


Name	DR. VAISHALI MANIKRAO PATIL	
Photograph (passport size)		
Designation	Associate Professor	
Email ID	vaishalimpatil.csop@gmail.com	
Contact Number	-	
Scopus Profile ID	34877478200	
Google Scholar Profile Link	https://scholar.google.co.in/citations?user=BaYGauUAAAAJ&hl=en	
Area of Interest	CADD, Medicinal chemistry of anticancer and antiviral agents	
Academic Qualification	M. Pharm. (Pharmaceutical Chemistry), PhD	
Doctor of Philosophy in Pharmaceutical Sciences	Birla Institute of Technology, Mesra, Ranchi	
Master of Pharmacy in Pharmaceutical Chemistry	Dr. A. P. J. Abdul Kalam Technical University (Formerly Uttar Pradesh Technical University), Lucknow, Uttar Pradesh	
Bachelor of Pharmacy	North Maharashtra University, Jalgaon, MS	
Professional Experience	16 years	
	<ul style="list-style-type: none"> • Charak School of Pharmacy, Chaudhary Charan Singh University Campus, Meerut (Assoc. Prof.) • KIET Group of Institutions, Ghaziabad (Assoc. Prof., Asst. Dean Academic & Head-In-Charge - D. Pharm) • Kharvel Subharti College of Pharmacy, S. V. Subharti University, Meerut (Assoc. Prof. & Head-Pharm. Chem.) • School of Pharmacy, BIT, Meerut (Asst. Prof.) • TIPER, Meerut (Lecturer) • MIET, Meerut (Lecturer) 	
List of Publications	<ul style="list-style-type: none"> • Patil VM, Gupta SP, Masand N, Balasubramanian K. Experimental and computational models to understand protein-ligand, metal-ligand and metal-DNA interactions pertinent to targeted cancer and other therapies. <i>European Journal of Medicinal Chemistry Reports</i> 2024, 10, 100133 (SCOPUS 1.3) • Singh S, Patil VM, Paliwal SK, Masand N. Nanotechnology-based drug delivery of topical antifungal agents. <i>Pharmaceutical Nanotechnology</i> 2023 doi: 10.2174/2211738511666230818125031 (SCOPUS 4.4) • da Silva PR, Nunes Pazos ND, de Andrade JC, Patil VM, et al. An in silico approach to exploring the antinociceptive biological activities of linalool and its metabolites. <i>Mini Reviews in Medicinal Chemistry</i> 2024 doi: 10.2174/0113895575261945231122062659 • Balasubramanian K, Patil VM. QSAR into the new Millennium: Structural, Topological, Quantum, Shape, Electronic and Bio Descriptors for Machine Learning & AI – Honoring Prof. Satya Prakash Gupta. <i>Current Topics in Medicinal Chemistry</i> 2023, DOI: 10.2174/1568026623666230406102636 (IF: 3.402) • Kaushik S, Paliwal SK, Iyer MR, Patil VM. Promising Schiff Bases in Antiviral Drug Design and Discovery. <i>Medicinal Chemistry Research</i> 2023, 32, 1063-1076 (IF: 2.351) • Kaushik S, Masand N, Iyer MR, Patil VM. Preclinical to clinical profile of <i>Curcuma longa</i> as antidiabetic therapeutics. <i>Current Topics in Medicinal Chemistry</i> 2023, 23, 2267-2276 (IF: 3.570) • Sharma A, Patil VM, Dahiya M, Singh GP, Malik A. Role of Molnupiravir in the Treatment of COVID-19. <i>Anti-Infective Agents</i> 2023, Article ID: e190423216042 (SCOPUS) • Singhal S, Sharma A, Malik A, Dahiya M, Singh GP, Patil VM, Kaushik S. Reverse Phase-HPLC Method for In-vitro Release of Anti-COVID Drug: Molnupiravir. <i>Current Pharmaceutical Analysis</i>, 2023, 19(7), 577-585 (IF: 0.6) • Singhal, S., Kumar, A., Katiyar, D., Patil, V.M. Herbal therapeutics as potential prophylaxis for SARS-CoV-2 infection. <i>The Natural Products Journal</i> 2023, 13(4), 93-103 (SCOPUS) • Dhama N, Sucheta, Kumar A, Verma V, Narkhede R, Patil VM. Synthesis, characterization, docking studies and antiepileptic activity of novel piracetam derivatives. <i>Asian Journal of Chemistry</i> 2023, 35(5), 1135-1145. (Scopus) • Patil VM. Role of CSF1R Inhibitor Pexidartinib for the Treatment of Cancer. <i>Russian Journal of Bioorganic Chemistry</i> 2022, 48 (Suppl 1), S1-S8 (IF: 1.254) • Verma S, Masand N, Cheke RS, Patil VM. Protein informatics and vaccine development: Cancer case study. <i>Current Topics in Medicinal Chemistry</i> 2022, 22(26), 2207-2220 (IF: 3.57) 	

- Gautam V, Gaurav A, Masand N, Lee VS, Patil VM. Artificial intelligence and machine-learning approaches in structure and ligand-based discovery of drugs affecting central nervous system. *Molecular Diversity* 2022, 1-27 (IF: 3.364)
- Verma S, Patil VM, Gupta MK. Mutation informatics: SARS-CoV-2 receptor-binding domain of the spike protein. *Drug Discovery Today* 2022, 27 (10), 103312 (IF: 8.369)
- Zaki MEA, Al-Hussain SA, Bukhari SNA, Masand VH, Rathore MM, Thakur SD, Patil VM. Exploring the Prominent and Concealed Inhibitory Features for Cytoplasmic Isoforms of Hsp90 Using QSAR Analysis. *Pharmaceuticals* 2022, 15(3), 303. (IF: 5.863)
- Cheke RS, Patel HM, Patil VM, Ansari IA, et al. Molecular insights into coumarin analogues as antimicrobial agents: Recent developments in drug discovery. *Antibiotics* 2022, 11(5), 566 (IF: 5.222)
- Cheke RS, Patil VM, Firke SD, et al. Therapeutic outcomes of isatin and its derivatives against multiple diseases: Recent developments in drug discovery. *Pharmaceuticals* 2022, 15(3), 272 (IF: 5.863)
- Singhal S, Maheshwari P, Krishnamurthy PT, Patil VM. Drug Repurposing Strategies for Non-Cancer to Cancer Therapeutics. *Anti-Cancer Agents in Medicinal Chemistry* 2022, 11, 457-479 (IF: 2.505)
- Negi P, Das L, Prakash S, Patil VM. Screening of Phytochemicals from Curcuma Longa for their Inhibitory Activity on SARS-CoV-2: An *In-Silico* Study. *Anti-Infective Agents* 2022, 20, e190721194860. (SCOPUS)
- Patil VM, Verma S, Masand N. Prospective mode of action of Ivermectin: SARS CoV-2. *European Journal of Medicinal Chemistry Reports* 2022, 4, 100018. (SCOPUS)
- Patil VM, Masand N, Gupta SP, Blagg BSJ. QSAR studies to predict activity of HSP90 inhibitors. *Current Topics in Medicinal Chemistry* 2021, 21(25), 2272-2291. (IF: 3.295)
- Patil VM, Gaurav A, Garg P, Masand N. Non-cancer to anti-cancer: investigation of human ether-a-go-go-related gene potassium channel inhibitors as potential therapeutics. *Journal of the Egyptian National Cancer Institute* 2021, 33,33. (SCOPUS)
- Patil VM, Verma S, Masand V, Masand N. Chromones: Privileged scaffold in anticancer drug discovery. *Chemical Biology Drug Design* 2021, 98, 943-953. (IF: 3.0)
- Narkhede RR, Cheke R, Shinde SD, Kuchake VG, Mahajan NM, Patil VM. Understanding the dynamics of COVID-19 outbreak: Structure, diagnosis, prevention and treatment. *Anti-Infective Agents* 2021, 19, Article ID e130621190363. (SCOPUS)
- Patil VM, Kumar A, Anand V, Bansal P, Masand N. Safe and effective kinase inhibitors for the treatment of gynecological cancers: *In silico* approach. *Current Drug Metabolism*, 2021, 22 (7), 537-549 (IF: 3.731)
- Negi P, Cheke R, Patil VM. Src Kinase. Recent advances in pharmacological diversification of Src family kinase inhibitors. *Egyptian Journal of Medical & Human Genetics* 2021, 22 (1), 1-16 (SCOPUS)
- Patil VM, Masand N. Natural databases and tools for anti-cancer drug discovery. *Mini Reviews in Medicinal Chemistry* 2021, 21(18), 2764-2777. (IF: 2.903)
- Patil VM, Narkhede RR, Masand N, Cheke RS, Balasubramanian K. Molecular Insights into Resveratrol and Its Analogs as SARS-CoV-2 (COVID-19) Protease Inhibitors. *Coronaviruses* 2021, 2(11), e130921189258 (SCOPUS)
- Ntie-Kang F, Telukunta KK, Patil VM, et al. Computational Applications in Secondary Metabolite Discovery (CAISMD): an online workshop. *Journal of Cheminformatics* 2021, 13, 1-11. (IF: 5.514)
- Gupta SP, Patil VM. Recent studies on design and development of drugs against Alzheimer's disease (AD) based on inhibition of BACE-1 and other AD-causative agents. *Current Topics in Medicinal Chemistry* 2020, 20(13), 1195-1213 (IF: 3.402)
- Maji D, Samanta S, Patil VM. *In silico* ADMET and docking studies of thiazolidinedione-acetic-acid hybrids as antidiabetics with cardioprotection. *Letters in Drug Design and Discovery* 2020, 17, 1475-1484 (IF: 1.169)
- Gupta SP, Sharma A, Patil VM. Molecular Processes Exploited as Drug Targets for Cancer Chemotherapy. *Anti-Cancer Agents in Medicinal Chemistry*. 2020, 21, 1638-1649. (IF: 2.505)
- Negi P, Prakash S, Patil VM. Structure based drug design approach to identify potential SARS-CoV-2 polymerase inhibitors. *Coronaviruses*. 2020, 2(4), 507-515. (SCOPUS)
- Kumar A, Masand N, Patil VM. Understanding Molecular Process and Chemotherapeutics for the Management of Breast Cancer. *Current Chemical Biology*. 2020, 15, 69-84. (SCOPUS)
- Patil VM, Singhal S, Masand N. A systematic review on use of aminoquinolines for the therapeutic management of COVID-19: Efficacy, safety and clinical trials. *Life Sciences* 2020, 254, 117775 (IF: 5.037)
- Patil VM, Anand P, Bhardwaj M, Masand N. Cinnamaldehyde Analogs: Docking Based Optimization, COX-2 Inhibitory in vivo and in vitro Studies. *Current Drug Discovery Technology* 2020, 17, 154-165. (SCOPUS)
- Bhardwaj M, Masand N, Sahoo J, Patil VM. Risk assessment of cosmetic preservatives using QSAR. *International Journal of Quantitative Structure Property Relationship*. 2019, 5, 44-62.
- Bhardwaj M, Patil VM, Dhiman R, Gupta SP, Masand N. Anti-acetylcholinesterase derivatives: a privileged structural framework in drug discovery to treat Alzheimer's disease. *Current Enzyme Inhibition* 2019, 15, 1-14.

(SCOPUS)

- Patil VM, Gupta SP. Structural flexibility in HCV NS5B polymerase and development of anti-HCV drugs. *Current Chemical Biology* 2018, 12(1), 65-87. (SCOPUS)
- Balasubramanian, K., Patil, V.M. Quantum molecular modeling of hepatitis C virus inhibition through non-structural protein 5B polymerase receptor binding of C5-arylidene rhodanines. *Computational Biology and Chemistry* 2018, 73, 147-158. (IF: 3.001)
- Patil VM, Mandal A, Tomar S, Masand N. Phytochemical and pharmacological profile of *Diospyros melanoxylon*. *The Natural Products Journal* 2017, 7(4), 267-275. (SCOPUS)
- Patil VM, Masand N, Gurukumar KR, Chudayeu M, Gupta SP, Samanta S, Kaushik-Basu N. Synthesis, *in vitro* and *in silico* NS5B Polymerase inhibitory activity of benzimidazole derivatives. *Anti-infective Agents in Medicinal Chemistry* 2017, 15, 52-56. (SCOPUS)
- Patil VM, Gupta SP, Masand N. Quantitative structure-activity relationship studies on tyrosine kinase inhibitors. *Current Enzyme Inhibition* 2017, 13, 139-159. (SCOPUS)
- Masand N, Gupta SP, Khosa RL, Patil VM. Heterocyclic secretase inhibitors for the treatment of Alzheimer's disease: An overview. *Current Nervous System Agents in Medicinal Chemistry* 2017, 17(1), 3-25. (SCOPUS)
- Patil VM, Masand N, Gupta SP. GENIUS *in silico* screening technology for HCV drug discovery. *Current Drug Discovery Technology* 2016, 13(4), 189-198. (SCOPUS)
- Patil VM, Das S, Balasubramanian K. Quantum chemical and docking insights into bioavailability enhancement of curcumin by piperine in pepper. *The Journal of Physical Chemistry A* 2016, 120, 3643-3653. (IF: 2.693)
- Patil VM, Gupta SP. Studies on chloride channels and their modulators. *Current Topics in Medicinal Chemistry* 2016, 16, 1862-1876. (IF: 3.402)
- Patil VM, Masand N, Gupta SP. HCV inhibitors: Role of compounds from botanical sources. *Current Topics in Medicinal Chemistry* 2016, 16(12), 1402-1409. (IF: 3.402)
- Patil VM, Gupta SP, Samanta S, Masand N. *k* Nearest Neighbor-Molecular Field Analysis on human HCV NS5B polymerase inhibitors: 2, 5-Disubstituted Imidazo[4,5-*c*]pyridines. *Medicinal Chemistry Research* 2013, 22, 330-339 (IF: 1.402)
- Patil VM, Gupta SP, Samanta S, Masand N. Virtual screening of 1,3-imidazole analogs as potential hepatitis C virus NS5B polymerase inhibitors. *Chemical Papers* 2013, 67, 236-244 (IF: 1.468)
- Patil VM, Gupta SP, Samanta S, Masand N. 3D-QSAR and Docking Studies on a Series of Benzothiadiazine Derivatives as Genotype 1 HCV Polymerase Inhibitors. *Medicinal Chemistry* 2012, 8(6), 1099-1107 (IF: 1.363)
- Patil VM, Gurukumar KR, Chudayeu M, Gupta SP, Samanta S, Masand N, Kaushik-Basu N. Synthesis, *in vitro* and *in silico* NS5B Polymerase inhibitory activity of benzimidazole derivatives. *Medicinal Chemistry* 2012, 8(4), 629-635 (IF: 1.363)
- Yadav RK, Gupta SP, Sharma PK, Patil VM. Recent advances in studies on Hydroxamates as Matrix Metalloproteinase inhibitors: A review. *Current Medicinal Chemistry* 2011, 18, 1704-1722 (IF: 3.853)
- Patil VM, Gupta SP, Samanta S, Masand N. Current Perspective of HCV NS5B Inhibitors: A Review. *Current Medicinal Chemistry* 2011, 18(36), 5564-5597 (IF: 3.853)
- Patil VM, Gupta SP, Samanta S, Masand N. 3D QSAR *k*NN-MFA Study on Thiouracil Derivatives as Hepatitis C Virus Inhibitors. *Medicinal Chemistry Research* 2011, 20: 1616-1621 (IF: 1.402)
- Patil VM, Gupta SP, Samanta S, Masand N. 3D QSAR *k*NN-MFA Study on Thiouracil Derivatives as Hepatitis C Virus Inhibitors. *Medicinal Chemistry Research* 2010, 19:545-5149 (IF: 1.402)
- Gupta SP, Samanta S, Patil V. A 3D-QSAR Study on a Series of Benzimidazole Derivatives Acting as Hepatitis C Virus Inhibitors: Application of *k*NN-Molecular Field Analysis. *Medicinal Chemistry* 2010, 6, 87-90 (IF: 1.363)
- Patil V, Samanta S, Gupta SP. A QSAR study on some series of anti-Hepatitis C (HCV) agents. *Letters in Drug Design and Discovery* 2010, 7, 139-148 (IF: 0.770)

List of Books

- Deciphering new drug targets in Alzheimer's disease Editors: Dileep Kumar, Vaishali M. Patil, Dee Wu, Nanasaheb Thorat. Springer 2023 ISBN 978-981-99-2656-5
- Advances in Pharmaceutical and Health Sciences. Editors: Nagarajan K, Pant AB, Patil VM. PK Publications, Chattisgarh, India 2021 ISBN 978-93-94919-00-6
- Impact of Artificial Intelligence in Healthcare. Editors: Sahoo J, Patil VM, Kumar P, Jangra A, Goel R. Educreation Publishing, Chattisgarh, India. 2020 ISBN No. 978-93-89808-22-3
- Patil, V. M., Gupta, S. P., Masand, N. Hepatitis C Virus: QSAR studies on polymerase inhibitors. LAP LAMBERT Academic Publishing 2019 ISBN: 978-3-330-08402-5
- Pharmaceutical Jurisprudence. SJ Publications, India 2009

List of Book Chapters	
<ol style="list-style-type: none"> 1. Varshini MS, Ravi Kiran AVVV, Garikapati KK, Krishnamurthy, PT, Patil VM, Khaydarov .R. Novel Therapeutic Targets for Treating Alzheimer’s Disease in Deciphering new drug targets in Alzheimer’s disease Edited by Kumar D, Patil VM, Wu D, Thorat N. ISBN 978-981-99-2656-5. Springer (2023) 2. Sukanya, Prajapati BG, Patil VM, Choudhary BS. Dual Specificity Tyrosine Phosphorylation Regulated Kinase1A (DYRK1A) Inhibitors: The Quest for a Disease-Modifying Treatment for Alzheimer’s Disease in Deciphering new drug targets in Alzheimer’s disease Edited by Kumar D, Patil VM, Wu D, Thorat N. ISBN 978-981-99-2656-5. Springer (2023) 3. Patil VM, Masand N, Gautam V, Kaushik S, Wu DH. Multi-Target Directed Ligand Approach in Anti-Alzheimer’s Drug Discovery. in Deciphering new drug targets in Alzheimer’s disease Edited by Kumar D, Patil VM, Wu D, Thorat N. ISBN 978-981-99-2656-5. Springer (2023) 4. Patil VM. Structure-activity relationship studies on anti-cancer bioactive natural products in Studies in Natural Products Chemistry Ed: Atta-ur-Rahman Vol 72, 2022 5. Patil VM, Masand N. Sulfonamides in Clinical Use in Sulfonamides: An Overview. ISBN: 978-1-53618-157-9. NOVA Publications, USA 6. Jain YS, Patil VM. Can Mobile Health Technology Improve Health Related Quality of Life of Chronic Disease Patients in Emerging Economies? “Happy Heart” A Randomized Controlled Trial in India. In Book title: Mobile Health: Advances in Research and Applications. ISBN: 978-1-53619-420-3. NOVA Publications, USA 7. Patil VM, Masand N. Role of kinases in antiviral therapies. in A closer look at kinase inhibition. Edited by: Alex Topmson. Nova Science Publishers, USA. ISBN: 978-1-53616-973-7 8. Patil VM, Balasubramanian K, Masand N. Dengue Virus Polymerase: A Crucial Target for Antiviral Drug Discovery in Viral Polymerases. Editor: Satya P. Gupta. Elsevier (2018) 9. Patil VM, Masand N, Gupta SP. Zika Virus Polymerase: Structure, Function and Inhibitors in Viral Polymerases. Editor: Satya P. Gupta. Elsevier (2018) 10. Patil VM, Masand N. (2018) Anticancer Potential of Flavonoids: Chemistry, Biological Activities and Future Perspectives <i>in</i> Studies in Natural Products Chemistry – Vol. 59. Editor: Atta-ur-Rahman. Elsevier. 11. Patil VM, Gupta SP. (2017) Studies on picornaviral proteases and their inhibitors. Pg no. 263-316 in Viral Proteases and their inhibitors. First Edition,, Ed. Satya Gupta, Elsevier 12. Patil VM, Gupta SP. (2016) Neuraminidase inhibitors: From research tools to drug candidates in Advances in studies on enzyme inhibitors as drugs. Nova science Publishers, Inc., Hauppauge, NY, USA. 13. Patil VM, Gupta SP. (2014) Oncolytic viruses and histone deacetylase inhibitors in Cancer-causing viruses and their inhibitors. Ed. Satya Prakash Gupta, CRC Press, Taylor and Francis Group 14. Patil VM, Masand N, Gupta SP. (2013) Proteases in the management of hepatitis C virus. in Part B: Role of proteases in health and diseases Eds., Sajal Chkraborti and N. S. Dhalla, ISBN 978-1-4614-9232-0 Springer. 15. Thaler F, Patil VM, Gupta SP. (2013) Hydroxamic acids as histone deacetylase inhibitors. Page no. 99-151 in Hydroxamic acids, Ed., S.P. Gupta, 2013, Springer-Verlag Berlin Heidelberg, Basel 16. Patil VM, Gupta SP. (2013) Structure-activity relationship studies of hydroxamic acids as matrix metalloproteinase inhibitors. Page no. 71-98 in Hydroxamic acids, Ed., S.P. Gupta, 2013, Springer-Verlag Berlin Heidelberg, Basel 17. Patil VM, Gupta SP. (2012) Quantitative structure-activity relationship studies on sulfonamide-based MMP inhibitors. Page no. 177-208 in Matrix Metalloproteinase Inhibitors, Ed., S.P. Gupta, Experientia Supplementum, 2012, Vol. 103Springer-Birkhauser Verlag, Basel 18. Gupta SP, Patil VM. (2012) Specificity of Binding with Matrix Metalloproteinases. Pg no. 35-56 in Matrix Metalloproteinase Inhibitors, Ed., S.P. Gupta, Experientia Supplementum, 2012, Vol. 103, Springer-Birkhauser Verlag, Basel 	
Patents	
<ul style="list-style-type: none"> • Polyherbal capsule as a potential detoxification agent. Innovation Patent, Australian Government 2021 • An innovative bioactive dressing for treating wounds. Innovation Patent, Australian Government 2021 • Portable high-speed centrifuge for separating and isolating components. UK Design Patent 2023 	
Research Projects	
<ul style="list-style-type: none"> • Computational studies and Biological evaluation of extract of <i>Diospyros melanoxylon</i> as anti-diarrheal agent. BIRAC DBT, Govt. of India (Role: PI) • Computational designing of GnRH R specific kinase inhibitors as anti-cancer agents. AKTU VRPS (Role: PI) • Gingerols and Shogaols: Investigations on the role of selective phosphodiesterase 4B inhibition in the respiratory anti-inflammatory activity without central side effects. UCSI (Role: Co-PI) 	
Research Guidance	
Ph.D.: 04 (ongoing); 01 (Thesis submitted). M. Pharm: 10; M.Sc. (Biotechnology): 02	

Awards & Recognitions	
<ul style="list-style-type: none"> • Wiley Top Cited Article 2021-2022 in Chemical Biology & Drug Design titled “Chromones: Privileged scaffold in anticancer drug discovery” • Visiting Professor, UCSI University, Kuala Lumpur, Malaysia • Member of PAC and Chair of committee constituted therein, WHO, Geneva • AICTE-Training & Learning Academy (ATAL) grant for organizing of Faculty Development Program (FDP) 2021 as FDP coordinator • AKTU Best Faculty Award 2020 by Dr. A P J Abdul Kalam Technical University, Lucknow • AGS Teachers’ Excellence Awards 2020 • Bentham Brand Ambassador (2019-2020) for Bentham Science Publishers • Seminar Grant from DST-SERB, ICMR, Delhi and AKTU, Lucknow for organizing National Conference on Emerging Trends in Computational Drug Discovery (16-17 August 2018) • Dr. C. V. Raman Award for research contributions at Institute level by KIET Group of Institutions, Ghaziabad (For Year 2018, 2021, 2022) • Best Performer Award for Administrative Responsibilities by KIET Group of Institutions, Ghaziabad (For Year 2021, 2022) • University Topper of Gautam Buddha Technical University, Lucknow for M. Pharm, Batch 2005-2007 	
Conferences/Seminar/FDP Attended	
<p>FDP/Seminars/Workshops attended: 15</p> <p>Seminars/Conferences (Participation with Paper Presentations): 25</p> <p>Copenhagen, Denmark - 20th International Workshop on (Q)SAR in Environmental and Health Sciences 5-9.06.2023</p> <p>Kyoto, Japan – 18th World Congress on Basic Sciences & Clinical Pharmacology 1-7.07.2018</p> <p>Boston, USA - Gordon Research Conference: Natural Products and Bioactive Compounds 31 July to 5 August, 2016)</p> <p>Boston, USA - Gordon Research Conference: Medicinal Chemistry 2-7.08.2015</p> <p>Baltimore, USA - 3rd World Congress on Virology 20-22.11.2013</p>	
Invited Talks	
<ul style="list-style-type: none"> • Faculty Training Programme organized by National Institute of Technical Teachers Training and Research, Bhopal, MP 10.10.2023 • DRDO Sponsored National Conference on “Recent trends in research and innovation: AN application of AI in pharmaceutical sciences and healthcare system for the development of API” organized by Department of Pharmacy, Galgotias University 27-28.10.2023 • International Conference on Drug Discovery, Development and Lead Optimization organized by School of Pharmacy & Emerging Sciences, Baddi University, Himachal Pradesh, India 16-17.12.2022 • National Symposium on Sophisticated Chemistry Techniques: Computational Tools in Chemistry organized by G.S. Tompe Arts, Commerce and Science College, Amravati 20.10.2022 • Workshop on Computer Aided Drug Design and Discovery organized by IIMT University, Meerut 20.04. 2022 • 6th International Conference on Computation for Science and Technology at Chiang Mai University, Thailand 29-31.10.2021 • AICTE Sponsored STTP (Phase III) on Computer Aided Drug Designing: A customized and innovative solution to the greatest challenges in chemistry. Organized by Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College of Pharmacy, Bela, Punjab 10-15.05.2021 • AICTE sponsored STTP on “Future trends in research methodology for drug discovery and development” (Phase III) organized by Columbia Institute of Pharmacy, Raipur, CG, India 7-12.07.2021 • AICTE sponsored FDP on “Exploration of nascent pedagogical tools for updating teachers of pharmacy education” organized by Lloyd Institute of Management & Technology. Greater Noida 15.12.2020 • National Conference on Expanding women’s role in developing technology: Increasing productivity, improving lives sponsored by NCW Govt. of India at Shobit University, Gangoh 14-15.02.2020 • Training session in DDH-2020 on Computational Methods & Tools in ADMET studies (Vertical 2) organized by MHRD Innovation Cell 31.08.2020 • Two Days International Workshop on Human health risk assessment sponsored by Society of Toxicology, USA and organized by Chitkara University, HP, India (17-18 September 2020) • AICTE sponsored FDP on “Exploration of Nascent Pedagogical Tools for updating Teachers of Pharmacy Education” organized by Lloyd Inst. Of Management and Technology, Greater Noida (7-19 December 2020) • Drug Discovery Summit 2020: An international web conference on exploring new horizons in drug research, discovery and development organized by SPES Baddi University, HP, India (9-10 October 2020) • Webinar on “Rules and common errors in scientific writing” at Sagar Inst. of Res. And Tech., Bhopal 	

18.05.2020

- Online Workshop (Title of talk: CADD tools: Hands-on training) SAGE Group of Institutions, Bhopal 26.06.2020
- AICTE Sponsored QIP at Delhi Institute of Pharmaceutical Research, New Delhi on 11.03.2019 (XXVIII QIP: Recent advances in pharmaceutical sciences) (Title of talk: QSAR Modeling: Current Status and Prospectus)
- Five days AKTU sponsored FDP entitled "Computational method applied to drug design/discovery" at RamEesh Institute of Vocational and Technical Education, Greater Noida 31.01.2018 – 04.02.2018

Events Organized (as Convener/Organizing Secretary):

- One Day Seminar Celebrating International Day for Women & Girls in Science at Charak School of Pharmacy, Chaudhary Charan Singh University, Meerut 12.02.2024
- SERB-DST, ICMR and AKTU sponsored National Conference on "Emerging Trends in Computational Drug Discovery" (ETCDD-2018) dated: 16-17.08.2018
- International Symposium on "Informatics, Drug Discovery and Development" at Jamia Hamdard 31.01.2019
- AICTE sponsored ATAL FDP on "Adoption of Virtual Reality Technologies for Drug Discovery: The Centerpiece of Academic & Industry Labs" from 26 - 30.07.2021
- International Conference on "Advances in Pharmaceutical and Health Sciences" organized in collaboration with Indian Institute of Toxicological Research (IITR), Lucknow 7 – 8.10.2021.
- International Symposium for "Women & Girls in Science" in collaboration with HealthPrax 11.02.2022
- FDP on "Teaching Pedagogy for Effective Teaching-Learning Process" 19-23.12.2022
- International Symposium for "Women & Girls in Science" in collaboration with APTI, India & HealthPrax, Germany 11.02.2023
- KIET's International Summer School & Workshop on Computer Aided Drug Discovery & Development Tools 20-24.07.2020
- Entrepreneurship Awareness Camp for UG and PG Students: Organized in collaboration with KIET-TBI. Sponsored by DST 19-21.02.2018.
- One Day Seminar on Generic Medicines at S V Subharati University 2017