techniques’ on 3<sup>rd</sup> and 4<sup>th</sup> February, 2017 Organized by Department of Microbiology of Vidya Pratishthan’s Arts, Science and Commerce College, Baramati in collaboration with Vidya Pratishthan’s School of Biotechnology, Baramati, Sponsored by Quality Improvement Program, B.C.U.D., S.P.P.U. Pune. (on 04/02/2017)

**34. UV-Visible Spectroscopy** – One day session at Loknete Shri Dadapatil Pharate College of Pharmacy, Mandavgan Pharata on 05/08/2017

**35. Differential Scanning Calorimetry** – at two days national level seminar on “Recent Advances in Spectroscopic and Analytical Techniques” organised by Modern College of Pharmacy, Moshi, Pune on 11<sup>th</sup> February 2018.

**36. “Recent Trends in Spectroscopy”** – at KYDSCT’s College of Pharmacy, Sakegaon, Bhusawal on 14/07/2018

**37. Structure Elucidation by Mass Spectroscopy** – at Sinhgad Institute of Pharmaceutical Sciences, Lonawala on 29/09/18

**38. Structure Elucidation by NMR Spectroscopy** – at Siddhant College of Pharmacy, Sadumbre on 30/09/18

**39. Preparation of GPAT 2019** – at SVERI College of Pharmacy, Pandharpur on 04/10/18.

**40. Structure Elucidation by IR Spectroscopy** – at SVERI College of Pharmacy, Pandharpur on 19<sup>th</sup> – 20<sup>th</sup> January 2019.

**41. Hands on training session on Instrumental Methods of Analysis** – at SVERI College of Pharmacy, Pandharpur on 09<sup>th</sup> February 2019.

**42. Chromatographic Techniques** – at Dattakala College of Pharmacy, Bhigwan on 13/07/19.

**43. Approach of QbD in Analytical Method Development** – at College of Pharmacy, Solapur on 25<sup>th</sup> July 2019.

**44. Motivational Speech** – at Shardabai Pawar Institute of Pharmaceutical Sciences and Research, Baramati on 25<sup>th</sup> January 2020.

**45. NMR and Mass Spectroscopy** – at SVERI College of Pharmacy, Pandharpur on 07<sup>th</sup> – 08<sup>th</sup> March 2020.

**46. Bioanalysis** – at National Level WebTalk Series organized by Rajarambapu College of Pharmacy, Kasegaon on 10/07/2020.

**47. Instrumental Methods of Analysis** – at Webinar Series organized by Yashoda College of Pharmacy, Satara on 01/08/2020

**48. Infrared Spectroscopy** – at Webinar organized by MGV Samajshri Prashanrdada Hirey College of Pharmacy, Malegaon on 22/10/2020

**49. Stability Testing of Pharmaceuticals** – at AICTE sponsored Faculty Development Programme (FDP) on “Emerging Trends and Challenges in Techno-stabilization of Pharmaceuticals organized by Bharati Vidyapeeth College of Pharmacy, Kolhapur on 22/10/2021 and 12/11/2021

**50. Molecular Modeling in Drug Design** – at student and faculty development program organized by KES’s Rajarambapu College of Pharmacy, Kasegaon on 04/03/2022.

**51. Biostatistics and Experimental Design** - at SVERI College of Pharmacy, Pandharpur on 21st May 2022.

**52. Standardization of Herbals with Chromatographic Techniques** – at LSFPEF’s Homoeopathic Medical College, Near Elpro Company, behind P.C.M.C Auditorium, Pimpri - Chinchwad, Maharashtra 411033 on 12<sup>th</sup> July 2024

**53. IR Interpretation and Structural Elucidation Techniques** – at One Week Online Faculty Development Program on “Trends and Recent Advancements in Analytical Techniques” from 16<sup>th</sup> to 23<sup>rd</sup> August 2024 organized by Dattakala Shikshan Sanstha’s Institute of Pharmaceutical Science & Research, Bhigwan in association with (APTI), Maharashtra State Branch (23<sup>rd</sup> August 2024).

**54. Principle and Interpretation of IR Spectra** – as part of ELS between AISSMS COP and R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur on 17<sup>th</sup> January 2025

**55. Mass Spectrometry and Interpretation** – at ADT’s School of Pharmacy & Research Centre, Baramati on 22<sup>nd</sup> March 2025

**56. Adavances and Applications of odern Separation Techniques: HPLC, GC, HPTLC and Hyphenated Techniques** - at Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune on 25<sup>th</sup> March 2025

**REVIEWER:**

- ❖ Journal of AOAC International
- ❖ Spectrochimica Acta
- ❖ Journal of Pharmaceutical and Biomedical Analysis
- ❖ Journal of Chromatographic Science
- ❖ Journal of Planar Chromatography
- ❖ Journal of Liquid Chromatography and Related Technologies
- ❖ The Chemical Society of Ethiopia and
- ❖ Several National and International Journals Journals

**➤ NPTEL/SWAYAM/PEDAGOGY COURSES:**

- Successfully completed four weeks' online course from National Programme on Technology Enhanced Learning (NPTEL) of Study Webs of Active Learning for Young Aspiring Minds (SWAYAM) on "**Stress Management**" between 29<sup>th</sup> July -28<sup>th</sup> August 2019 with 85 percentile.
- Successfully completed eight weeks course (MOOC) FDP on "**Transforming Teaching Learning Process Through Modern Pedagogical Techniques**" organized by Department of Pharmacy, Government Polytechnique, Jalgaon as a part of UKIERI AICTE project between 10/01/2020 to 05/03/2020.
- Successfully completed four weeks online course from National Programme on Technology Enhanced Learning (NPTEL) of Study Webs of Active Learning for Young Aspiring Minds (SWAYAM) on "**Biostatistics and Design of experiments**" between 27<sup>th</sup> January -20<sup>th</sup> March 2020 with 55 percentile.
- Successfully completed four weeks online course from National Programme on Technology Enhanced Learning (NPTEL) of Study Webs of Active Learning for Young Aspiring Minds (SWAYAM) on "**Body Language: Key to Professional Success**" between 26<sup>th</sup> July -20<sup>th</sup> August 2021 with 71 percentile.
- Successfully completed four weeks online course from National Programme on Technology Enhanced Learning (NPTEL) of Study Webs of Active Learning for Young Aspiring Minds (SWAYAM) on "**Brief Introduction to Psychology**" between 25<sup>th</sup> July -19<sup>th</sup> August 2022 with 61 percentile.

**Dr. Santosh V. Gandhi**

**31<sup>st</sup> July 2025**