



# CURRICULUM VITAE



## PERSONAL DETAILS:

- Name : **Dr. John Intru Disouza**
- Present Positions : Professor in Pharmaceutics & Principal, Tatyasaheb Kore College of Pharmacy, Warananagar
- Principal Coordinator, Warana Science Centre, Warananagar
- Member, Board of Studies, Shivaji University, Kolhapur
- Chairperson, IPA – MSB Education Division
- EC Member, IPA Education Division
- President, IPA, Kolhapur Local Branch
- Co-opted Member, Controlled Release Society – Indian Chapter
- Coordinator, WSIAC's (VIPNET) Science Club
- Coordinator, Community Development Courses, SUK
- Nominee, CPCSEA
- Previous Positions : Head, Pharmacy Education Division, IPA, Maharashtra State Branch
- Executive Council Member, APTI-MS
- Nationality : Indian
- Religion : Christian (Roman - Catholic)
- Correspondence Address : Tatyasaheb Kore College of Pharmacy, Warananagar, Tal: Panhala, Dist: Kolhapur, Pin: 416 113 (M. S.)  
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- Email ID : johnsir4u@gmail.com
- Date of Birth : 24<sup>th</sup> January 1976
- Pharmacist's Registration No. : 54347 (M.S.)



## Educational Qualifications:

Course	University/ Board	Year of Passing	% of marks obtained	Class obtained
M. B. A. Executive (Management of Higher Education)	Shivaji University, Kolhapur (SUK)	2014	61.19	First class
Ph. D. in Pharmacy		Sep 2009	--	--
M. Pharm. (Pharmaceutics)	R. G. U. H. S., Karnataka.	June 1999	65.60	First class
B. Pharm.	SUK	May 1997	69.46	First class
Professional Diploma in Clinical Research (PDCR)	Catalyst Clinical Services Pvt. Ltd., Delhi	31 <sup>st</sup> May 2007	--	--
Certificate Course in Computer Application	CEDTI Aurangabad	June 1998	--	First class
Ph. D. Aptitude Test (PAT)	University of Pune, Maharashtra State	6 <sup>th</sup> February 2005	--	--
Elementary and Intermediate grade Drawing Examinations	Govt. of Maharashtra	1987 & 1988	--	C

## ACADEMIC EXPERIENCE:

Position	Name of Institute	From	To	Total Experience
Lecturer in Pharmaceutics	Bharati Vidyapeeth College of Pharmacy, Kolhapur	1-12-1999	30-11-2009	10 years
Assistant Professor		1-12-2009	26-3-2010	4 months
Professor in Pharmaceutics & Principal	Tatyasaheb Kore College of Pharmacy, Warananagar	27-3-2010	Till the date	8 years 2 months

**Total: 18 years 5 Months**

## Other Teaching/ Research/ Academic Experience

Guest Lecturer	Kolhapur Institute of Technology, Kolhapur	2009	--
Post Graduate Teacher in Pharmacy	Shivaji University, Kolhapur	30 Nov 2006	--
Ph.D. guide	Shivaji University, Kolhapur	July 2018	Till the date
	D. Y. Patil University, Kolhapur	August 2014	
	Pacific University, Rajasthan	Feb 2012	
	Faculty of Pharmacy Departments, JJTU	May 2010	



## BOOKS PUBLISHED:

Name of Book	Publisher	1 <sup>st</sup> Edition	Recent Edition
<b>Pharmaceutical Product Development: Insights into pharmaceutical processes, management and regulatory affairs</b>	CRC Press, Taylor & Francis, Florida 33487, U.S.A.	2016	2016
Biotechnology and Fermentation Process	Nirali Prakashan	2004	7 <sup>th</sup> (2016)
Experimental Microbiology	Emmanuel Prakashan	2000	2000

## BOOK CHAPTERS PUBLISHED:

- ***Lactobacillus* Model Moiety a New Era Dosage Form as Nutraceuticals and Therapeutic Mediator.** Forensic and Medical Bioinformatics: Biotechnology and Bioforensics-New Trends, ISSN 2196-8845, ISSN 2196-8853 (electronic), **Springer Briefs in Applied Sciences and Technology**, 2014, 11–22.
- **Novel Topical Gel Formulation of *Hamiltonia Suaveolens* for Wound Healing Activity.** Next Generation DNA Led Technologies, **Springer Briefs in Applied Sciences and Technology**, 2015, 59–70.
- **Nanosuspension** for the book: **Nanodispersions for Drug Delivery**, Apple Academic Press, Exclusive worldwide distribution by CRC Press, a Taylor Francis Group, New Jersey, 08758, USA, 2018, 110–171.
- **Nanomicellar Approaches for Drug Delivery** for the book: **Nanodispersions for Drug Delivery**, Apple Academic Press, Exclusive worldwide distribution by CRC Press, a Taylor Francis Group, New Jersey, 08758, USA, 2018, 191–241.
- **Nutraceutical and Functional Foods in Treatment of Anaemia** for the book: Nutraceutical and Functional Foods in Disease Prevention, By IGI Global, 2019, 308–339.
- **Dietary Fibers and Nutraceuticals in Prevention of Hypertension**, for the book: Nutraceutical and Functional Foods in Disease Prevention, By IGI Global, 2019, 192–232.
- **Nanotheranostics**, Encyclopedia of Nanoscience and Nanotechnology Edited by H. S. Nalwa, American Scientific Publishers 26650, the Old Road, Suite 208 Valencia, California 91381-0751, USA, Volume 29: Pages 165–196.



## RESEARCH/ REVIEW PAPERS PUBLISHED (Citation index: 647, i10: 21 & h index: 16):

### International

1. Polymeric Mixed Micelles: Improving the Anticancer Efficacy of Single-Copolymer Micelles, *Critical Reviews™ in Therapeutic Drug Carrier Systems* 36 (1). **(Impact Factor: 2.41)**.
2. Shelf Life Stability of Encapsulated Lactic Acid Bacteria Isolated from Sheep Milk Thrived in Different Milk as Natural Media, *Small Ruminant Research*, (In-Press)
3. Granules of Unistrain Lactobacillus as Nutraceutical Antioxidant Agent, *International Journal of Pharmaceutical Sciences and Research*, 9(4), 2018, 1594-1599.
4. Quality by Design-based Formulation and Evaluation of Fast Dissolving Tablet of Aspirin, *Asian Journal of Pharmaceutics*, Jan-Mar 2018 (Suppl), 12(1), S92-S101.
5. Development of Spectrophotometric and Fluorometric Methods for Estimation of Darunavir Using QbD Approach, *International Journal of Current Pharmaceutical Research*, Vol 10, Issue 1, 2018, 16-19.
6. Polymeric Mixed Micelles: Suitable Approach to Improve Anticancer Efficacy of Single Copolymer Micelles. *Critical Reviews™ in Therapeutic Drug Carrier Systems* (Bgeellhouse Publisher). Accepted (Ready for Production). **(Impact Factor: 5.3)**.
7. Mixed Micelles as Nano Polymer Therapeutics of Docetaxel: Increased *In vitro* Cytotoxicity and Decreased *In vivo* Toxicity. *Current Drug Delivery* (Bentham Science). 2017; Volume 14, (Ready for Production). **(Impact Factor: 2.516)**.
8. Synthesis and physicochemical studies of fluconazole ionic liquids, *Journal of Applied Pharmaceutical Science*, Vol. 7 (11), November, 2017, 84-89.
9. Formulation and Optimization of Controlled Porosity Osmotic Pump Tablet for Oral Administration of Glipizide, *Asian Journal of Pharmaceutics*. 2016; 10 (4), 287-297.
10. Screening of Soy Lectin: As New Era Cancer Healing Agent. *International Journal of Pharmaceutical Sciences and Research*. 2016; 7(5): 2147-2151.
11. Solubility Enhancement of Ritonavir by Hot Melt Extrusion. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2016; 8(3): 309-312.
12. Advances in technology and business potential of new drug delivery systems. *Drug Delivery and Translational Research*. 2016; 6(4): 341. **(Impact Factor: 3.094)**.
13. Development of Topical Formulation Containing *Allophylus Cobbe* 1 for Wound Healing Activity. *World Journal of Pharmaceutical Research*. 2016; 5(9): 833-848.
14. Process Validation: An Approach for Herbal Tablet Standardization. *International Journal of Pharmacognosy and Phytochemical Research*. 2016; 8(2): 313-320.
15. Therapeutic Targets and Delivery Challenges for Alzheimer's Disease. *World Journal of Pharmacology*. 2015; 4(3): 236-264.
16. Multidimensional Ophthalmic Nanosystems for Molecular Detection and Therapy of Eye Disorders. *Current Pharmaceutical Design*. 2015; 21(22): 3223-3238. **(Impact Factor: 3.052)**.
17. Synthesis and QSAR study of N-Substituted [5-(1H-1, 2, 4-Triazol-5yl) Pyridine-2-yl] Methanimine Derivatives as Potential Antibacterial. *Asian Journal of Research in Chemistry*. 2015; 8(9): 561-565.



18. Synthesis, Characterization, *In vitro* Anti-inflammatory Activity and QSAR Evaluation of Benzotriazolyl-3-{5-(Carboxymethyl) Diazenyl}-2-Hydroxyphenyl} Prop-2-Enoic Acid Derivatives. *European Journal of Pharmaceutical and Medical Research*. 2015; 2(6):302-306.
19. Development of Orodispersible Tablet of Atorvastatin Calcium Using Hot Melt Extrusion. *Drug Delivery Letters*. 2015; 5(1): 19-30.
20. Aloe Vera Phytochemical Constituents and Medicinal Properties: Review. *World Journal of Pharmaceutical Research*. 2015; 4(5): 709-728.
21. Synthesis, *In vitro* Anti-inflammatory Activity and QSAR Evaluation of Benzotriazolyl-3-(2-Hydroxyphenyl) Prop-2-Enoic Acid Derivatives. *European Journal of Pharmaceutical and Medical Research*. 2015; 2(5): 799-809.
22. QSAR Study and Evaluation of *In vitro* Anti-inflammatory Activity for 1H-Benzotriazol-1-yl {2-hydroxy-5-(E) Phenylidiazenyl} Phenyl} Methanone Derivatives. *European Journal of Pharmaceutical and Medical Research*. 2015; 2(4): 1004-1010.
23. Pulmonary Multifunctional Nano-Oncological Modules for Lung Cancer Treatment and Prevention. *Journal of Biomedical Nanotechnology*. 2014; 10(9): 1863-1893.
24. Physicochemical Assessment of Pharmaceutical Salt Forms: A Quality Attribute. *International Research Journal for Inventions in Pharmaceutical Sciences*. 2014; 2(2): 46-53.
25. Stability Study of Memorin Capsule by Thin Layer Chromatographic and High Performance Thin Layer Chromatographic Method As A Quality Control Tool for Ayurvedic Formulation. *International Journal of Bioassays*. 2014; 3(9): 3265-3269.
26. Quality Standardization and Toxicity Study of Ayurvedic Formulation. *International Journal of Bioassays*. 2014; 3(9): 3244-3253.
27. Development of Newer Fluorimetric Method for Estimation of Naproxen in Pure and Formulations. *International Journal of Pharmaceutical Research & Development*. 2014; 6(3): 111-114.
28. Physicochemical Assessment of Pharmaceutical Salt Forms: A Quality Attribute. *International Research Journal for Inventions in Pharmaceutical Sciences*. 2014; 2(2): 46-53.
29. Novel Approach in Gastro Retentive Drug Delivery System: Floating Microspheres. *International Journal of Pharmaceutical and Biological Science*. 2014; 2(5): 9-22.
30. Fast Dissolving HPMC E5 Based Oral Film for Rapid Absorption of Metoprolol Tartrate. *European Journal of Pharmaceutical and Medical Research*. 2014; 1(1): 75-91.
31. Potential Application of Non Aqueous Emulsion for Drug Delivery. *Asian Journal of Biomedical and Pharmaceutical Sciences*. 2014; 4(29): 10-18.
32. Investigating Application of Non Aqueous Microemulsion for Drug Delivery. *Asian Journal of Biomedical and Pharmaceutical Sciences*. 2014; 4(27): 1-9.
33. Development of Newer Conductometric Method for Estimation of Telmisartan in Pure and Formulation. *Journal of Drug Delivery & Therapeutics*. 2014; 4(3): 110-112.
34. Systematic Approach for Handling of Customer Complaints. *International Journal for Pharmaceutical Research Scholars*. 2014; 3(1): 594-598.
35. Development of Newer Fluorimetric Method for Estimation of Telmisartan. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2013; 5(4): 232-33.



36. Synthesis and Antimicrobial Evaluation of 1H-Benzotriazol-1-yl{2-Hydroxy-5-[(E)Phenyldiazenyl]Phenyl}Methanone Derivative. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2013; 5(3): 225-228.
37. Pharmacological Screening of Ethanolic Extract of Plant *Cassia Tora* Linn. Leaves on Nephrolithiasis Rats. *International Journal of Pharmamedix India*. 2013; 1(3): 529-538.
38. Solid Dispersions of Poorly Water Soluble Drug Using Spray Drying Technique. *International Journal of Drug Delivery*. 2013; 5(3): 323-330.
39. Poly-β-Hydroxybutyrate: Intriguing Biopolymer in Biomedical Applications and Pharma Formulation. *International Journal of Pharmaceutical & Biological Archives*. 2013; 4(6): 1107-1118.
40. Polymer Based Wafer Technology: A Review. *International Journal of Pharmaceutical & Biological Archives*. 2013; 4(6): 1060-1074.
41. Development of Conductometric Method of Estimation for Adapalene Gel in Dosage Forms. *Asian Journal of Biochemical and Pharmaceutical Research*. 2013; 3(2):136-139.
42. Evaluation of Antioxidant Activity for Some Benzotriazole Substituted with N-Phenylacetamide and Acetylcarbamic Acid Derivatives. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2013; 5(2): 249-253.
43. Tobacco and Cancer: A Review. *International Journal of Universal Pharmacy and Bio Sciences*. 2013; 2(2): 15-24.
44. *In vitro* Determination of Sun Protection Factor and Chemical Stability of *Rosa Kordesii* Extract Gel. *Journal of Pharmacy Research*. 2013; 7(6): 520-524.
45. Formulation and Evaluation of Fast Dissolving Buccal Patch of Olmesartan Medoxomil. *Asian Journal of Biomedical and Pharmaceutical Sciences*. 2013; 3(21): 51-55.
46. Synthesis and Anti-protozoal Activity of Nitro and Halogeno Substituted Some Novel Mercaptobenzimidazole Derivatives. *Der Pharma Chemica*. 2012; 4(3): 1283-1287.
47. Formulation and Evaluation of Solid Self Micro Emulsifying Drug Delivery System Using Aerosil 200 as Solid Carrier. *International Current Pharmaceutical Journal*. 2012; 1(12): 414-419.
48. Development of Solid-Self Micro Emulsifying Formulation to Improve Oral Bioavailability. *International Journal of Therapeutic Applications*. 2012; 1: 38-41.
49. Synthesis and Characterization of Schiff Bases of Chitosan for Their Improved Mucoadhesion. *Asian Journal of Research in Chemistry*. 2012; 5(9): 1099-1099.
50. Benzotriazole Derivatives as Antimicrobial Agents. *Asian Journal of Biochemical and Pharmaceutical Research*. 2012; 2(3): 123-130.
51. Physicochemical Characterization and Solubility Enhancement of Simvastatin Using Solid Dispersion Technology. *World Journal of Pharmaceutical research*. 2012; 1(2): 297-308.
52. Formulation of Gastro-retentive Drug Delivery System (Floating Tablets) of Nifedipine. *International Journal of Pharmaceutical Sciences and Research*. 2011; 2(11): 2929-2933.
53. Development of Colon Targeted Lornoxicam Matrix Tablet. *International Journal of Pharmaceutical Research & Development*. 2011; 3(6): 226-232.
54. Formulation and Evaluation of Sustained Release Tablets From Solid Dispersions of Lovastatin. *Pharma Tutor Pharmacy Infopedia*. Reference ID: Pharmatutor-art-1612; 2011.



55. Development and Evaluation of Antifungal Topical Niosomal Gel Formulation. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2011; 3(5): 224-231.
56. Formulation and Evaluation of Oral Disintegrating Tablet of Lornoxicam. *International Journal of Pharmaceutical & Biological Archives*. 2011; 2(5): 1518-1523.
57. Formulation and Evaluation of Enteric Coated Tablets of Azithromycin Dehydrate. *International Journal of ChemTech Research*. 2011; 3(3): 1479-1484.
58. Characterization of *Oxalis Corniculata Linn* by Potentiometric Determination of Acid Value. *Research Journal of Pharmacy and Technology*. 2011; 4(11): 1687-89.
59. Spectrophotometric Determination of Lisinopril Dosage Form by Condensation Reaction. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2011; 3(2): 185-187.
60. Newer Spectrophotometric Method of Determination for Lisinopril Dosage Forms. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2011; 3(2): 255- 257.
61. Neuropharmacological Profile of Aqueous and Ethanolic Extract of *Pithecellobium dulce* Benth Leaves in Mice. *Research Journal of Pharmacology and Pharmacodynamics*. 2011; 3(1): 27-30.
62. Neurosurgical Strategy for Drug Delivery to Brain. *International Journal of Pharmaceutical Sciences Review and Research*. 2010; 4(1): 121-126.
63. Mercury Intrusion Porosimetry: A Tool for Pharmaceutical Particle Characterization. *Pharmainfo.net Latest Reviews*. 2008; 6(2).
64. The Microsponge Drug Delivery System: For Delivering an Active Ingredient by Controlled Time Release. *Pharmainfo.net*. 2008; 6(3): 62.
65. Study on Factors Influencing Drug Release from Fluconazole-Microsponges Prepared by Suspension Polymerization. *Research Journal of Pharmacy and Technology*. 2008; 1(3): 235-240.
66. Silicones: It's Pharmaceutical Applications. *Pharmainfo.net*. 2008.
67. Topical Anti-inflammatory Gels of Fluocinolone Acetonide Entrapped in Eudragit Based Microsponge Delivery System. *Research Journal of Pharmacy and Technology*. 2008; 1(4): 334-338.

## National

1. Stability Analysis and Quantitative Evaluation of Metronidazole Suspension. *Indian Journal of Pharmaceutical and Biological Research*. 2016; 4(3): 5-14.
2. Formulation and Evaluation of Sustained Release Tablets Using Direct Compression Method. *Research Journal of Pharmacy and Technology*. 2013; 6(6): 637-641.
3. Synthesis and Antimicrobial Evaluation of 2-(1H-1, 2, 3-Benzotriazol-1-yl)-N-Phenylacetamide Derivatives. *Research Journal of Pharmacy and Technology*. 2012; 5(8): 1072-1075.
4. Synthesis and Antimicrobial Evaluation of [(1H-Benzotriazol-1-ylacetyl) Amino] Acetic Acid Derivatives. *Research Journal of Pharmacy and Technology*. 2012; 5(8): 1197-1200.
5. Study of Binding Efficiency of Tapioca Starch Using Lornoxicam as a Model Drug. *International Journal of Pharmaceutical & Biological Archives*. 2012; 3(1): 223-227.



6. Development of Solid Self Micro Emulsifying Drug Delivery System with Neusilin US2 for Enhanced Dissolution Rate of Telmisartan. *International Journal of Drug Development & Research*. 2012; 4(4): 398-407.
7. Study on *In vitro* Evaluation of Fruits of *Syzygium Cumini* as A Natural Anti-Solar Agent. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 2012; 3(2): 349-353.
8. Consumer Survey of Cosmetic Products. *IJPI's Journal of Hospital and Clinical Pharmacy*. 2012; 2(9): 19-26.
9. Marker Based Standardization of Novel Herbal Dental Gel. *Research Journal of Topical and Cosmetic Science*. 2011; 2(1): 25-30.
10. Design and Optimization of Chlordiazepoxide Solid Self-Microemulsifying Drug Delivery System. *Journal of Pharmacy Research*. 2011; 4(2): 369-372.
11. Optimization of Method for Determination of Swelling Factor of Ispaghula Seeds. *Indian Drugs*. 2008; 45(4): 310-313.
12. Effect of Process Variables on Diltiazem HCL Release from Hydrophilic Matrices. *The Indian Pharmacist*. 2007; 6(57): 63-67.
13. Novel Techniques of Resolving Critical Micelle Concentration: A Review. *Indian Drugs*. 2005; 42(3): 121-126.
14. Design and Evaluation of Sustained Release Tablet of Diltiazem HCL. *Indian Drugs*. 2004; 41(3): 175-176.
15. *In vitro* Antibacterial and Skin Irritation Studies of Microsponges of Benzoyl Peroxide. *Indian Drugs*. 2001; 38(7): 361-362.

## ORGANIZATION AND PARTICIPATION:

Editor in Chief	Pharmacumconsequat: International peer reviewed journal published by TKCP, Warananagar	--
Co-Editor	'Centum' – International Peer reviewed Multi-disciplinary Journal, published by JJTU, Rajasthan	--
Convener	Seminar on 'Oral Health Hygiene' on the occasion of World Oral Health Day	2019, 20 <sup>th</sup> March
Resource Person	DTE sponsored Teacher's Training Program on 'Research Methodologies: Approaches & Techniques' at GCOPK, Karad	2019, 14 <sup>th</sup> March
Convener	Poster presentation competition on the occasion of World Cancer Day	2019, 6 <sup>th</sup> February
Organizing Committee member	17 <sup>th</sup> International Symposium of Controlled Release Society's Indian Chapter's on 'Advances in Technology and Business Potential of New Drug Delivery Systems'	2019, 1 <sup>st</sup> & 2 <sup>nd</sup> February
Convener	One day seminar on 'Innovative Ideas for Successful Start-ups in Community Pharmacy'	2019, 1 <sup>st</sup> February
Organizing Committee member & Judge	Pharma Karandak 2018-19, under Lead College Scheme of Shivaji University, Kolhapur	2019, 18 <sup>th</sup> January



Convener	Guest lecture on Child Rearing & Health	2019, 11 <sup>th</sup> January
Convener	Student's Workshop on mathematics	2018, 21 <sup>st</sup> to 23 <sup>rd</sup> December
Convener	Sky Gazing and Meteor Show Observation in collaboration with IUCAA	2018, 15 <sup>th</sup> & 16 <sup>th</sup> December
Convener	Workshop on telescope making	2018, 24 <sup>th</sup> November
Convener	D. Ed Teacher's Workshop on VIPNET Activity Kits	2018, 24 <sup>th</sup> October
Convener	One day workshop on 'Target GPAT 2019'	2018, 14 <sup>th</sup> October
Convener	MSBTE sponsored one Week FDTP on 'Techniques of Students Skill Development for Vibrant Pharmaceutical Industry & Health Care Sector' @ TKCP, Warananagar	2018, 8-12 <sup>th</sup> October
Convener	Quiz Competition on the occasion of World space Week	2018, 6 <sup>th</sup> October
Co-convener	CRS IC National Seminar on 'Excipients: Key Drivers in Formulation Success' @ Indira College of Pharmacy, Pune	2018, 6 <sup>th</sup> October
Chief Guest & Resource Person	Teacher's workshop on Gearing up new syllabus of Pharmaceutical Microbiology sponsored by SUK at GCOPK, Karad	2018, 27 <sup>th</sup> August
Convener	Teacher's workshop on Pedagogy in Product Development & Technology Transfer sponsored by SUK	2018, 25 <sup>th</sup> August
Convener	Teacher's workshop on Pedagogy in Molecular Pharmaceutics sponsored by SUK	2018, 25 <sup>th</sup> August
Resource Person	Teacher's workshop on Pedagogy in Product Development & Technology Transfer sponsored by SUK	2018, 25 <sup>th</sup> August
Coordinator	Breast feeding week celebration	2018, 1 <sup>st</sup> to 11 <sup>th</sup> August
Coordinator	Nehru Science Centre's Mobile Science Exhibition traveled to various parts Kolhapur & Sangli district	2018, 14 <sup>th</sup> August to 11 <sup>th</sup> September
Convener	Poster & Elocution competition on the occasion of World Population Day	2018, 20 <sup>th</sup> July
Convener	One day workshop for science teachers on 'Innovations in Science & Technology'	2018, 12 <sup>th</sup> April
Convener	Four days workshop for 5 <sup>th</sup> to 10 <sup>th</sup> Standard students on 'Activity Based Science & Technology Learning'	2018, 19 <sup>th</sup> – 22 <sup>nd</sup> April
Convener	Two days workshop for science teachers on 'Fostering Creativity & Innovation in Science Education'	2018, 26 <sup>th</sup> & 27 <sup>nd</sup> April
Convener	Workshop on Innovations in Science & Technology for Junior College Teachers	2018, 12 <sup>th</sup> April



Convener	Public Talk of Dr Yogesh Souche on 'Life on other Planets'	2018, 28 <sup>th</sup> February
Scientific Committee Member	16 <sup>th</sup> International Symposium of Controlled Release Society Indian Chapter, The Lalit, Mumbai	2018, 23 <sup>rd</sup> & 24 <sup>th</sup> February
Convener	Workshop on Lunar Eclipse for students & public	2018, 31 <sup>st</sup> January
Convener	Innovative practices in teaching Mathematics & Science for Kolhapur District Secondary School Teachers	2018, 27 <sup>th</sup> January
Convener	One day symposium on 'Application of Data Analysis using Minitab <sup>®</sup> 18'	2018, 23 <sup>rd</sup> January
Convener	'Fundamentals of Electronics' विद्यार्थी व शिक्षकांसाठी एक दिवसाची कार्यशाळा	2018, 17 <sup>th</sup> January
Convener	'गणिताच्या विश्वात' या विषयावरील गणित शिक्षकांची एक दिवसाची कार्यशाळा	2017, 22 <sup>nd</sup> December
Co-Chairman, Exhibition Committee, LOC	69 <sup>th</sup> Indian Pharmaceutical Congress, Chitkara University, Rajpura, Punjab	2017, 22 <sup>nd</sup> – 24 <sup>th</sup> December
Resource person	'Role of Pharmacist in patient Counseling', State Level Seminar at S D Patil COP, Islampur	2017, 25 <sup>th</sup> November
Convener	Seminar on Opportunities in Clinical Research	2017, 27 <sup>th</sup> October
Convener	TB-DOTs Sensitization cum Training Program for Pharmacists	2017, 24 <sup>th</sup> October
Convener	Pharma Entrepreneurs' Conclave 2017	2017, 28 <sup>th</sup> September
Convener	Teacher's workshop on Pedagogy in Quality Management System sponsored by SUK	2017, 23 <sup>rd</sup> September
Convener	Teacher's workshop on Pedagogy in Pharmaceutical Analysis sponsored by SUK	2017, 29 <sup>th</sup> September
Resource person	'Revamping Pharma Academia to Meet Industry's Demand' at FDP at Krishna College of Pharmacy, Karad	2017, 14 <sup>th</sup> September
Resource person	'Emerging Opportunities in Pharma Profession' at GCOP, Karad	2017, 4 <sup>th</sup> August
Convener	EAC in collaboration with Maharashtra Centre for Entrepreneurship Development	2017, 24 <sup>th</sup> & 25 <sup>th</sup> March
Resource person	'आयुर्वेदाला जागतिक मान्यता मिळू शकेल?' Conference of Researchers, Ayurvedic practitioners & Vaidus at SUK	2017, 18 <sup>th</sup> March
Organizing Member	SUK, Lead College Scheme, Pharmacy Colleges Workshop on Soft skills & Employability	2017, 13 <sup>th</sup> February
Convener	MSBTE sponsored FDP 'To prepare Students in Industrial Perspective' held at TKCP Warananagar	2016, 18 <sup>th</sup> – 24 <sup>th</sup> December



Resource person	'Can we transform Student into Great Pharma Employee/ Manager/ Leaders?' MSBTE sponsored FDP 'To prepare Students in Industrial Perspective' held at TKCP Warananagar	2016, 21 <sup>st</sup> December
Resource person	'Great Pharmacist for Quality Pharmaceutical Services Care' State level Seminar on 'Diploma Pharmacy: Seed to New Development' at Santkripa COP, Ghogao	2016, 7 <sup>th</sup> December
Co-convener	6 <sup>th</sup> Indo-Japanese International Symposium, Goa, India	2016, 23 <sup>rd</sup> & 24 <sup>th</sup> Sep.
Convener	Teacher's Workshop on Pedagogy in Pharmacognosy and Phytochemistry-IV, sponsored by SUK	2016, 10 <sup>th</sup> August
Scientific Committee Member	15 <sup>th</sup> International Symposium of Controlled Release Society Indian Chapter, ICT, Mumbai	2016, 19 <sup>th</sup> & 20 <sup>th</sup> February
Guest Editor	Drug Delivery and Translational Research, Springer for Special Issue Title: Advances in technology and business potential of new drug delivery systems	2016, 8 <sup>th</sup> January
Convener	Teacher's workshop on Pedagogy in Biopharmaceutics sponsored by SUK	2015, 22 <sup>nd</sup> August
Convener	Two Days National Level Convention 'From Campus to Pharma Corporate' held at TKCP, Warananagar	2015, 28 <sup>th</sup> February & 1 <sup>st</sup> March
Scientific Committee Member	14 <sup>th</sup> International Symposium of Controlled Release Society Indian Chapter, ICT, Mumbai	2015, 23 <sup>rd</sup> & 24 <sup>th</sup> February
Resource person	'Rational Use of Drugs' at State Level Seminar on 'Role of Pharmacist in Patient Counseling' at Krishna COP, Karad	2014, 13 <sup>th</sup> December
Resource person	'Multiedge Xtremophilic Probiotics – New Era Immunomodulators' at 5 <sup>th</sup> Indo-Japanese International Symposium, Tokyo, Japan	2014, 16 <sup>th</sup> – 17 <sup>th</sup> September
Convener	Teacher's workshop on Pedagogy in Product Development sponsored by SUK	2014, 16 <sup>th</sup> August
Chief Guest & Keynote addressor	Teacher's Training Programme in Microbiology and Biotechnology at GCOP, Karad	2014, 7 <sup>th</sup> August
Resource person	'A, B, C's of Pharmaceutical Career' at Anil urf Pintu Magdum COP, Dharangutti	2014, 5 <sup>th</sup> August
Convener	Teacher's workshop on Pedagogy in Pharmacology-IV sponsored by SUK	2014, 26 <sup>th</sup> July
Convener	AICTE sponsored 2 days National Seminar on 'Software in Drug Discovery and Development'	2014, 21 <sup>st</sup> – 22 <sup>nd</sup> January
Convener	Teacher's workshop on Pedagogy in Advanced Pharmaceutics II sponsored by SUK	2013, 14 <sup>th</sup> August
Convener	Workshop organized by Anton Paar on 'Microwave assisted synthesis and Rheological Studies', TKCP, Warananagar	2013, 3 <sup>rd</sup> August



Organizer	'Pharmacist Registration Camp', TKCP, Warananagar	2013, 5 <sup>th</sup> March
Convener	AICTE (under EDC scheme) SUK (under Lead College scheme) sponsored Teachers Workshop on "Campus to Pharma Corporate" held at TKCP Warananagar	2013, 2 & 3 <sup>rd</sup> March
Resource person	'Changing Paradigms: Pharmacist in Healthcare Management' at Community Pharmacist Workshop organized by Nipani Chemist Association, KLE COP, Nipani	2013, 19 <sup>th</sup> January
Resource person	'Concepts and Trends in Delivery of Biotech drugs' at AICTE Sponsored Two Week FDP on 'Recent Trends In Pharmaceutical Biotechnology'	2012, 10 <sup>th</sup> December
Coordinator	Workshop on 'Scientific Writing', TKCP, Warananagar	2012, 6 <sup>th</sup> November
Coordinator	5 days Workshop on 'Bio-statistics in Research', TKCP, Warananagar	2012, November
Convener	Seminar on 'Research Methodology' TKCP, Warananagar	2012, 30 <sup>th</sup> October
Convener	Teacher's workshop on Pedagogy in Polymer Technology sponsored by SUK	2012, 11 <sup>th</sup> August
Convener	AICTE sponsored 2 days National Seminar on 'Evolving Pharmaceutical Regulatory and Quality System Frameworks', TKCP, Warananagar	2012, 2 <sup>nd</sup> – 3 <sup>rd</sup> March
Resource person	'Strategies in Biotech-Drug Development' at Entrepreneurship Skill Development Programme on Biotechnology organized by KIT's COE and MSME-Development Institute, Mumbai	2012, 19 <sup>th</sup> January
Member, Advising Committee	International Conference of 'Emerging Issues and Challenges in Higher Education', JJT University, Rajasthan	2011, 6 <sup>th</sup> – 8 <sup>th</sup> November
Chief Guest and Invited Speaker	BITS, TKIET, Warananagar	2011, 24 <sup>th</sup> August
Convener	FDP co-organized by SEED InfoTech	2011, 19 <sup>th</sup> – 21 <sup>st</sup> August
Co-Chairman for Scientific Session	15 <sup>th</sup> Annual Conference and First International Convention of Society of Pharmacognosy, KLE University, Belgaum	2011, 18 <sup>th</sup> February
Co-Chairman for Scientific Session	IAPST 4 <sup>th</sup> National Convention, Satara	2011, 15 <sup>th</sup> January
Chief Guest and Invited Speaker	Navyug Mahotsav, Ladvali, Tal: Mahad, Dist: Raigad	2010, 25 <sup>th</sup> December
Chief Guest and Invited Speaker	National Pharmacy Week Ceremony, at KLE's College of Pharmacy, Nipani, Karnataka	2010, 27 <sup>th</sup> November



Resource person	'Biotechnology Drugs' at Entrepreneurship Skill Development Programme (ESDP) on Biotechnology organized by KIT's COE and MSME-Development Institute, Mumbai	2010, 2th January
Chief Coordinator	Two days National Workshop on 'Scientific Foundation in Pharmaceutical Product Development', BVCOP, Kolhapur	2009, 21 <sup>st</sup> – 22 <sup>nd</sup> March
Resource person	'Strategies in Drug Discovery and Pharmaceutical Development' at National Workshop on Clinical Trials and Animal Exp. organized by Sant Gajanan COP, Mahagaon	2008, 18 <sup>th</sup> October
Resource person	'Delivery systems for Biopharmaceuticals' at Workshop on Techniques in Plant and Animal Tissue Culture organized by BioEra Medical Systems, Pune at KIT's COE, Kolhapur	2008, 27 <sup>th</sup> July
Chief Coordinator	'Workshop on Techniques in Biotechnology', conducted by BioEra Medical Systems, Pune and BVCOP, Kolhapur	2008, 16 <sup>th</sup> – 17 <sup>th</sup> March
Chief Editor of Souvenir and Abstract Book	1 <sup>st</sup> National Conference on FDDPR, BVCOP, Kolhapur	2007, 3 <sup>rd</sup> – 4 <sup>th</sup> March
Resource person	The Microsponge Delivery System at AICTE Sponsored QIP, BVDU PCP, Pune	2006, 3 <sup>rd</sup> March
Chief Editor College Magazine	BVCOP, Kolhapur	2001

## PAPERS PRESENTED (Posters):

### International

Paper	Conference	Place	Date
Self assembled mixed micelles carrying docetaxel payload: an approach to improve loading and cancer targeting	CRS-IC, 15 <sup>th</sup> International Symposium	ICT, Mumbai	2016, 19–20 Feb.
Acyclovir-stearic Acid Conjugate Nanoparticles: an Approach to Improve Oral Bioavailability and Anti-Viral Efficacy	6 <sup>th</sup> Indo-Japanese International Symposium	Goa, India	2016, 23–24 Sep.
Inhibition of HIV Based Replication of Human Cytomegalovirus In-Vitro by <i>Lactobacillus Acidophilus</i>			
Prophylactic activity of Lactobacillus casein granules against infectious diseases	5 <sup>th</sup> Indo-Japanese International	Tokyo, Japan	2014, 16–17 Sep.
Development of solid self microemulsifying drug delivery system for enhanced bioavailability	3 <sup>rd</sup> World Congress on BA & BE Pharma R & D Summit	Marriott, Hyderabad, India	2012, 26–28 March
Development of controlled porosity osmotic pump tablet for oral administration of Metformin and Glipizide			
A solid self-microemulsifying formulation			



prepared by spray drying to improve the oral bioavailability of poorly water soluble drugs			
Investigation of microemulsion system for ophthalmic drug delivery of ciprofloxacin			
Solubility enhancement of poorly water soluble drug (Ritonavir) using hot melt extrusion			
Biphasic drug delivery: A novel approach for zero order drug release			
Characterization and evaluation of solid lipid nanoparticles for oral delivery of poorly water soluble drug by spray drying technique			
Development of Solid-Self Micro Emulsifying Formulation by Spray Drying to Improve Oral Bioavailability	17 <sup>th</sup> ISCB International Conference	Solapur University, Solapur,	2012, 21–24, Jan.
Microscopic Sponges for Controlled Release of Fluocinolone Acetonide	8 <sup>th</sup> CRS-IC, International Symposium	Ahmadabad	2008, Feb. 26–27
Erythromycin Microparticles for Controlled Topical Delivery	3 <sup>rd</sup> PSWC	Amsterdam, the Netherlands	2007, 22–25 April
Formulation and Evaluation of Antimicrobial Activity of Herbal Dentifrices	2 <sup>nd</sup> International Symposium on Drug Discovery and Process Research	Belgaum, Karnataka, India	2006, 10–12 Feb.
Styrene and Acrylamide Polymer Nanoparticles for Drug Delivery of Fluconazole			
Microsponging Delivery of Fluconazole for Topical Application	1 <sup>st</sup> Indo-Japanese International Conference on Advances in Pharmaceutical Research and Technology	Mumbai	2005, 25–29 Nov.
Gelatin Microspheres for Controlled Release of Miconazole in Topical Delivery			
Ionic Gelation Microspheres of Benzoyl Peroxide in Topical Delivery			
Optimization of Method for Determination of Swelling Factor of Ispaghula Seeds	International Conference: Phyto Ayurveda	Dajipur, Dist. Radhanagari	2004, 24–26 Dec.
Design And Evaluation of Benzoyl Peroxide Microsponges to Enhance Therapeutic Efficiency in Acne Treatment	20 <sup>th</sup> Federation of Asian Pharmaceutical Associations Congress	Bangkok, Thailand	2004, 30 Nov. –3 Dec.
Microsponges A Possible Way to Improve Therapeutic Efficiency of Benzoyl Peroxide in Acne Treatment,	2 <sup>nd</sup> Global Conference on Cosmetic Technologies	Belgaum, Karnataka, India	2004, 13–15 Feb.



## National

Formulation Development of Captopril <i>In-situ</i> Gel by QbD Approach	69 <sup>th</sup> IPC	Chitkara University, Rajpura, Punjab	2017, 22 <sup>nd</sup> to 24 <sup>th</sup> December
Android App to Reform Pharmacy Education and Meet Professional Challenges			
QbD Approach for Formulation, Evaluation and Statistical Optimization of SLNs of Orlistat			
QbD Approach for Development and Evaluation of Self-emulsifying Drug Delivery System of Nitrofurantoin			
Stability testing and antimicrobial activity of <i>Convolvulus Pluricaulis</i>	International Conference on Drugs for the Future: Infectious Disease	NIPER, Hyderabad	2014, March
Accelerated stability testing and antimicrobial activity of marketed herbal formulations: Garlicon Tablets			
Bacterial screened poly- beta hydroxybutyrate: Intriguing bio polymer in biomedical and pharma formulation			
Potential application of non aqueous emulsion for delivery of antimicrobial drugs			
Formulation and evaluation of new effervescent tablet of famotidine for peptic ulcer therapy			
Development of non aqueous emulsion based anti-wrinkle formulation containing vitamin-C			
Standardization and antimicrobial activity of <i>Centella asiatica</i>			
Accelerated stability testing and antimicrobial activity of marketed herbal formulation: Garlicon tablet	Tech Manthan 2014	A national level technical festival, Pune	2014, Feb.
Stability testing and antimicrobial activity of <i>Convolvulus pluricaulis</i>			
Need of stability testing for herbal dosage form			
Herbal formulation as a major tool for memory enhancement therapy	AICTE Sponsored National Conference on SDDS-2014	TKCP, Waranana gar	2014, Jan.
Standardization of Herbal Drug: A literature Review			
Oral fast dissolving drug delivery system: novel advances and their patents			
Fishbowl: a unique software tool for inventory management			
Investigating application of non aqueous microemulsion for drug delivery			
Application of dissolution software for assuring dissolution profile	AICTE Sponsored National Conference on SDDS-2014	TKCP, Waranana gar	2014, Jan.
Software based in-vitro characterization of polymersomes for controlled & targeted potential			



Role of softwares in Toxicity Assessment			
Poly- $\beta$ -hydroxybutyrate: intriguing biopolymer in biomedical and pharma formulation			
Application computational approaches in determination of solubility			
Concept of process validation: An approach for herbal drug standardization	NIPiCON-2014	Nirma University, Ahmadabad	2014, Jan.
Development of lash release wafer of Amphetamine			
Application of salt form in dosage form development	National Conference on NCABT & NCPIDAM	BVDU, Poona COP, Pune	2013, Sep.
Development of polyhydroxylic solvent based nonaqueous micro emulsion for antifungal drug delivery			
The Antidiabetic and Hypolipidemic Effects of <i>Caralluma Fimbriata</i>	Frontiers in Drug Discovery and Process Research	BVCP, Kolhapur	2013, 9–10 March
Tobacco and Cancer: a Review, Frontiers in Drug Discovery and Process Research			
Combination of High-Fat Diet-Fed and Low-Dose Alloxan-Treated Rat: a Model for Type 2 Diabetes and Pharmacological Screening			
Simple Evaluation of Wound Healing Activity of Formulation of <i>Allophylus Cobbe L.</i> on Albino Rats			
Modelling and Comparison of Dissolution Profiles of Matrix Tablet			
Potential of Novel Oil-In-Oil Emulsion in Dosage Form Development, Frontiers in Drug Discovery and Process Research			
Emergent Potential of <i>Stevia Rebaudiana</i> as a Natural Excipient in Pharmaceuticals			
<i>In-vitro</i> Anti-Arthritic Activity of <i>Cassia Tora</i> Linn. Leaves			
Development of Self-Microemulsifying Drug Delivery System of Ritonavir for Bioavailability Enhancement			
Stem cell generation			
Development of Pulsincap to Provide Targeted Delivery of Metronidazole			
Formulation of Gastro-retentive Drug Delivery System (Floating Tablets) of Nifedipine			
Epitope analyzer for breast cancer <b>Won First prize (Inter College, District and State Level)</b>			
Nanotechnology in medicine			
Marker Based Standardization of Novel Herbal Dental Gel by HPTLC			
Effect of Accelerated-Aging Conditions on the			



Dissolution Stability of Non Aqueous Emulsion			
Dissolution Stability Study of Piroxicam Extemporaneous Non Aqueous Emulsion			
Physical Stability Assessment of Piroxicam Non Aqueous Emulsion Using Medium Chain Triglycerides and Polyols			
Crystallization Kinetic Studies on Acetaminophen	3 <sup>rd</sup> symposium on Frontiers in Drug Discovery and Process Research	BVCP, Kolhapur	2011, 5-6 March
Development of Non-Aqueous Emulsions Vehicle For Soft Gelatin Capsule			
Effect of Ternary System and Its Preparation Methods on the Solubility of Poorly Water Soluble Drug			
Solid self microemulsifying drug delivery system (S-SMEDDS): An overview	UGC-SAP Sponsored National Symposium on RTLS-2011	SUK	2011, 4-5 March
Bridge Course by PCI: Will Take Indian Pharmacy Profession Many Step Forward	62 <sup>nd</sup> IPC	Manipal University, Karnataka	2010, 20 Oct.
Pharmaceutical Quality Function Deployment: Tool for Translation of Customer's Voice into Quality of Product	61 <sup>st</sup> IPC	Ahmadabad	2009, 11-13 Dec.
Need of Regulatory Movement to Ensure Quality of Probiotic-Pharmaceuticals			
OTC Emergency Contraception? Must have Legal Control of Dispensing and Advertising			
Transforming Patient Package Insert to "Patient-Only": Making a Virtue of Necessity			
Reflectance of Implementation of cGMP (Subpart G) In Marketed Drug Products			
Patient Centered Design and Labeling: Urgent Need of Legal Requirements for Pharma Packing			
Patient Safety Centered Pharmaceutical Product Brand Planning ( <b>Won First Prize</b> )			
Imaging Techniques in Drug Product Development	Two days National Workshop On, SFPPD	Kolhapur	2009, 21-22 March
Potential of Solubility in Drug Discovery and Development			
Lab-On-Chip and Microfluidic Technologies in Drug Discovery and Development			
Target Product Profile: Strategic Planning for Pharmaceutical Product Development			
Pharmaceutical Quality Function Deployment: Tool for Translation of Customer Voice into Quality of the Product	National Seminar on Adv. in QA of Pharmaceuticals	Nagpur	2009, 10 Feb.
Pharmaceutical Quality-by-Design: Beginning the Drug Development with End in Mind			
Process Analytical Technology as Quality			



Assurance Tool			
Regulations in Naming and Trade-Dressing The Drug Products to Prevent The Medication Errors <b>(Won First prize)</b>	60 <sup>th</sup> IPC	New Delhi	2008, 12–14 Dec.
Patient Education on Metered Dose Inhaler Technique: Optimizing Therapy in Asthma			
The Integration of Web-based Learning with Traditional Graduate Education in the Pharmaceutical Sciences	58 <sup>th</sup> IPC	Mumbai	2006, 1–3 Dec.
Need of Redesigning Pharmaceutical Label: Individually Identifiable and Understandable <b>Won First prize</b>			
Effect of Gomutra on Some Herbal Drugs and Formulations Containing Toxic Principles			
Extractive Spectrophotometric Determination of Atenolol in Pure and Pharmaceutical formulations	57 <sup>th</sup> IPC	Hyderabad	2005, 2–4 Dec.
Standardization and Estimation of Total Tannins from Mahasudarshan Churna			
Community Pharmacist: In Asthma Management			
Effect of Gomutra on Some Herbal Drugs and Formulations Containing Toxic Principles	National Seminar on Emerging Trends in Ethno-pharmacology	HSK COP, Bagalkot	2005, 12–13 Nov.
Formulation and Evaluation of Antimicrobial Activity of Herbal Foot Creams			
Standardization and Estimation of Total Tannins from Mahasudahrshan Churna			
Formulation and Evaluation of Anti-infective Herbal Cream	10 <sup>th</sup> APTI National Convention	Nagpur	2005, 17–18 Oct.
Combined Seed mucilage - As Herbal Suspending Agent			
<i>In-vivo</i> Anti-ulcer Activity of <i>Punica Granatum</i> Leaves			
Fostering Professionalism in Pharmacy Students by Multi-pathway Program			



## RESEARCH GUIDANCE:

### Guided 3 students for their Ph. D. Research with following details;

Thesis topic	Name of student	Year
Development of Solid Self-micro Emulsifying Drug Delivery System of Cardiovascular Drugs for Enhanced Bioavailability	D. A. Bhagwat	2013
Development of Lipid based Novel Topical Formulation for Anti-Microbial Therapy	S. R. Desai	2013
Synthesis and Biological Evaluation of Benzotriazole Derivatives	C. M. Jamkhandi	2014

### Presently guiding 3 students for their Ph. D. research with following details;

Thesis topic	Name of student	Reg. Year	University
Development of Novel Herbal Nano-Pharmaceutical Drug Delivery for Cancer	Neha Patil	2019	Shivaji University, Kolhapur
Development of Novel Herbal Formulation with Immunomodulatory Activity	Shubhangi Patil		
Investigation and Formulation Development of New Antifungal Agent from Microbial Resource	Yashashri Hingmire		
Development of Topical Emulgel Formulation of Tretinoin	Shobhraj Malvi	2015	Pacific, Rajasthan
Pharmacognostic and Pharmacological Evaluation of <i>Spermadicyton Sueveolens</i>	Pratik Maske	2015	Pacific, Rajasthan
Studies on Development of Unistain Probiotics for Anticancer and Antioxidant Activity (Under Inspire Scheme)	Abhinandan Patil	2014	DYP, Kolhapur

### Guided 61 students for their M. Pharm. research with following details;

Thesis topic	Name of student	Year
1. Impact on Dissolution Rate of Antidiabetic Drug Via Adsorption Method	Prajakta Kakade	2017-18
2. Development and Characterization of Nanoparticles for Co-Delivery of Docetaxel and Ritonavir	Shobharani Mali	
3. Development and Characterization of Multiple Nano-Emulsions for Co-Delivery of Capecitabine and Leucovorin	Samadhan Mane	
4. Development and Characterization of Podophyllotoxin-Polymer Conjugate Micelles	Asmita Sakate	
5. QbD Based Formulation and Evaluation of Microemulsion of Famotidine	Ashwini Dhangar	
6. QbD Based Formulation and Evaluation of Fast Dissolving Tablet of Indomethacin	Surbhi Kolekar	
7. Spectrophotometric Estimation of Sitagliptin in Bulk and	Umesh Patil	



Tablet Dosage Form Using QbD Approach		
8. QbD Based Formulation and Evaluation of Topical Emulgel of Tretinoin	Kapil Pawar	
9. Development and Characterization of Anticancer Drug Loaded Liposomes	Joel Bardeskar	2016-17
10. Synthesis and Characterization of Carbohydrate Prodrug of Methotrexate	Swapnil Birange	
11. Development and Characterization of Anticancer Drug Loaded Nanoemulsion	Sunny Dinde	
12. Development of Novel Microemulsion Gel of Triazole Antifungal Agent	Priti Hardas	
13. Formulation and Evaluation of Gastroretentive Mucoadhesive Drug Delivery System of Model Cephalosporin	Rashmi Kutwal	
14. Development and Characterization of Simvastatin Loaded Micelles	Neha Patil	
15. QbD Based Formulation and Evaluation of Fast Dissolving Tablet of Aspirin	Rashmi Mali	
16. QbD Approach for Development and Evaluation of Sustained Release Verapamil Hydrochloride Tablet	Neha Salunkhe	
17. QbD Approach for Development and Evaluation of Fast Release Propranolol Hydrochloride Tablet	Priyanka Samudre	
18. QbD Based Analytical Method Development for the Estimation of Nystatin in Gel Dosage Form	Sharvari Patil	
19. Development of Newer Methods for Estimation of Darunavir Using QbD Approach	Ritesh Godambe	
20. Development of Newer Analytical Method for Docetaxel by QbD Approach	Nikitasha Patil-Thorat	
21. Bioanalytical Method Development and Validation of Aprepitant by RP-HPLC	Gaurav Alande	
22. Formulation and Evaluation of an Antifungal Emulgel by Factorial Design Approach	Shweta Kulkarni	
23. Polyacrylic Acid Docetaxel Conjugate Micelles: Application in Tumor Targeting	Prajakta Khopade	
24. Development of Novel Probiotic Formulation Using <i>Lactobacillus Acidophilus</i>	Nurzeba Bepari	
25. Development and Characterization of Carbohydrate Anticancer Drug Conjugate Micelles	Mahesh Athavale	
26. Design and Characterization of Lipid Anti-HIV Drug Conjugate Nanoparticles	Abhijeet Shete	
27. Development of drug loaded micelles for active targeting of tumor	Popat Kumbhar	2014-15
28. Design and evaluation of lipid based nanocarriers loaded with Anti-HIV drug	Samadhan Bansode	



29. Comparative study of porous polymer and adsorbent on oral bioavailability of gliclazide	Asha Patil	2013-14
30. Formulation development and evaluation of sulfamate-substituted monosaccharide immediate release tablet	Pratik Kakade	
31. Stability Analysis and Quantitative Evaluation of Metronidazole Suspension	Pranoti Patil	
32. Quality Target Product Profiling of Herbal Ointment For Rheumatism	Pravinkumar Patil	
33. Design and evaluation of Guanfacine extended release formulation	Sanjay Hande	
34. Enhancement of solubility and dissolution rate of BCS, class II drug by melt granulation technique	Jagdip Salgar	
35. Formulation and Evaluation of Effervescent Tablet belonging to Non Steroidal Anti-inflammatory class	Vishnu Waghmode	
36. Development of Nanocarriers loaded with Anti-HIV drug	Dhanashree Lad	
37. Formulation and Evaluation of Verapamil Pulsatile Compressed Coated Tablet	Aparna Mane	
38. Formulation and development of oral disintegrating tablet of antiemetic drug	Annaso Padalkar	
39. Enhancement of solubility of poorly water soluble API by hot melt extrusion and spray drying technique	Mansing Patil	2013-14
40. Solubility enhancement of olmesartan using hot melt extrusion technique	Nilofar Tamboli	
41. Computerized system validation as per Good Automated Manufacturing Practices (GAMP-5) and USFDA 21 CFR Part-11	Vaibhav Todkar	
42. Novel approach and formulation of rapidly disintegrating tablet of antipsychotic drug with conventional and ready to use effervescent based approach	Mahesh Botre	2012-13
43. Novel buccal drug delivery of Naratriptan for management of acute migraine	Gorakh Dhumal	
44. Formulation and evaluation of fast dissolving oral film of selective antihypertensive drugs	Manmath Gurdale	
45. Screening natural gums for their potential of sustaining release from matrix tablet of Verapamil Hydrochloride	Tabssum Mullani	
46. Solubility enhancement of anti-viral drug by SMEDDS	Sameer Patel	
47. Probiotics: a new generation dosage form as nutraceuticals and therapeutic mediator	Abhinandan Patil	
48. Development of Oro-dispersible tablet of Atorvastatin calcium using hot melt extrusion	Amol Sabale	
49. Development of Novel Topical gel formulation containing <i>Hamiltonia suaveolens</i> for wound healing activity	Vinayak Shinde	
50. Approach for solubility enhancement of poorly water soluble API	Rajendra Waghmode	
51. Spray Dried solid dispersion based Fast dissolving tablet of	Ajit Patil	



Lornoxicam		12
52. Microencapsulation by Spray Drying for Stability Enhancement of Rabeprazole Sodium	Sagar Satpute	
53. Development of solid self micro emulsifying drug delivery system of Diacerin	Priyanka Patil	
54. Microemulsion based in-situ gel of Ciprofloxacin for ophthalmic drug delivery	Poonam Kadoli	
55. Solubility Enhancement of Ritonavir by using Hot Melt Extrusion	Kiran Musale	
56. Formulation of pH sensitive, colon targeted controlled drug delivery using fenugreek gum	Vinod Dube	
57. Development of controlled porosity osmotic pump tablet for oral administration of Metformin and Glipizide	Supriya Patil	
58. Development of modified release biphasic-compression coated tablet	Poonam Patil	
59. Development of Modified Release Eudragit RS 100 Based Microsponge Formulations of Aceclofenac	Sagar Yadav	2008-09
60. Formulation Development and Characterization of Solid Lipid Nanoparticles for Topical Delivery of Clotrimazole	Tapankumar Sow	
61. Spray Dried Oil-in-Water Dry Emulsion: Studies on Photostability and Dissolution Profile Improvement of Nifedipine	Krishnakant Bhelkar	2007-08

**Presently guiding 9 students for their M. Pharm. research.**

Thesis topic	Name of student	Year
1. Process Validation and Standardization of Herbal Formulation -Femigen Capsule	Sourabh Bhosale	2018-19
2. Quality by Design Approach for Development and Evaluation of Nanocrystal Drug Delivery System for Poorly Water Soluble Drug	Aishwarya Kamble	
3. Development and Validation of RP-HPLC Method for Simultaneous Determination of Docetaxel and Ritonavir	Sonali Diwate	
4. Development of IR Tablet of Drug by Quality Management System	Tejaswini Burase	
5. QbD Based Formulation and Evaluation of Fast Disintegrating Tablet of Ondansetron	Sayali Patil	
6. QbD Based Formulation and Evaluation of Topical Emulgel of Nystatin	Priyanka Pawar	
7. QbD Based Formulation and Evaluation of Orlistat Nanoemulsion	Tejashri Shinde	
8. Development of Anticancer Drug Loaded Nanoparticles Using Polyacrylic Acid Grafted with TPGS and PEG	Sarika Mali	
9. PLGA Nanoparticles Coated With Chitosan for Ocular Delivery of Anti-cancer Drug	Sonali Bendre	



## PROFESSIONAL EXPERIENCE:

### Creativity

- **Drafting & Designing Institute Brochure** of Shree Warana Vibhag Shikshan Mandal (SWVSM)
- **Designing of Golden Jubilee Logo** of SWVSM
- Writing & recording **College Anthem**
- **Designing College Logo**
- **Drafting & Designing Invitation cards, Memento, Manpatra** etc of college and SWVSM
- Design and development of college displays including statements of Vision, Mission, Values; Code of Conduct for the students; **Museum displays** for mentoring of visitors and students as well.
- Development of Teaching and non-teaching staff **Appraisal System** with **Student feedback form, Faculty Assessment Sheet**
- Development & conducting **Student Induction Programme** for fresher students; **Parenting** of the students etc
- Creation of **Documentary of Shree Warana Vibhag Shikshan Mandal**, Warananagar
- Designing of **Industry oriented syllabus** of 2 subjects in M. Pharm. syllabus viz Product Development and Polymer Sciences and **two courses in Community Development Medical Representative and Cosmeticology**

### Supervisory/ Reviewer/ Observer

- **Member, Flying Squad**, for examinations of SUK
- **Reviewer** of several journals of repute - Drug Development and Industrial Pharmacy, Journal of Agricultural and Food Chemistry, Journal of Medical Sciences etc
- **External referee for evaluation of Ph. D. Thesis** of various Universities
- **External Senior Supervisor** for examinations of Bharati Vidyapeeth University at Kolhapur Centre
- **ARC officer** for centralized admission procedure for Degree course in Pharmacy, conducted by Directorate of Technical Education (DTE) for academic year 2009–10
- **Observer** for Refresher Course/ Continuous Education by M S Pharmacy Council
- **Referee** for various scientific paper presentations of Pharmacy and Engineering students at various conferences like Pioneer 2K, Pharma-Utsav, FDDPR etc
- **Examiner and Paper setter** for various subjects in B. Pharm., M. Pharm., B. E. and M. E. (Biotechnology) of SUK
- **Examiner** for various subjects in B. Pharm. & or M. Pharm. of Rajiv Gandhi University of Health Sciences, Bangalore (Karnataka); Goa University, Goa; Bharati Vidyapeeth University, Pune; Savitribai Phule Pune University, Pune; KLE University, Belgaum etc
- **Administrative Responsibilities** handled at college: Compilation and designing of college prospectus and website, Coordinator Shikshan Shulka Samiti, Mandatory Disclosure proposals, in-charge and member of various committees like AICTE, PCI, University inspections, Museum development, Co-curricular, Extra-curricular, Industrial tour, training and Placement etc



## **AWARDS:**

- **Barrister P. G. Patil Best Teacher Award 2010-11**, Shivaji University, Kolhapur
- All India Achievers Foundation's **Shiksha Bharati Puraskar 2010**
- **Citizen of the Year** award Mahatma Gandhi Tanta Mukti Abhiyan, Ajara Grampanchayat, Ajara, 2013

## **GRANTS:**

- 103000/- from Vigyan Prasar, New Delhi to conduct two days workshop for teachers on Fostering Creativity & Innovation in Science Education.
- Grant of Rs 2 Crores, from Rajiv Gandhi Science & Technology Commission, Maharashtra State Govt. for setting **Warana Science and Innovation Activity Centre** as Principal Coordinator from Maharashtra State Government
- **Travel Grant** from **Indo-Japanese International Forum** for presenting paper at 5th Indo-Japanese International Joint Symposium on Overcoming Intractable Infectious Diseases Prevalent in Asian Countries, Tokyo, Japan; 2014, 16<sup>th</sup> – 17<sup>th</sup> September
- **Financial Assistance to Travel Abroad** from SUK for Paper Presentation at 5th Indo-Japanese International Joint Symposium on Overcoming Intractable Infectious Diseases Prevalent in Asian Countries, Tokyo, Japan; 2014, 16<sup>th</sup> – 17<sup>th</sup> September
- **AICTE EDC (Rs 4 lacs), RPS (Rs 4.5 lacs) and Seminar grant 2012 (Rs 1 lac), Seminar grants 2014 (Rs 1 lac)**
- **Research Grant to University or College Teachers** 2013–15, for research proposal 'Development of Modified Release Biphasic Compression Coated Tablet for Cardiovascular Drug', from SUK
- **Travel Grant** from **International Pharmaceutical Federation (FIP)** for presenting paper at 3<sup>rd</sup> Pharmaceutical Sciences World Congress (PSWC), 22–25 April 2007, Amsterdam, the Netherlands
- **Financial Assistance to Travel Abroad** for Paper Presentation from SUK at 3<sup>rd</sup> PSWC, 22–25 April 2007, Amsterdam, the Netherlands
- **Financial Assistance to Travel Abroad** for Paper Presentation from Bharati Vidyapeeth, Pune at 3<sup>rd</sup> PSWC, 22–25 April 2007, Amsterdam, the Netherlands
- **Research Grant to University or College Teachers** 2006–07, for research proposal 'Microporous Polymeric Delivery of Fluconazole for Topical Application', from SUK
- **Financial Assistance to Travel Abroad** for Paper Presentation from **SUK** at 20<sup>th</sup> FAPA at Bangkok, Thailand from 30<sup>th</sup> Nov to 3<sup>rd</sup> Dec 2004
- **Research Grant to University or College Teachers** 2003–04, for research proposal 'Micellization to Improve Therapeutic Efficacy of Benzoyl Peroxide in Acne Treatment', from SUK

## **BEST PAPER AWARDS (POSTER):**

- Optimization of Method for Determination of Swelling Factor of Ispaghula Seeds, Durgacharan A. et al at Pharma Utsav on 21 - 23<sup>rd</sup> Dec 2004.
- Improving Chemotherapeutic Drug Penetration in Tumors by Vascular Targeting and Barrier Alteration, Raturaj Mhasvekar et al at Pioneer 2K5 organized by KIT's College of Engineering, Kolhapur.



- Photodynamic Therapy Agent - Polyethylene Glycol/ phosphatidyl Ethanolamine Immunomicelles conjugates for Improved Cancer Therapy presented by Patil K. et al at Pioneer 2K6 organized by KIT's College of Engineering, Kolhapur.
- Formulation and Evaluation of Antimicrobial Activity of Herbal Foot Creams, National Seminar on Emerging Trends in Ethno-pharmacology, Held at HSK College of Pharmacy, Bagalkot, Karnataka, 12–13<sup>th</sup> Nov. 2005.
- Need of Redesigning Pharmaceutical Label: Individually Identifiable and Understandable, 58<sup>th</sup> Indian Pharmaceutical Congress, Mumbai, 1–3<sup>rd</sup> Dec 2006.
- Regulations in Naming and Trade-Dressing The Drug Products: to Prevent The Medication Errors, 60<sup>th</sup> IPC, New Delhi, 12–14<sup>th</sup> Dec 2008.
- Pharmaceutical Quality Function Deployment: Tool for Translation of Customer Voice into Quality of the Product, National Seminar on Advances in Quality Assurance of Pharmaceuticals, Nagpur, 10<sup>th</sup> Feb 2009.

### **QUALITY IMPROVEMENT PROGRAMMES/ CONFERENCES/ SEMINAR ATTENDED:**

1. 2nd Leadership Development Conclave on Nurturing the Next Generation Pharmacy Leaders, Goa, 15th to 17th September 2018.
2. One Week Training Programme for CPCSEA Nominees, National Institute of Animal Welfare, Ballabgarh, Faridabad, Haryana, India, 10-14 October 2016.
3. National Seminar on Quality Assurance in Health Science Institutions, Sponsored by NAAC, Organized by KLE University, 2-3 Jan. 2012.
4. Two days National Workshop on “Applications of Biostatistics in Experimental Designing”, at Satara College of Pharmacy, Satara on 13<sup>th</sup> and 14<sup>th</sup> Feb 2009.
5. AICTE Sponsored Quality Improvement Programme on Innovations in Pharmaceutical Technology and Drug Delivery Systems, at KLES's College of Pharmacy, Belgaum from 21<sup>st</sup> July to 1<sup>st</sup> Aug 2008.
6. Workshop on “Concept & Applications of Statistics in Pharmaceutical Research”, at Govt. College of Pharmacy, Karad on 8<sup>th</sup> and 9<sup>th</sup> March 2008.
7. National Level Symposium on “Frontiers in Drug Discovery and Process Research”, at B. V. College of Pharmacy, Kolhapur on 3<sup>th</sup> and 4<sup>th</sup> March 2008.
8. 3<sup>rd</sup> Pharmaceutical Sciences World Congress (PSWC), 22 – 25<sup>th</sup> April 2007, Amsterdam, the Netherlands.
9. State Level Symposium on “Recent Trends and Practices in Drug Discovery”, at A. B. College of Pharmacy, Sangli on 28<sup>th</sup> March 2007.
10. One day workshop on Advances in Novel Drug Delivery Systems, at Satara College of Pharmacy, Satara on 7<sup>th</sup> Oct 2006.
11. AICTE Sponsored Quality Improvement Programme on Innovations in Pharmaceutical Biotechnology, at BVDU Poona College of Pharmacy, Pune from 20<sup>th</sup> Feb to 4<sup>th</sup> March 2006.
12. 10<sup>th</sup> Association of Pharmaceutical Teachers of India National Convention, Nagpur from 17 – 18<sup>th</sup> Oct 2005.
13. 1<sup>st</sup> Indo-Japanese International Conference on Advances in Pharmaceutical Research and Technology, Mumbai 25 – 29<sup>th</sup> Nov 2005.
14. 20<sup>th</sup> Federation of Asian Pharmaceutical Associations Congress “Emerging Science and Profession in Pharmacy”, at Bangkok, Thailand from 30<sup>th</sup> Nov to 3<sup>rd</sup> Dec 2004.
15. Workshop on “Framing of New B. Pharm. Syllabus”, at B. V. College of Pharmacy, Kolhapur on 22<sup>nd</sup> and 23<sup>rd</sup> Nov. 2004.



16. 53<sup>rd</sup> Indian Pharmaceutical Congress at Bharati Vidyapeeth, Pune on 13 – 15<sup>th</sup> Dec 2002.
17. AICTE sponsored National Seminar on Biotechnology: an Emerging Frontier for the Indian Pharmaceutical Industry at Sinhgad College of Pharmacy, Pune from 29 – 31<sup>st</sup> Aug 2002.
18. Regional Orientation Programme in the Branch of Pharmaceutics at K. M. K. College of Pharmacy, Mumbai on 20 – 21<sup>st</sup> June 2000.
19. Refresher Course cum Workshop for Pharmacist and Teachers at Bharati Vidyapeeth's Poona College of Pharmacy, Pune on 4 – 5<sup>th</sup> March 2000.
20. National convention on Pharmaceutical Education at K. L. E. S's College of Pharmacy, Belgaum on Sep 1998.

### **PROFESSIONAL MEMBERSHIP:**

- **Life member** of Indian Pharmaceutical Association (IPA) with Membership Number MAH/KOLH/LM/0001
- **Life member** of Indian Society for Technical Education (ISTE) with Membership Number LM 35861 dated 07/ 03/ 03
- **Life member** of The Association of Pharmaceutical Teachers of India (APTI) with Membership Number MA/ LM 601 dated 05/ 09/ 05
- Member Lions Club Kolhapur city
- **Founder Secretary and Life member** of Alumni Association Bharati Vidyapeeth College of Pharmacy, Kolhapur with Membership Number 004

### **EXTENSION ACTIVITIES:**

#### **Professional**

- Coordinating community development courses of SUK like hospital management, nutrition & dietetics, water, food & soil analysis, ayurved parichay & conservation of plants
- Organizing continuous education programmes for pharmacists including tb-dots sensitization cum training programme, sessions of patient counseling etc
- organizing pharmacist registration camp
- Organizing skill & attitude development programmes for students
- Facilitating employability by better Industry-Institute-Interactions, MoUs, Campus interviews etc
- Organizing industrial, hospital, botanical tours for the students

#### **Social**

- Delivering expert talk/ counseling on 'Safe Use of Medicines' in the villages around
- Development of Pamphlets, banners, leaflets for awareness about use of medicines, breast feeding, diabetes care, herbal medicines etc.
- Publishing news paper articles on careers in pharmacy.
- Organizing Blood donation, Blood group and Hb determination, Safe use of medicines, Health and AIDs awareness camp, Breast feeding week celebration etc
- NSS activities like: plantation, cleanliness, safe storage of household medicines, food and medicine adulteration awareness etc.



### **Consultancy:**

- Province Bioneers, Industrial Estate Ltd., Hatkanagle
- Ankoor Herbal Pvt. Ltd., 1168, E, Rajaram Road, Takala, Kolhapur
- Tirupati Agency, 11B, LIC Colony, Kalamba Road, Kolhapur
- Shubheccha Homeopathic Clinic, Tarabai Park, Kolhapur
- Mistair Health and Hygiene Pvt. Ltd., Kolhapur
- S. G. Phyto Pharma Pvt. Ltd., Kolhapur
- Healthy Life Pharmaceuticals Pvt. Ltd., Kolhapur

Date: 12-04-2019

Place: Warananagar

A handwritten signature in blue ink, appearing to read 'John I. Disouza', is positioned above the printed name.

**Dr. John I. Disouza**