



**All India Shri Shivaji Memorial Society's  
College of Pharmacy, Kennedy Rd, Pune-411 001.**

Establishment 1996; Affiliated to Savitribai Phule Pune University,  
Approved by AICTE & Recognized by PCI  
Accredited by NBA (B. Pharm Course); 2f/12B Recognition by UGC  
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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: 17 yrs.
- ❖ Research: 12 Yrs

**AREAS OF INTEREST:**

Method Development and Validation for Bulk Drug and Products  
Stability Testing of Drugs and Pharmaceuticals  
Herbal Drug Standardization

Computer Aided Drug Design

Chemometric Analysis

### **Ph.D. STUDENTS GUIDED: 01**

- ❖ 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: 54**

- ❖ Approved as PG guide by Savitribai Phule Pune University and guided 54 M. Pharm students

### **BOOKS AUTHORED: 04**

Name of Book: SETHI'S HPLC

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)

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### **PROFESSIONAL AFFILIATIONS:**

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

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

- ❖ No. of Inhouse Projects: 06
- ❖ No. of Funded Research Projects (University/Industry): 04
- ❖ Amount of Research Grant Received: 5 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:**

- ❖ Working as Academic Research Co-ordinator for Savitribai Phule Pune University
- ❖ Working as Staff Editor for College Newsletter “PHARMAVOICE”
- ❖ Working as Staff Incharge for Purchase
- ❖ Working as Educational Tour In charge
- ❖ Working as College Website Governance and ERP Software In charge
- ❖ Preparation of documents for Shikshan Shulka Samiti
- ❖ Working experience with Placement cell, Sport committee.
- ❖ Member of IQAC Committee, College Development Committee, Steering Committee for NAAC, Research Advisory Committee, Library Advisory Committee
- ❖ 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” (2010-11)
- ❖ 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

## 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 Scholarship during M. Pharm. Course.
- ❖ Received Dr. P.D. Sethi award 2008 (Certificate of merit) for research paper in pharmaceutical analysis awarded by Kongshosh 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.

## PUBLICATIONS:

- ❖ REVIEWS: 06
- ❖ NATIONAL RESEARCH PUBLICATIONS: 15
- ❖ INTERNATIONAL RESEARCH PUBLICATIONS: 109
- ❖ H index - 19
- ❖ i10 Index - 31
- ❖ No of Citations - 843

### \*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.

**\*NATIONAL RESEARCH PUBLICATIONS\***

1. Bodhankar S.L.\*, Vyawahare 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.\***, Vyawahare 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-BIPHENYLYLACETIC 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.

**\*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 Hydrochlorothiazide 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



Torseamide 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.
37. Veena G. Kulkarni, **Santosh V. Gandhi\***, Padmanabh B. Deshpande, Poonam H. Chaube, “High Performance Thin Layer Chromatographic Analysis of Paracetamol and Lornoxicam in Combined Tablet Dosage Form” Der Chemica Sinica, 2 (1), 2010, 182-188.
38. Poonam N. Ranjane, **S. V. Gandhi\***, Sayali S. Kadukar, Kailash G. Bothara, “ Stability Indicating RP-LC Method for the Determination of Gemifloxacin Mesylate” Chromatographia, 2010, 71 (11/12), 1113-1117
39. Kapil S. Khandagle, **Santosh V. Gandhi\***, Padmanabh B. Deshpande, Nilesh V. Gaikwad, “A Simple and Sensitive RP-HPLC Method for Simultaneous Estimation of Cefixime and Ofloxacin in Combined Tablet Dosage Form” International Journal of Pharmacy and Pharmaceutical Sciences, 3(1), 2011, 46-48.
40. Vasudha B. Pisal, Padmanabh B. Deshpande \*, **Santosh V. Gandhi**, Yogeshwari Bhangale, “High Performance Thin Layer Chromatographic Determination of Potassium Clavulanate and Cefadroxil in Combined Tablet Dosage Form” Der Pharmacia Sinica, 2 (2), 2011, 79-85.
41. **Santosh V. Gandhi\***, Sandeep S. Ranher, Padmanabh. B. Deshpande and K. Shah, “Simultaneous HPTLC Determination of Nabumetone and Paracetamol in Combined Tablet Dosage Form” J. Braz. Chem. Soc. 22 (6), 2011, 1068-1072.

42. Madhura V. Dhoka\*, Vandana T. Gawande, Pranav P. Joshi, **Santosh V. Gandhi** “Studies on Formulation Development of Cefixime Trihydrate and Erdosteine Capsules” *IJPI’s Journal of Pharmaceutics and Cosmetology*, 1 (3), 2011, 62-68.
43. P. B. Deshpande\*, **S. V. Gandhi**, A. V. Patel, V. A. Khandelwal, U. V. Bhavsar, B. P. Pawaskar, “High Performance Thin Layer Chromatographic Determination of Ethinylestradiol and Norgestimate in Combined Tablet Dosage Form” *Research J. Pharm. and Tech.* 4(4), April 2011, 582-584.
44. Veena G. Kulkarni, **Santosh V. Gandhi\***, Padmanabh B. Deshpande, Poonam H. Chaube “A Validated RP-HPLC Method for Simultaneous Estimation of Paracetamol and Lornoxicam in Combined Tablet Dosage Form” *International Journal of Pharmacy and Pharmaceutical Sciences*, 3 (3), 2011, 225-227.
45. Vasudha B. Pisal, Padmanabh B. Deshpande\*, **Santosh V. Gandhi**, Yogeshwari Bhangale, “A Validated RP-HPLC Method for Analysis of Cefadroxil and Potassium Clavulanate as Bulk Drugs and in Combined Tablet Dosage Forms” *The Pharma Review*, May-June 2011, 133-136.
46. Padmanabh Deshpande\*, **Santosh Gandhi**, Nilesh Gaikwad, Vishal Mhatre, Jitesh Parab. “High Performance Thin Layer Chromatographic Determination of Ethinylestradiol and Levonorgestrel in Combined Tablet Dosage Form” *International Journal of Pharmaceutical Research*, 2011, Volume 3, Issue 3. 59-62.
47. Chaube Poonam H., **Gandhi Santosh V.\***, Deshpande Padmanabh B., Kulkarni Veena G., “High Performance Thin Layer Chromatographic Analysis of Paracetamol and Etodolac in Spiked Human Plasma” *Journal of Pharmaceutical and Biomedical Sciences (JPBMS)*, 2010, Vol. 07, Issue 13, 1-6.
48. Shital S. Bhandari , **Santosh V. Gandhi\***, Padmanabh B. Deshpande, Navjot Ghobale “High performance thin layer chromatographic determination of lornoxicam in human plasma” *Journal of Chemical, Biological and Physical Sciences*, Nov. 2011-Jan. 2012. Vol. 2, No. 1, 279-283.
49. Poonam H. Chaube, **Santosh V. Gandhi\***, Padmanabh B. Deshpande and Veena G. Kulkarni, “High Performance Thin Layer Chromatographic Analysis of Paracetamol and Etoricoxib in Spiked Human Plasma” *Research J. Pharm. and Tech.* 4(8): August 2011, 1303-1306.
50. Padmanabh B. Deshpande\*, **Santosh V. Gandhi**, Nilesh V. Gaikwad, Kapil S. Khandagle “A Simple and Sensitive RP-HPLC Method for Simultaneous Estimation of Torsemide and Spironolactone in combined tablet Dosage Form” *Acta Chromatographica*, 2012, Vol. 24, No. 1, 1–14.
51. Padmanabh. B. Deshpande, **Santosh. V. Gandhi\***, Rajiv A. Mantri, Khushbu P. Luniya, Shalaka U. Dubey and Shriniwas K. Bharani, “Validated Method Development for Estimation of Naproxen sodium as Bulk Drug and in Tablet Dosage Form by HPTLC” *Eurasian J Anal Chem* 7(1): 2012, 1-6.
52. **Santosh V. Gandhi**, Padmanabh B. Deshpande\*, Varun Godbole, Pankaj Jagdale, Sachin Khiste, Sayali Kadukar, “A Validated reverse phase HPLC method for simultaneous

determination of telmisartan and ramipril as bulk drug and in tablet dosage form” J. Chem. Bio. Phy. Sci., Vol.1, No.2, Sec. B, 2011, 283-288.

53. Veena G. Kulkarni, **Santosh V. Gandhi\***, Padmanabh B. Deshpande, Poorva Divekar, “High Performance Thin Layer Chromatographic Analysis of Paracetamol and Etodolac in Combined Tablet Dosage Form” Journal of Chemical and Pharmaceutical Research, 2012, 4(3):1750-1755
54. Yogeshwari Bhangale, Padmanabh B. Deshpande\*, **Santosh V. Gandhi**, Omprakash Patil, “A Validated RP-HPLC Method for Simultaneous Estimation of Metoprolol Succinate and Isosorbide Mononitrate as the Bulk Drug and in Combined Capsule Dosage Forms” The Pharma Review (March-April 2012), 115-118.
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### **PRESENTATIONS:**

As an Author: 19

As an Co-author: 35


#### **❖ 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 dimensional 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 DDP, 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 DDP, 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, Tiruchirappali 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 Ornidazone 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> Intenational 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 Diacerein 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.

❖ **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, Tiruchirappali 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, Tiruchirappali 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 “Comparison 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 Phamracy, 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 Vrushpriya 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 Ornidazole 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.

## CONFERENCES/ SYMPOSIUMS/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 5<sup>th</sup> -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

## 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**



## **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** – to PG students of 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** – to undergraduate students of 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 and undergraduate students 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 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, Kopergaon 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 Phadata 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 to undergraduate students on 14/07/2018

#### **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 Journals

**Dr. Santosh V. Gandhi**