



Name	Dr. Tushar Narendra Lokhande		
Designation	Principal and Professor (Pharmaceutical Chemistry)		
Educational Qualification	M. Pharm, PhD (Tech), PGDIPR, DBM.		
Work Experience	Teaching: 12 Years, Research & Development: 7 years		
Email	principal@hkcp.edu.in principalhkcp@gmail.com		
Area of Specialization	Research & Development, Process Research, NCE, API, Analytical method development, CADD		
Professional work experience	H. K. College of Pharmacy, Mumbai	2023 to till date	Principal and Professor
	MGV's Pharmacy College, Nashik	2022 to 2023	Professor
	MGV's Pharmacy College, Nashik	2012 to 2022	Associate Professor
	Fem Care Pharma Ltd, Nasik	2008 to 2012	R & D Manager
	Research Support International Ltd, Mumbai	2007 to 2008	Research Associate
	Bombay College of Pharmacy, Mumbai	2002 to 2003	Research Fellow
	Arch Phytochemicals Ltd, Mumbai	2001 to 2002	Research Associate; R & D

Subjects taught	Advanced Organic Chemistry, Advanced Medicinal Chemistry, Computer Aided Drug Design, Advanced Analytical Techniques, Drug Regulatory Affairs, Active Pharmaceutical Ingredients and Technology, Principles of Process Chemistry
Research Students Guided	Ph.D. Students guided: 06 M. Pharm Students guided: As a guide: 20, As a Co-guide:10
Awards,Credentials, Professional affiliations	<ul style="list-style-type: none"> • Nominated as a Member-Board of studies in subject BSc (Drug Chemistry) at Rayat Shikshan Sanstha's, Yashvantrao Chavan Institute of Science, Satara, (Autonomous College) from 29-03-2023. • Invited as a Jury member for Maharashtra Startup Yatra 2022 organized from 13-14th Oct. 2022 by Maharashtra State Innovation Society, Department of Skills, Employment, Entrepreneurship and Innovation, Govt. of Maharashtra held at Nasik. • Nominated as a Member-Board of studies in subject Chemistry and Chemistry for Industry Integrated Learning Program under faculty of Science of Sandip University, Nasik from 23-06-2022. • Received Nation Builder Award from Rotary Club of India, Nasik under General category- Teachers for professional Category, on Sept 10,2022 • Invited as judge for Online Competition, Vortex 8.0 and 9.0, The Chemfest, held on March 7, 2021, and March 6,2022 resp., organized by Institute of Chemical Technology (ICT), Matunga, Mumbai, which was supported by United Nations Educational Scientific and Cultural Organization and Indian National Commission for Cooperation with UNESCO (INCCU) • Worked as a member of Staff selection committee for recruitment of teaching staff. • Referee for the Letters in Drug Design & Discovery (Bentham Science Journal) and Indian Journal of Pharmaceutical Sciences (IJPS), official publication of Indian Pharmaceutical Association (IPA), kalina, Mumbai. • Worked as Examiner, Paper Setter, Evaluator and Moderator for the pharmacy curriculum of Savitribai Phule Pune University, Pune.

	<ul style="list-style-type: none"> Appointed as a external examiner for M.Pharm, M.Tech and PhD. (Tech) at, Institute of Chemical Technology (ICT), Matunga Mumbai, Mumbai University, Mumbai, Savitribai Phule Pune Univeristy, Pune and SVKM'S NMIMS.,Shirpur, Dhule. Appointed as a subject expert for departmental Research Committee-Pharmaceutical Chemistry for personal interview for PhD admission at various colleges affiliated to Savitribai Phule Pune University, Pune. Included as honorary member in Whose Who in Science and Technology, 2008 Received Sir. Ratan Tata Trust Scholarship for the year 2006. Received The Indian Pharmaceutical Association - Shri Ramanbhai B. Patel Foundation - (IRF) Ph.D Scholarship, June 2005 to May 2006. Received International Travel Grant, IPA-Shri. Ramanbhai B. Patel foundation (IRF), to attend 4th Drug Discovery Symposium, organized by Johnson & Johnson Pharmaceutical Research & Development, held at Aula Major of the University of Antwerp., Belgium, April 2005. Received Amrut Mody Research Fellowship, Bombay College of Pharmacy, June 2002 to May 2005. Received Junior Research Fellowship, Haffkine Institute, November 1998 – April 2001. Member of APTI, IPA, Youth Hostel Association of India (YHAI)
Publications and Patents	<ul style="list-style-type: none"> Vaishali Pardeshi, Tushar Lokhande, Development and Validation of stability indicating HPTLC method for analysis of novel nitroimidazooxazine antimycobacterial drug Pretomanid, accepted for publication in International Journal of Pharmaceutical Sciences and Research., 14 (10): Oct . 2023, Published by Society of Pharmaceutical Sciences and Research E-ISSN: 0975-8232; P-ISSN: 2320-5148 Vaishali Pardeshi, Tushar Lokhande, Rina Firke, Sneha Patil, Vishakha Pawar, Development and Validation of a simple UV spectrophotometric method for the determination of Delamanid, International Journal of Research in Pharmaceutical Sciences, 14(1): 10-14, 2023, Published by JK Welfare & Pharmascope Foundation ISSN: 0975-7538

- Vaishali Pardeshi, **Tushar Lokhande**, Ashwini Shelke, A simple UV spectrophotometric method development and Validation for the determination of Pretomanid, International Journal of Research in Pharmaceutical Sciences, 13(4): 1-6, 2022, Published by JK Welfare & Pharmascope Foundation ISSN: 0975-7538
- Yogita B. Thmbare, Pritam N. Dube, **Tushar N. Lokhande**, Vikas D. Kedar, Gokul G. Talele, A novel synthesis and biological evaluation of 5-(4-chlorophenyl)-1H-tetrazole and 5-(2-chlorophenyl)-1H-tetrazole and their sulfonyl derivatives as selective COX-2 inhibitors, Inventi Rapid: Med Chem , 2022(4): 1-6, 07 Dec. 2022 Published by Inventi Journals (P) Ltd E- ISSN: 0976-755X; P- ISSN: 2229-4198.
- Vaishali Pardeshi, **Tushar Lokhande**, Ashwini Shelke, Trupti Tuse, Bhagyshree Pawar, Chandrakant Bonde, A breakthrough in the treatment of multidrug-resistant tuberculosis: Novel and Effective approach, The Egyptian Journal of Chest Diseases and Tuberculosis, 71: 413-423, 2022 Published by Wolters Kluwer Medknow Publications, ISSN : 2090-9950
- **Tushar N Lokhande**, Kavita T Daware, Shweta S Jadhav, Kshitij S Varma, Subash Shinde, Vaishali Pardeshi, Ashwini Shelke, Recent advances and different applications of Petasis-Boron Mannich Reaction, International Journal of Pharmaceutical Sciences and Research., 13 (11): 4321-4335, Nov. 2022, Published by Society of Pharmaceutical Sciences and Research E-ISSN: 0975-8232; P-ISSN: 2320-5148.
- Pritam N. Dube, Vivekanand A. Chatpalliwar , Yogita B. Thombare, **Tushar N. Lokhande**, Design and Synthesis of 3, 5-Diphenylpyrazole derivatives as Selective Estrogen Receptor Modulators, International Journal of Research in Pharmaceutical Sciences, 13(3): 282-291, 2022, Published by JK Welfare & Pharmascope Foundation ISSN: 0975-7538. (IF: 0.604)
- Ashwini V. Shelke, **Tushar N. Lokhande**, Vaishali Pardeshi, Kavita Daware, Shweta Jadhav, Anil Jadhav, Characterization of Impurities in Reverse Transcriptase Inhibitors by Profiling Techniques, Asian Pacific Journal of Health Sciences [APJHS] 9(4):18-26., 2022 licenced under a Creative Commons Attribution 4.0 International Licence SN: 2349-0659 p-ISSN; 2350-0964

- **Tushar N Lokhande**, Shweta S Jadhav, Kavita T Daware, Kshitij S Varma, Khushbhu Patil, Shital J Patil, Ganesh U Chaturbhuj, A Revision of the Biginelli Reaction: A Combined Experimental and Pharmacological Investigation, Der Pharma Chemica, 13(10): 15-24, 2021, ISSN 0975-413X
- **Dr. T.N. Lokhande**, Pratiksha S. Gangurde, Dr. S. R. Tambe and Dr. R. S. Bhambar, Machine Learning: Approaches and Applications in Drug Discovery, International Journal of All Research Education and Scientific Methods (IJARESM), Vol. 9(8): 1274-1281, Aug 2021, ISSN: 1274-1281.
- Ms. Bhagyashri D. Jadhav and **Tushar N. Lokhande**, “Microwave Synthesis of 3-methoxy phenyl Triazolothiadiazole Derivatives” International Journal of Scientific Development and Research (IJSDR), 5(8):67-70, Aug.2020. ISSN: 2455-2631
- **Tushar N. Lokhande** and Snehal Pawar, Tuberculosis: Pathogenesis, emerging drug targets, current drug regimens and drugs in clinical development, International Journal of Pharma Sciences and Research (IJPSR) Published by KEJA Publications, Vol. 10(9): 255-263, Sept 2019, ISSN: 0975-9492.
- Apurva S. Patel, **Tushar N. Lokhande** and Prashant Y. Mali, “Chromatographic Method Development and Validation of Misoprostol in Bulk and its Pharmaceutical Dosage Form” Inventi Rapid: Pharm Analysis & Quality Assurance, 2015(4):1-4, July 2015. E- ISSN: 0976-755X; P- ISSN: 2229-4198
- **Tushar N. Lokhande**, Viswanathan C.L., and Aarti Juvekar, “Synthesis and Evaluation of novel N-substituted 6-methoxynaphthalene-2-carboxamides as potential Chemo sensitizing agents for cancer” Chemical and Pharmaceutical Bulletin (CPB), published by Pharmaceutical Society of Japan, 56 (7):894-896, 2008. ISBN Number 0009-2363;
- Viswanathan C.L., Subrata Deb, Amit Jain, **Tushar Lokhande** and Aarti Juvekar, “Synthesis and Evaluation of L-glutamic acid analogs as potential anti-cancer agents” Indian Journal of Pharmaceutical Sciences (IJPS) 70(2):245-249, 2008 ISBN Number 0250-474X

	<ul style="list-style-type: none"> • Tushar N. Lokhande, Viswanathan C.L., Advait Joshi and Arati Juvekar, “Design, Synthesis and Evaluation of naphthalene-2-carboxamides as reversal agents in MDR Cancer.” Bioorganic Medicinal Chemistry published by Elsevier, 14: 6022-6026, May. 2006. ISBN Number 0968-0896; • Lokhande T. N., Bobade A. S. and Khadse B. G., “Synthesis of 4-(Pyrrolidin anilino)-N- aryl/ substituted aryl and heteroaryl succinimides as antimicrobial and antifungal agents” Indian Drugs, Published by IDMA, 40 (3): 147-150, Mar 2003. ISBN Number 0019-462X (IF: 0.132) • Lokhande Tushar N., Nadkarni Bharti A. & Khadse Barsu G., “Synthesis of N-alkyl/ (UN) substituted aryl /heteroaryl-4[4’ (4’’-chlorophenoxy)-3’-chloroanilino] succinimide as an antimicrobial and antifungal agent”, Indian Journal of Heterocyclic Chemistry, 11: 83-84, July-Sept 2001. ISBN Number 0971-1627 (IF: 0.132) <p>Patents: 02</p> <p>Patent Grant: 01</p> <p>Innovation Patent: Australian Patent number 2021103070 on topic, A novel Composition for the treatment of tuberculosis was file on 03-06-2021 and granted on 16 -03-2022, for the period of eight years from 03-06-2021. to 02-06-2029.</p> <p>(http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021103070)</p> <p>Patent Filed: 01</p> <p>Indian Patent (Application no: TEMP/E-1/85864/2022-MUM) A bio enhanced transdermal cream formulation of Curcumin was filed on 23 -02-2023</p>
No. of presentations	<ul style="list-style-type: none"> • Tushar N. Lokhande, Komal S. Valve and Rajendra S. Bhambar“ In Silico Screening of chemical constituents of Rhododendron Arboreum as a potential inhibitors of SARS-COV-2 main protease and spike RBD : Targets for Covid -19 presented in the Poster session of Schrodinger’s , International Conference on Drug Design and Discovery-2022, held at BITS-Pilani Goa from 10 to 11 , Nov. 2022 • Vaishali N. Pardesi, Kshtij S. Varma, Tushar N. Lokhande, “Design, Syntheis and Evaluation of Antifungal activity of N.methyl-2-[N-4-aryl)Piperazin-1-yl]ethyl benzimidazole” presented in the

- Poster session of Schrodinger's , International Conference on Drug Design and Discovery-2022, held at BITS-Pilani Goa from 10 to 11 , Nov. 2022
- Ashwini Shelke, Swati Talele, Tushar Lokhande, Carbon Nanotube Performing role in Nano biosensors, presented in oral session of 5th International Conference on Recent Trends in Bioengineering (ICRTB 2022), held at MIT School of Bioengineering Sciences & Research MIT, Art, Design and Technology University, Pune-412201, on 12-13 Feb 2022
 - Tushar N. Lokhande and Kshtij Varma “Design, Synthesis and Evaluation of substituted thiophene derivatives as a novel anti-anxiety agents.” presented in the Poster session of Schrodinger's, International Conference on Drug Design and Discovery-2020, held at BITS-Pilani Hyderabad from 29 Feb to 2nd , March 2020 published in Proceedings of International Conference on Drug Discovery (ICDD) Feb 2020, Available at SSRN: <https://ssrn.com/abstract=3530731>
 - Tushar N. Lokhande and Kshtij Varma “Design, Synthesis and Evaluation of substituted thiophene derivatives as a novel anti-anxiety agent.” presented in the Avishkar-2019, University Level Research Competition on 21st January 2020.
 - Tushar N. Lokhande and Anuja Bhosale “Design, Synthesis and Evaluation of novel Isatin derivatives.” presented in the oral session of Savitribai Phule Pune University, Pune & Board of College & University Development (BCUD) INNOVATION-2016 regional research Conference held at K.R. Sapkal College of Management Studies,, Nasik on 1st Oct. 2016
 - Tushar N. Lokhande and Anuja Bhosale “Design, Synthesis and Evaluation of novel Isatin derivatives.” presented in the poster session of Savitribai Phule Pune University, Pune & Board of College & University Development (BCUD) INNOVATION-2015 regional research Conference held at Sinhgad College of Pharmacy,Pune on 29-30 June. 2015
 - Tushar N. Lokhande and C. L. Viswanathan “Design, Synthesis and Evaluation of novel N-substituted-6-methoxynaphthalene-2-carboxamides as potential Chemo sensitizing agents for cancer.” presented in the poster session of International Conference on Advances in Drug Discovery Research, organized by Indian Society of Chemists & Biologists, CDRI, Lucknow and Dr. Babasaheb Ambedkar Marathwada University Aurangabad, held at Hotel Rama International, Aurangabad, Feb. 2007

	<ul style="list-style-type: none"> • Tushar N. Lokhande, Advait A. Joshi and C. L. Viswanathan “Development of novel 6-methoxynaphthalene–2-carboxamides as reversal agents in MDR Cancer.” presented in the poster session of 4th Drug Discovery Symposium, organized by Johnson & Johnson Pharmaceutical Research & Development, held at Aula Major of the University of Antwerp., Belgium, Apr. 2005. • Lokhande T. N., Viswanathan C. L. and Deb S. “Synthesis and Evaluation of L-glutamic acid analogs as potential anti-cancer agents.” presented in the oral session of 56th Indian Pharmaceutical Congress Association held at Calcutta, Dec 2004. • Lokhande T. N., Kulkarni Y.P., Khadse B.G. and Bobade A.S. “Synthesis of 3, 6 –disubstituted-1, 2, 4-triazolo [3, 4-b] [1, 3, 4] thiadiazoles as anti-infective agents.” presented in the oral session of 54th Indian Pharmaceutical Congress Association held at Pune, Dec 2002. • Lokhande T. N., Bobade A. S. and Khadse B. G., “Synthesis of 4-(Pyrrolidinanilino)-N-substituted aryl and heteroaryl succinimide as an antimicrobial and antifungal agent” presented in the poster session of 52nd Indian Pharmaceutical Congress Association held at Hyderabad, Dec 2000.
Book Chapters	<p>Total no of Book Chapters (Apple Academic Press (AAP)co-published with CRC press, Taylor & Francis group and Scrivener Publishing Wiley) : 13</p> <p>I. Book: Applications of Functional Foods in Disease Prevention under Series: <u>AAP Advances in Nutraceuticals</u>, Apple Academic Press(AAP)co-published with CRC press, Taylor & Francis group , Hard ISBN: 9781774913611</p> <ol style="list-style-type: none"> 1. Vaishali N. Pardeshi, Tushar Lokhande, Sunil K. Mahajan, and Khemchand R. Surana, Novel Applications of Functional Foods in Brain Health 2. Khemchand R. Surana, Ashwini Shelke, Tushar Lokhande, and Sunil K. Mahajan, Functional Food in Management of Weight Loss and Obesity 3. Khushali Pagar, Sachin Gunjal, Khemchand Surana, Tushar Lokhande, Sunil Mahajan and Eknath Ahire, Functional Foods in Viral Infections <p>II. Book: Preventive and Therapeutic Role of Nutraceutical Vitamins under Series: <u>AAP Advances in Nutraceuticals</u>, Apple Academic Press(AAP)co-published with CRC press, Taylor & Francis group , Hard ISBN: 9781774914441</p>

1. Tushar N. Lokhande, Komal S. Valve, Subhash S. Shinde, Khemchand R. Surana, and Ganesh U. Chaturbhuj, Vitamins as Nutraceuticals in Cancer
2. Vaishali N. Pardeshi , Tushar N. Lokhande Khemchand R. Surana, Ashwini Shelke and Yogita B. Thombare, Vitamins as Nutraceuticals for Tuberculosis
3. Snehal D. Pawar, Snehal S. Kolpe, Tushar N. Lokhande, Khemchand R. Surana, Santosh R. Tambe, and Chandrakant G. Bonde, Vitamins as Nutraceuticals for Viral Infection
4. Ashwini V. Shelke, Khemchand R. Surana, Vaishali N. Pardeshi, Tushar N. Lokhande, and Sunil K. Mahajan, Vitamins as Nutraceuticals for Microbial Infections
5. Kshitij S. Varma, Tushar N. Lokhande, Ramesh A. Herole, Khemchand R. Surana, and Sunil K. Mahajan, Vitamins as Nutraceuticals for Hypertension
6. Kshitij S. Varma, Supriya R. Bhamare, Tushar N. Lokhande, Khemchand R. Surana, and Sunil K. Mahajan, Vitamins as Nutraceuticals for Baldness

III. Book: Plant Metabolites and Vegetables as Nutraceuticals under **Series:** AAP Advances in Nutraceuticals, Apple Academic Press(AAP)co-published with CRC press, Taylor & Francis group , Hard ISBN: 97817749154481

1. Ashwini V. Shelke, Sawti Talele, , Tushar Lokhande, and Anil Jadhav, Plant metabolites and vegetables for Heart Disease Prevention and Treatment

IV. Book: Vitamins as Nutraceutical, Recent Advances and Applications, Scrivener Publishing, Wiley, USA ISBN: 978-139-417470-6

1. Tushar N. Lokhande, Kshitij S. Varma, Shrikant M. Gharate, Sunil K. Mahajan and Khemchand R. Surana, Vitamins as Nutraceuticals for Pregnancy
2. Snehal D. Pawar, Shubham D. Deore, Nikita P. Bairagi, Vaishanavi B. Deshmukh Tushar N. Lokhande and Khemchand R. Surana, Vitamins as Nutraceuticals for Anemia
3. Tushar N. Lokhande Snehal D. Pawar, Snehal S. Kolpe, Khemchand R. Surana, Smita C. Bonde and Sunil K. Mahajan, Vitamins as Nutraceuticals for Oral Health

<p>Invitation as Guest Speaker</p>	<ul style="list-style-type: none"> • Resource person in FDP organized by Rayat Shikshan Sanstha's, Yashavantrao Chavan Institute of Science , Satara on Sept. 08,2022. • Lecture on Drug Design and Discovery-Current trends , delivered on 08 April 2021 at P.R.Pote Patil College of Pharmacy , Amravati • Lecture on Medicinal Chemistry, delivered on 11 March 2020 at Smt. Sharadchandrika Suresh Patil College of Pharmacy Chopda, Dist: Jalgaon. • Lecture on Optimization of Organic reaction and Processes, delivered on 01 Oct. 2019 at Kalyani Charitable Trust's , R.G.Sapkal College of Pharmacy, Nasik • Lecture on Active Pharmaceutical Ingredient Technology, delivered on 28 Sept. 2016 at NGSPM's College of Pharmacy, Anjaneri, Nasik. • Lecture on Industrial Process and Scale up, delivered on 21 Aug. 2015 at MGVS Samajshri Prashantdada Hiray College of Pharmacy, Malegaon, Nasik
<p>Academic Projects</p>	<p>#1-Research Project Design, Synthesis and Evaluation of substituted amino alkyl naphthalene carboxamides as Chemo sensitizing agents (Ph.D. Mumbai Univ) Guide: Dr. C.L. Viswanathan</p> <p>#2-Research Project Preparation, spectroscopic characterization, and evaluation of possible bio active compounds. (M.Pharm Mumbai Univ.) Guide: Dr. B.G. Khadse</p>
<p>Training programs / workshops/seminars /conferences attended</p>	<ul style="list-style-type: none"> • Attended AICTE sponsored ATAL-FDP on Artificial Intelligence in Drug Repurposing and polypharmacology organised by Seven Hill college of Pharmacy, Tirupati, Andhrapradesh, from 20th Sept. 2021 to 24th Sept. 2021. • Attended AICTE sponsored ATAL-FDP on NEP 2020: Implementation for Quality Education organised by Makhanlal Chaturvedi University of Journalism, M. P. from 13th Sept. 2021 to 17th Sept. 2021.

- Attended FDP on IBM Skills Build – Basics of Artificial Intelligence held online, organized by Pravin Patil College of Engineering, Thane from 5th July 2021 to 7th July 2021.
- Attended one-week Short Term Training Program on Advances in pharmaceutical research: A journey from academics to industry” sponsored by All India Council for Technical Education, New Delhi, organized by Government College of Pharmacy, Aurangabad, on 14 to 19, June 2021.
- Attended one-week Short Term Training Program on “Trends in Alternatives To Biological Methods In Pharmaceutical Studies” sponsored by All India Council for Technical Education, New Delhi, organized by Government College of Pharmacy, Aurangabad, on 24 to 29, May 2021.
- Attended five days FDP on Building Startup and Innovation Centers organized by MHRD-HRDC and Savitribai Phule Pune University, Pune on 26 to 30, Oct 2020.
- Attended one-week Short Term Training Program on Human Values, Ethics, Morals, Behavioral Science and Attitude sponsored by All India Council for Technical Education, New Delhi, organized by Sagar Institute of Research and Technology Pharmacy, Bhopal (MP), on 24 to 29, Aug 2020.
- Attended one day Syllabus Orientation Workshop jointly organized by Savitribai Phule Pune University, Pune and Dr. D.Y.Patil Institute of Pharmaceutical Sciences and Research, Pune on 22 June 2020.
- Attended two days e-FDP Webinar on Best Practices in innovation IPR and Patents in Pharma organized by Sharadchandra Pawar College of Pharmacy, Otur, Tal: Junnar, Dist.: Pune, on 26 & 27 May 2020.
- Attended five days e-FDP on Building Research and Innovation Culture among Pharmacy Teachers organized by Dr. D.Y.Patil Institute of Pharmaceutical Sciences and Research Pimpri, Pune in association with APTI, on 18 to 22 May 2020.
- Attended Savitribai Phule Pune University, Pune Sponsored two day international conference on Challenges and Future perspective in Pharmaceutical Sciences, at Emerald Park Hotel, Nasik on 24 & 25 Jan. 2020.

- Attended and act as a Co-convenor of Pharmacy Council of India and Savitribai Phule Pune University, Pune Sponsored one day Pharmacy Council of India Syllabus Orientation Workshop-2019, at SSK Solitaire Banquets and Hotels, Nasik on 29 Jan. 2019.
- Attended Savitribai Phule Pune University, Pune Sponsored two-day National level seminar on Current Scenario of Natural Product Stature in Commerce, Industry and Regulation at MGVS Pharmacy College, Nasik on 26 & 27 October 2018.
- Attended Savitribai Phule Pune University, Pune Sponsored two-day National level seminar on Current Trends Pharma Development and advancement in Drug Delivery Systems at MGVS Pharmacy College, Nasik on 23 & 24 January 2018.
- Attended Savitribai Phule Pune University, Pune Sponsored one day State level seminar on Novel Experimental Techniques in Preclinical Research at MGVS Pharmacy College, Nasik on 20th Nov. 2017
- Attended Savitribai Phule Pune University, Pune Sponsored one day State level seminar on Recent Trends in Chromatographic Techniques at MGVS Pharmacy College, Nasik on 20th Oct. 2016
- Attended Savitribai Phule Pune University, Pune Sponsored Two Day National level seminar on Recent Trends in Pharmacology at MGVS Pharmacy College, Nasik on 28-29 Jan. 2016
- Attended Savitribai Phule Pune University & BCUD, Pune Zonal Level Research Project Competition, Avishkar -2015 at MGVS Pharmacy College, Nasik on 5th Oct 2015
- Attended Savitribai Phule Pune University, Pune Sponsored one day National level seminar on Quality By Design: A Modern Approach in Pharmaceutical Industry at Sandip Foundation's Sandip Institute of Pharmaceutical Sciences, Nasik on 8 Jan. 2015
- Attended and act as a Co-convenor of Savitribai Phule Pune University, Pune Sponsored two-day National Level Conference on Innovation, Strategies and Globalization in Pharmaceutical Sciences at MGVS Pharmacy College Nasik on 27 -28 Dec. 2014
- Attended APTI, Annual National Convention on Emerging Trends in Pharmacy Profession and Education at Shree Shiv Chatrapati Sports Complex, Balewadi Pune on 28th-30th November 2014.

- Attended AICTE Sponsored three-day workshop on Spectroscopic Techniques In Pharmaceutical Analysis at MVP's Pharmacy College, Nasik on 25 -27 Feb. 2013
- Attended University of Pune Sponsored two-day seminar on Computer Aided Drug Design: Basic Concepts & Advances at MET's Pharmacy College Nasik on 24 -25 Feb. 2012
- Attended University of Pune Sponsored one day seminar on Currents Trends in Novel Drug Delivery Systems at MET's Pharmacy College Nasik on 30 Jan 2010
- One day Workshop on Molecular Modelling and Structure based drug design at Bombay College of Pharmacy (BCP), Mumbai organized by Dept. of Pharmaceutical Chemistry, BCP and Industry Institute Partnership Cell (IIPC) on 23rd March 2007.
- One day symposium on Green chemical approaches in organic synthesis organized at BCP, Mumbai organized by Dept. of Pharmaceutical Chemistry, BCP and IIPC on 1st April 2006.
- Two day National symposium on NMR spectroscopy: Basics, Applications and Trends, at Dept of Chemistry, Institute of Science, Mumbai sponsored by University Grant Commission (UGC), New Delhi, under Special Assistance Program (SAP), on 21-22th February 2005.
- Two-day seminar on Drug discovery and development: Challenges and opportunities for India, third program of AAPS in India organized by Indian Pharmaceutical Association (IPA) at Grand Hyatt, Mumbai, on 11-12th February 2005.
- One-day training course on High Performance Thin Layer Chromatography (HPTLC) at Anchrom Lab, Mulund, Mumbai conducted by CAMAG Switzerland, on 12th July 2004.
- One day seminar on new vistas in drug discovery at K.M. Kundnani College of Pharmacy (KMKCP), Worli, Mumbai, on 5th April 2003.
- Three day International symposium on Innovations in pharmaceutical Sciences and technology at Sci-tech Centre, Jogeshwari, Mumbai organized by B.V. Patel, Pharmaceutical Education and Research Development (PERD) Centre, Ahmedabad, India, Co-sponsored by IDMA, OPPI, on 1-3rd February 2003.
- One day seminar on Elements of drug design and discovery at BCP, Mumbai organized by Dept. of Pharmaceutical Chemistry, BCP and IIPC on 4th Jan 2003.

- | | |
|--|---|
| | <ul style="list-style-type: none">• One day Workshop on Searching Scientific and Patent Information on STN at University of Mumbai, Kalina, Mumbai organized by Sci-Edge Information, India and Chemical Abstracts Service (CAS), USA, on 11th January 2002. |
|--|---|