



Name	Dr. Madhusudan Natvarlal Saraf
Educational Qualification	M. Pharm, Ph.D
Work Experience	42 years
Email	m.saraf@hkcp.edu.in madhusudan.saraf@gmail.com
Area of Specialization	Pharmacology
Subjects taught	Pharmacology & Toxicology Major Areas of Research: <ul style="list-style-type: none"> • Immunopharmacology • Pharmacology of Medicinal Plants • Toxicology • Inflammation
Awards, Credentials, Professional affiliations	<ul style="list-style-type: none"> • Recipient of University Grant Commission -Junior Research Fellowship, 1977-79. • Recipient of Research Fellowship from Department of Science and Technology, 1979-1982. • Recipient of National Associateship to Central Drug Research Institute (CSIR) and visiting Associateship to Eisen laboratories, Pune from University Grants Commission, 1984-86. • Nominated as a scholar by University Grant Commission to visit Academy of Sciences, Moscow, Institute of Cytology & Behavioural Neurogenetics, Novosibirsk and Institute of Pulmonology, Leningrad as a part of Indo-Soviet exchange program, May 1987-July 1987. • Recipient of Development Fellowship from Association of Commonwealth Universities London, 1989.

	<ul style="list-style-type: none"> Selected as a fellow of Association of Commonwealth Universities to visit School of Pharmacy, University of London; Department of Pharmacology, The Royal College of Surgeons of England; School of Health Information Science University of Victoria., Canada; Drug and Poison Information Centre, University of British Columbia, Vancouver; Faculty of Pharmacy, University of Manitoba, Winnipeg; Faculty of Pharmacy and Drug Information Centre, University of Toronto; Sunnybrook Medical Centre, University of Toronto; Faculty of Pharmacy, University of Montreal, July 1989-Oct 1989. Recipient of full resident and travelling scholarship at Residential School of Medicinal Chemistry by Drew University U.S.A, 1999. Selected by University Grants Commission for Indo-Russian Exchange programme, 2003. Selected as Visiting Professor by Indian Society for Technical Education (ISTE), New Delhi (2003-04). Recipient of Principal of the year 2004 award conferred by Association of Pharmaceutical Teachers of India. Recipient of Maharashtra Pharmacist Association award in 2006. Selected as a fellow for Indo-Hungarian Education Exchange programme by UGC & Hungarian Scholarship Board to visit Department of Pharmacology and Pharmacotherapy, Faculty of Medicine, Semmelweis University, Budapest, 2011-12. Recipient of fellowship from Indian Pharmaceutical Association in 2012. Received the Amrut Mody Distinguished Researcher Award from Indian Pharmaceutical Association in 2015. Recipient of Best Industry-Institute Linkage in Pharmacy award to Bombay College of Pharmacy three times in succession by AICTE-CII for the years 2013,14 and 15. Pharmacology Teacher of Excellence Award, for outstanding contribution in teaching and research for the pharmacology professionals by The Indian Pharmacological Society.
No. of papers published	86
No. of presentations	70
Publications	<ol style="list-style-type: none"> Saraf, M.N and Bhide, M.B. Pharmacological studies on <i>Sarcostemma brevistigma</i>: Immunomodulating Potentials. Aspects of Allergy and Applied Immunology, Vol 15 pp 59-62 (1982). Saraf, M.N. Studies on anti-asthmatic activity of <i>Sarcostemma brevistigma</i> Indian Journal of Pharmacology. Vol 17. (1987) Saraf, M.N. and Amarnath. Anti-anaphylitic activity of <i>Evolvulus alsenoides</i> Linn Deerghayu International Vol 4 pp 25-27 (1988)

4. Patwardhan, B.K, Saraf M.N, Bhagwan, M.S and David,S.B. Computer aided method for sensitivity testing. Dheerghayu International, 4(2) 20, **(1988)**
5. Saraf, M.N and Patwardhan, B.K. Pharmacological Studies on *Sarcostemma brevistigma* Wight, Part I; Anti allergic activity. Indian Drugs, 26(2), 49, **(1988)**
6. Saraf M.N and Patwardhan, B. K. Pharmacological Studies on *Sarcostemma brevistigma* Wight, Part II: Bronchodialator activity, Indian Drugs, 26(2), 54, **(1988)**
7. Patwardhan, B.K., Saraf M.N. and David, S.B. Toxicity of *Semecarpus anacardium* extract. Ancient Science of Life 2, 106, **(1988.)**
8. Saraf, M. N., Patwardhan B.K. and Ghooi, R. B Studies on the mechanism of action of *Semecarpus anacardium* in Rheumatoid Arthritis. *J. Ethnopharmacol.*, 25, pp.159-64. **(1989).**
9. Baichwal, M.R. Saraf M.N., Sheth, P.H. and Savur, J.D " In vivo permeation from transdermal indomethacin patches" Generic Drugs Bioequivalence and pharmacokinetics (Sharma, K.N.and Sharma,K.K.and Sen, P.Ed), University college of medical science New Delhi, pp 171-180, **(1990)**
10. Khadilkar, B.M., Saraf, M.N. and Pujari, A.A. Synthesis and biological activity of 3-amino-2-hydroxypropoxy,7,7-trimethyl-2-oxobicyclo [2.2.1] heptane and its derivatives Indian. Journal of Chemistry 33, 600-602, **(1994)**
11. Barot, C.R., Nair, A.M., Tamhankar, C.P., Sovani, V.B. and Saraf, M.N. Effect of combinations of glucose and sodium on absorption in isolated rat intestinal loops. Indian Journal of Pharmaceutical Sciences. 57(2), 78, **(1995)**
12. Nair, A.M., Tamhankar C.P. and Saraf, M.N. Studies on the Mast cell stabilizing activity of *Vitex negundo* Linn. Indian Drugs 32(6), 277-282, **(1995)**
13. Nair, A.M. and Saraf, M.N. Inhibition of antigen and compound 48/80 induced contractions by *Vitex negundo* Linn. Indian J. Pharmacol. 27, 230-233, **(1995)**
14. Saraf, M.N. Chronotoxicology of drugs Indian Drugs, 33(4), 135-139, **(1996)**

15. Nair, A. M., Mungantiwar, A.A. and Saraf, M. N. Beta adrenoreceptor desensitization of the isolated rat trachea and its reversal by furosemide. *Pharm. Sci.*, 3, 93-97. **(1997)**.
16. Mungantiwar, A. A., Nair, A. M., Shinde, U.A. and Saraf, M. N. Effect of stress on plasma and adrenal cortisol levels and immune responsiveness in rats: Modulation by alkaloidal fraction of *Boerhaavia diffusa*. *Fitoterapia*, 6, 498-500. **(1997)**.
17. Nair A.M., Mungantiwar A.A. and Saraf M.N. Antiallergic potential of furosemide Indian Journal of Experimental Biology. 35, 466-469, **(1997)**
18. Nair A.M., Mungantiwar A.A. and Saraf M.N. Modulations of *in vitro* anaphylaxis by furosemide Indian Journal of Pharmacology. 29, 182-86, **(1997)**
19. Mungantiwar A.A., Nair A.M. and Saraf M.N. Adaptogenic activity of aqueous extract of the roots of *Boerhaavia diffusa* Linn. Indian Drugs, 34, (4), **(1997)**
20. Shinde, U. A., Phadke, A. S., Nair, A. M., Mungantiwar, A. A., Dikshit, V. J. and Saraf M. N., Studies on the anti- inflammatory and analgesic activity of *Cedrus deodara* (Roxb.) Loud wood oil. *Journal of Ethnopharmacology*. 65, 21-27. **(1999)**.
21. Mungantiwar, A. A., Nair, A. M. and Saraf, M. N. Studies on Immunomodulatory effects of *Boerhaavia diffusa* alkaloidal fraction. *J. Ethnopharmacology*, 65, 125-31. **(1999)**.
22. Shinde, U. A., Phadke, A. S., Nair, A. M., Mungantiwar, A. A., Dikshit, V. J. and Saraf M.N. Membrane stabilizing activity-a possible mechanism of action for the anti-inflammatory activity of *Cedrus deodara* wood oil. *Fitoterapia*, 70, 251-257. **(1999)**.
23. Shinde, U. A., Phadke, A. S., Nair, A. M., Mungantiwar, A. A., Dikshit, V. J. and Saraf, M. N. Preliminary studies on the immunomodulatory activity of *Cedrus deodara* wood oil. *Fitoterapia*, 70, 333-339. **(1999)**
24. Shinde U.A., Phadke A.S., Kulkarni K.R., Nair A.M., Mungantiwar A.A., Dikshit V.J. and Saraf M.N., Mast Cell stabilizing and lipoxygenase inhibiting activity of *Cedrus deodara* (Roxb.) wood oil, Indian J. Exp. Biol., 37, 258-261, **(1999)**

25. Kulkarni K.R. and Saraf M.N Comparative assessment of the effect of counter irritants on skin blood flow by Laser Doppler Flowmetry Indian Drugs, 36 (5), 301-305, **(1999)**
26. Darvesh A.S. and Saraf M.N. Toxicological evaluation of film forming methacrylic acid copolymers. Indian J. Pharm. Sci, May - June 179-181. **(1999)**
27. Darvesh A.S. and Saraf M.N. Toxicological evaluation of methacrylic acid copolymers synthesized by gamma radiation, Indian Drugs, 36(4), 220-224, **(1999)**
28. Gokhale A.B., Dikshit V.J., Damre A.S., Kulkarni K.R. and Saraf M.N. Influence of ethanolic extract of *Tephrosia purpurea* Linn on mast cell and erythrocytes membrane integrity. Indian J. Exp. Bio. 38, 837-840, **(2000)**
29. Gokhale A.B. and Saraf M.N. Studies on antiallergic activity of ethanolic extract of *Tephrosia purpurea* Linn. Indian Drugs, 37(5), 228-232, **(2000)**
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31. Dikshit V.J., Damre A.S., Kulkarni K.R., Gokhale A.B. and Saraf M.N. Preliminary Screening of Immunosin for Immunomodulatory Activity. Indian Journal of Pharmaceutical Sciences 62(4), 257-260, **(2000)**
32. Gokhale A.B. and Saraf M.N. Influence of ethanolic extract of *Tephrosia purpurea* Linn. on the late phase allergic reaction., Indian J. Pharm. Sci, 62(5), 356-359, **(2000)**
33. Gokhale A.B. and Saraf M.N. Broncho protective effect of ethanolic extract of *Tephrosia purpurea in vivo*, Indian Drugs, 37(7), 346-347, **(2000)**
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35. Gokhale A.B. and Saraf M.N. Recent Developments in Asthma Therapy, Indian Drugs 39(3), 121-132, **(2002)**

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43. Saraf M.N. Recent Pharmacological Studies on Some Promising Herbal Drugs for the Treatment of Bronchial Asthma. *Indian J. Nat. Prod.* 19 (1), 37, **(2003)**
44. Kale Rajendrakumar, Tayade Pralhad and Saraf Madhusudan. Comparative Study on Co-Ground Products of Rofecoxib with Beta-Cyclodextrin and Its Sulfobutyl Ether-7 Derivative in Solution and in the Solid State. *Journal of Inclusion Phenomena and Macrocyclic Chemistry* 49: 259-266, **(2004)**
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49. Khan G. J. G. V., Trivedi C., Soni K., Khan I. J., Namjoshi D. R and Saraf M. N., “*Bioanalytical Method Development, Validation and Comparative Bioavailability Studies of Fluoxetine Extended Release Tablets in Healthy Human Volunteers*”, Indian Drugs, 42(9), 580 – 584. **(2005)**
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65. Saraf, M. N., Sanaye, M. M., Mengi, S. A. Antifatigue effect of *Murraya koenigii*. *Pharmacologyonline*, 2, 1025-1037. **(2011).**
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67. Shirole RL, Kshatriya AA, Sutariya B.K. and Saraf M.N. "Mechanistic Evaluation of Butea Monosperma Using In Vitro and In Vivo Murine Models of Bronchial Asthma" International Journal of Research in Ayurveda and Pharmacy, 4(3) pp 322-331 **(2013)**
68. Shirole, R. L. Kshatriya, A. A., Kulkarni, R., Shirole, N. L., Saraf, M. N. (2014). Investigation into the mechanism of action of essential oil of *Pistacia integerrima* for its anti-asthmatic activity, *Journal of Ethnopharmacology*, 153 (3), 541-551. **(2014.)**
69. P Loya, MN Saraf, "Pharmacokinetic and pharmacodynamic of metformin in Indian healthy human male volunteers", Pharmacokinetics & Pharmacodynamics, Vol 2014 pp 1-10 **(2014)**
70. P Loya, MN Saraf, A Simple Non-invasive Methyl Nicotinate Model was Standardized and Its Application to a Randomized, Comparative Controlled Study of Dexibuprofen Tablets in Healthy Human Male Volunteers, World Journal of Pharmaceutical Research, Vol 10 Issue 10, pp1120-1132 **(2014)**
71. V. Shivakumar, A. D. Kandhare, A. R. Rajmane, M. Adil, P. Ghosh, L. B. Badgujar¹, M. N. Saraf¹ and S. L. Bodhankar, Estimation of the long-term cardiovascular events using ukpds risk

engine in metabolic syndrome patients, Indian journal of pharmaceutical sciences 76 (2), 174. **(2014).**

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73. Shirole, R. L., Shirole, N. L., Saraf, M. N. *Embelia ribes* ameliorates lipopolysaccharide-induced acute respiratory distress syndrome. *J Ethnopharmacology.*, Vol 168, 356-363. **(2015)**
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78. Sutariya, B., Taneja, N., Badgujar, L., & Saraf, M. Modulatory effect of betanin on high glucose induced epithelial to mesenchymal transition in renal proximal tubular cells. *Biomedicine & Pharmacotherapy*, 89, 18-28. **(2017).**
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81. Saraf,M.N. AM Desai, A Kshtriya Investigation of selected Herbo mineral formulation T-AYU-H & T-AYU-HM™ Premium as an Anti-sickling agent for sickle cell anemia. International Journal of Pharmaceutical Science and Research Vol 9 5522-5533 **(2018)**
82. AM Desai, M.N.Saraf, C Desai , H Desai, M Dalal Clinical Evaluation of T-AYU-HM in the management of Sickle Cell Anemia, International Journal of Pharmaceutical Science and Research , Vol 9 pp 3573-3578. **(2018)**
83. Saraf,M.N. "Lipid Nanoconstructs for Superior Hepatoprotection :Invitro assessments as predictive tool for in vivo translation , International Journal of Pharmaceutics Vol 625 pp 122039 **(2020)**
84. V Dhawan, G Joshi, B Sutariya, J Shah, M Ashtikar, K Nagarsekar, F Steiniger, A Lokras, A Fahr, M Krishnapriya, U Warawdekar, M Saraf, M Nagarsenker, Polysaccharide conjugates surpass monosaccharide ligands in hepatospecific targeting Synthesis and comparative in silico and in vitro assessment, Carbohydrate Research, Volume 509 pp 1-13 **(2021)**
85. Saraf, M.N. Polysaccharide and monosaccharide guided liver delivery of Sorafenib Tosylate– A nano-strategic approach and comparative assessment of hepatospecificity, International Journal of Pharmaceutics Vol 625 pp 122039 **(2022)**
86. Vohra, Payaam¹, Singh, Ritik², Saraf, M.N.³, Parab Indira ⁴, Rizvi, Meezan⁵. Keratin Based Drug Delivery System – A Boon Approach in Treatment and Management of Inflammatory Bowel Disease (IBD), International Journal of Enhanced Research in Science Technology & Engineering ISSN: 2319-7643, Vol 11 Issue 12, December **(2022)**

**ASSIGNMENTS AND
POSITIONS HELD:**

1. Chairman, Board of studies in Pharmacy, University of Mumbai.
2. Inspector on behalf of Pharmacy Council of India.
3. Member of Expert Committee, All India Council of Technical Education (AICTE), Department of Scientific and Industrial Research (DSIR), Pharmacy Council of India (PCI), and TIFAC (DST).
4. Nominee of the Academic/Management Council of S.N.D.T. Women's University, Mumbai on selection committee for the post of Principal and Professors.
5. Expert member, Selection Committee, Union Public Service Commission (UPSC), New-Delhi.
6. Chairman, Management Committee of SNDT Women's University Employees Cooperative Credit Society Ltd.
7. Member Advisory board, Indian Drugs, Indian Journal of Pharmaceutical Sciences and Indian Journal of Natural Products. 5 5
8. Co-ordinator, ISTE sponsored summer school (Mumbai), AICTE sponsored Faculty Development Programme, WHO sponsored Drug Inspector's Training Programme (Mumbai), AICTE sponsored Industry Institute Partnership Cell Programme.
9. Member (Permanent Invitee), Central Executive Committee, Indian Pharmaceutical Association (IPA).
10. Member of Managing Committee, Pharmaceuticals and Allied Manufacturer's Association (PAMDAL)
11. External Examiner for B. Pharm/ M. Pharm/ Ph.D. examinations, University of Goa, Pune, Mangalore, S.N.D.T., Nagpur, Amravati, Sagar, BITS-Pilani, Andhra University, M.S. University, Gujrat University, Shivaji University, Delhi University, Maharashtra University of Health Sciences, Pondicherry University.
12. Recognized Guide for M. Pharm and Ph.D. (Tech) (Pharmacy), University of Mumbai.
13. Resource Person a) Workshop on Teaching Methodologies in Pharmacology at Ahmedabad, b) ISTE / AICTE sponsored summer/ winter school at Mumbai, Pune, Nagpur, Wardha, Belgaum, Gandhi Nagar, and Vallabhvidyanagar, c) WHO sponsored Drug Inspector Programme at Mumbai, d) WHO sponsored Training Programme for Pharmacist (organized by Pharmacy Council of India) at Gandhi Nagar,

Baroda, Jalgaon, and Mumbai,) AICTE sponsored Quality Improvement Programme/ Faculty Development Programme at Mumbai, Mysore, Belgaum, and Ooty, f) UGC sponsored workshops at Rajkot, and Surat.

14. Chairman/ Co-Chairman a) Indian Pharmaceutical Congress, at Goa (1991), Visakhapatnam (1995), Chennai (1996), Trivandrum (1997), Mumbai (1998), Indore (1999), Hyderabad (2000), Delhi (2001), Pune (2002), Chennai (2003) and Kolkata (2004), b) National Convention of Indian Pharmaceutical Association-Education Division (1999), c) IPGA Nagpur (2000).

15. Member-Scientific Committee, Indian Pharmaceutical Congress at Calcutta, Mumbai, and Chandigarh.

16. UGC nominee on advisory committee for UGC's Special Assistance Programme.

17. Member, Scientific Advisory Committee, National Plasma Fractionation Centre, Mumbai

18. Member, Executive Committee, Association of Pharmaceutical Teachers of India (APTI).

19. Member, Project Review Committee, Dept. of Science & Technology.

20. Evaluator in the oral-scientific presentation session and as a panel Member in the panel discussion on the theme "Indian Pharma Education Assuring Quality and Global Relevance" in the Indian Congress of Pharmacy and Indian Pharmaceutical Association Convention- 2010 (IPA- 2010) held at Chennai (13-14 March 2010). 6 6

21. Member of expert committee for selection of Principal at S.N.D.T. Woman's University on 29th May 2010.

22. Member of expert committee in AICTE Scrutiny for extension of approval on 6th June 2010.

23. Member of expert committee in MPSC selection committee for Sr. Scientific Officer on 15th June 2010.

24. Convener of Hands-on workshop on Innovation in Life Science and Education organized by The Industry Institute Partnership Cell (IIPC) of Bombay College of Pharmacy on 9th September 2011.

25. Convener of one day workshop with the theme, "Dissolution – An Effective Tool for Quality Testing and NDDS Development", on 2nd Dec 2011.

26. Convener of AICTE Sponsored two weeks Staff Development Program on “New Paradigm in Pharmaceutical Education”, 2011.
27. Member of expert committee member, AICTE Model Syllabus committee, for post graduate studies in Pharmacy.
28. Participant: One week (12-18, March 2012) 78th BRNS-IANCAS National workshop on Radiochemistry and Applications of Radioisotopes sponsored by Board of Nuclear Sciences (BRNS), Department of Atomic Energy (DAE) and conducted jointly by Bombay College of Pharmacy and India Nuclear Chemist and Allied Scientist (IANCAS).
29. Resource person of one day workshop on “Radioimmunoassay techniques and its applications” on 5th October 2013 at Bombay College of Pharmacy, Kalina, Mumbai 400098.
30. Appointed as a Member of Data and Safety Monitoring Board in March 2014.
31. Judge for Post Graduate Presentation competition on 17, 18 October 2014 in Avishkar at University of Mumbai.
32. Member and Chairman of the Expert Committee appointed by National Board of Accreditation.
33. Member of Expert Commission by Maharashtra Public Service Commission.
34. Appointed as a Member for Career Advancement Scheme.
35. Chairman of NBA expert committee for evaluation of B.Pharm program at College of Pharmacy, Guwahati in August 2016.
36. Vice-Chancellor’s nominee on CAS committee, Nagpur University in September 2016.
37. Vice-Chancellor’s nominee on the governing bodies of Bhanuben Nanavati College of Pharmacy, Gahlot Institute of Pharmacy and H. K. College of Pharmacy.
38. Member of research recognition committee, Adhoc Board of Pharmacy, University of Mumbai in November 2016.
39. Vice-Chancellor’s nominee on CAS committee, Nagpur University in September 2016. 7 7
40. Vice-Chancellor’s nominee on the governing bodies of Bhanuben Nanavati College of Pharmacy, Gahlot Institute of Pharmacy and H. K. College of Pharmacy.

	<p>41. Member of research recognition committee, Ad hoc Board of Pharmacy, University of Mumbai in November 2016.</p> <p>42. Chairman, Expert committee, National Board of Accreditation.</p>
Academic Projects	<ul style="list-style-type: none"> • Modernization of Pharmacological and Toxicological Evaluation Laboratory for New Dosage forms and New Herbal Medicinal Products (Ministry of Human Resources Development, 1992-1993). • Toxicological Evaluation of New Polymers and Polymeric material for Biomedical Applications (All India Council of Technical Education, 1995-1996). • Studies on immunomodulating activity of <i>B. diffusa</i> (Amrut Mody Research fund, 1996-1999). • Immunomodulatory activity of <i>Lawsonia inermis</i> & <i>Sida cordifolia</i> (Amrut Mody Research fund, 1997-2000). • Analytical method development and bioequivalence studies of some drugs (Amrut Mody Research fund, 1997-2000). • Phytochemical and Pharmacological Investigation of Selected Medicinal Plants (UGC, 1998-2000). • Analytical method development and its application to bioequivalence studies (Amrut Mody Research fund, 2000-2003). • Bioequivalence studies of new drugs (Amrut Mody Research fund, 2000-03) • Modernization of computer aided drug and poison information service centre (AICTE, 2000-01). • Pharmacokinetic Pharmacodynamic modeling in improving anti-microbial therapy (AICTE, 2001-02). • Studies in Bioavailability of newer drug formulations. (Amrut Mody Research fund, 2003-05) • Modernization of Pharmacology laboratory (AICTE, 2004-05). • Pharmacological studies on selected medicinal plants. (Amrut Mody Research Fund, 2004-06) • Modernization of Laboratory for Microcirculation Research (AICTE – MODROBS – 2007-08) • Pharmacological Investigation of Selected Medical Plants in Inflammation and Inflammatory conditions of Asthma, Research promotion Scheme (RPS) 2007-08. • Studies on anti-nephritic activity of selected medicinal plants (University of Mumbai Research, 2009-2010). • Received a grant for organizing a National Seminar on “Formulation Strategies for Ayurveda, Unani & Siddha Medicinal Products: Recent Trends & Advances, From Central Council for Research in Ayurveda & Siddha (CCRAS), Department of AYUSH (2009-10) • Pharmacological evaluation of Medicinal Plants for Anti-asthmatic actions (Amrut Mody Research Fund, 2009-12)

	<ul style="list-style-type: none"> • Investigation of selected herbomineral formulation as an anti-sickling agent for sickle cell anemia. (CCRAS, 2010-2011). • Modernization of laboratory for cell line research (AICTE – MODROBS – 20011-12). • Screening of selected medicinal plants in the treatment of kidney disorders (UGC 2012-15). • Anti-allergic activity of principals from selected medicinal plants on Antigen induced β-hexosaminidase and histamine release (University of Mumbai, 2012-13). • Facility for Development of In-vitro and Cell-Based Pharmacology/ Drug Metabolism Model System (DST-FIST, 2013-18). • Effect of bioactive compound in oxidative stress induced epithelial to mesenchymal transition associated with renal fibrosis (University of Mumbai, 2015-16).
Training programs / workshops/seminars /conferences attended	<ul style="list-style-type: none"> • 28th Indian Pharmaceutical Congress and Commonwealth Pharmaceutical Association Conference held in Mumbai 1976. • 15th Annual Convention of Indian College of Allergy and Applied Immunology held in Izatnagar, 1981. • 33rd Indian Pharmaceutical Congress held in Jaipur, 1981. • International workshop on Biochemical and pharmacological approaches to medicinal plants held in Madurai, 1982. • 34th Indian Pharmaceutical Congress held in Varanasi, 1982. • Asian Congress of Pharmacology held in New Delhi 1985. • 19th Annual Convention of Indian College of Allergy and applied Immunology held in Calcutta, 1985. • First workshop on Teaching Methods in Pharmacology held in Ahmedabad 1986. • 19th Annual conference of Indian Pharmacological society held in Srinagar, 1986. • 38th Indian Pharmaceutical Congress held in Ahmedabad 1986. • Bidecennial Conference of Indian Pharmacological Society held in Bangalore, 1987. • Symposium of Biochemistry and Molecular Pathology of the Lung held at Vallabhbbhai Patel Chest Institute in New Delhi, Mar 1988. • 40th Indian Pharmaceutical Congress held in Calcutta, Dec. 1988. • Workshop on Medlars held in school of Health Information Science, University of Victoria, British Columbia (Canada) 1989. • 42nd Indian Pharmaceutical Congress held in Manipal Dec 1990. • 43rd Indian Pharmaceutical Congress held in Goa, Dec 1991. • 44th Indian Pharmaceutical Congress held in Bangalore, Jan 1993. • International Symposium on “Bioavailability and Bioequivalence” held in Mumbai 1993.

- Emerging frontiers in the areas of hepatoprotective, antiulcer and adaptogenic herbal drugs held in Ootacamund Oct. 1993.
- 46th Indian Pharmaceutical Congress held at Chandigarh, Dec 1994.
- National Symposium on Chronobiology organized by Indian Society of Chronobiology held at Pune Aug.1995.
- 47th Indian Pharmaceutical congress held at Visakapatnam Dec.1995
- Conference of Indian Society of Toxicology Jan 1996
- First National Convention of Indian Pharmaceutical Association Mumbai, March 1996.
- National Symposium on chronobiology held at All India Institute of Medical Sciences, New Delhi, Nov 1996.
- Tridecennial Annual Conference of Indian Pharmacological Society held at Jammu, Nov 1996.
- 48th Indian Pharmaceutical Congress held at Chennai (Madras) Dec. 1996.
- 49th Indian Pharmaceutical Congress held at Trivandrum Dec. 1997.
- National Convention on Pharmaceutical Education held at Belgaum, Sep 1998.
- 17th Annual Conference of Society of Toxicology held at Tirupati, Dec 1998.
- 50th Indian Pharmaceutical Congress held at Mumbai Dec. 1998.
- Patent Awareness Workshop held at Rajkot, Mar 1999.
- International Conference on Pharmacology and Therapeutics in the 21st Century, New Delhi, 1999.
- Second National Convention of Indian Pharmaceutical Association-Education and Students Wing held at Wardha, Oct 1999.
- 51st Indian Pharmaceutical Congress held at Indore Dec. 1999.
- Seminar on Complying with WHO GMP at HBPCL held at Mumbai, Jan 2000.
- 19th Annual Conference of Indian Pharmacy Graduate Association held at Nagpur, Feb 2000.
- Seminar on current Developments in Pharmacy Practice held at Mumbai, Feb 2000.
- Scientific Communication Workshop held at G.S. Medical College, Mumbai, Mar 2000.
- International Symposium on Recent Advances in Molecular Biology, Allergy and Immunology held at Varodara (Baroda), Sep 2000.
- Workshop on 'Quality Assurance in Higher Education' organized by Maharashtra University of Health Sciences, Nov 2000.
- 52nd Indian Pharmaceutical Congress held at Hyderabad, Dec. 2000.
- 53rd Indian Pharmaceutical Congress held at Delhi, Dec. 2001.
- 54th Indian Pharmaceutical Congress held at Pune, Dec. 2002.
- 17th Annual Conference. The Indian Pharmacological Society (Gujrat Chapter), Jan 2003
- 55th Indian Pharmaceutical Congress held at Chennai, Dec. 2003.
- 56th Indian Pharmaceutical Congress held at Kolkata, Dec. 2004.
- International symposium on "Recent Trends in Drug Discovery" at Saurashtra University, Rajkot, on 8-10 Jan 2005
- Seminar on "Drugs of 21st Century: Discovery, Development and Delivery" held on 11-12 Feb 2005 at B.V, Patel PERD Centre, Ahmedabad.

- 57th Indian Pharmaceutical Congress held at Hyderabad, Dec. 2005.
- 58th Indian Pharmaceutical Congress held at Mumbai, Dec. 2006.
- Chairman of S. B. Pandey Oration award in 43rd Annual Conference of Indian Pharmacological Society (IPS) & International Symposium on “Pharmacology & Translational Research” on December 13th – 16th, 2010 at National Institute of Nutrition, ICMR, Hyderabad.
- Pharmacology seminars at “Bridging Gaps in Discovery and Development: Chemical and Biological Sciences for Affordable Health, Wellness and Sustainability” organized by Indian Society of Chemists & Biologists at Saurashtra University, Rajkot, 2011.
- 22nd Annual Conference of Indian Society of Hypertension, “Control High Blood Pressure: Add life to longevity”, 2nd & 3rd November 2012, organized by SPP SPTM, SVKM, NMIMS, Mumbai.
- Chaired scientific session at 45th Annual Conference of Indian Pharmacological society on “Navigating Pharmacology towards safe and effective therapy”, 5th – 7th January 2013, Nagpur.
- Resource person of workshop on “Telemetry the Science of Physiological monitoring in stress free animal” 16th April 2015, organized by Bombay College of Pharmacy and Genetech Marketing & Distribution (P) Ltd.
- Participated in International Congress of International Pharmaceutical Students Federation at Hyderabad on 2nd August 2015.
- Chairman of scientific committee during 20th Annual Convention of APTI held at Indore on 9th November 2015.
- Participated in “Elsevier Connect Seminar” held on 28th October 2015 at Courtyard Marriot, Mumbai.
- Participated in APTI-Maharashtra state branch sponsored one day workshop on “Quality Pharmacy Education: Role of Accreditation” held on 28th March 2016.
- Annual conference of society of Ethanopharmacology held at Bardoli (Gujrat) 2017.
- 50th Annual Conference of Indian Pharmacological Society, Held at NMIMS Universty, Mumbai, 2018
- Annual Convention of Association of Pharmaceutical Teachers of India, held at Jaipur, 2018.
- Delivered a talk in the 9th Annual International Conference of Indian Academy of Biomedical Sciences. Granted 1CPD credit point by Maharashtra Medical Council.
- Delivered an invited talk during panel discussion- “Vaccination & Pharmacist” on 14th May 2021 organized by Faculty of Pharmacy, DIT University, Dehradun
- Participated in the Dr. A. K. Dorle 7th lecture series organized by UDPS Nagpur Alumni Association and Pharmacy Students Association, Department of Pharmaceutical Sciences, Rashtrasant Tukadaoji Maharaj Nagpur University, Nagpur during and Dr. A. K. Dorle memorial trust on 21st March 2022.
- Participated as Chairman in the Scientific session at 72nd Indian Pharmaceutical Congress held at Department of Pharmaceutical Sciences, Rashtrasant Tukadaoji Maharaj Nagpur University, Nagpur during January 20-22,2023.
- Attended 52nd Annual Conference IPSCON-Indian Pharmacology Society 2023 from 22nd - 25th February 2023.

