



AISSMS

COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH



Approved by AICTE & PCI New Delhi, Recognized by the Government of Maharashtra,
2F, 12B recognition by UGC, Affiliated to Savitribai Phule Pune University

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Name: Mrs. Kalyani D Asgaonkar

Designation: Associate Professor

Qualifications: M. Pharm

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PROFESSIONAL EXPERIENCE:

1. Working as Assistant Professor, Department of Pharmaceutical Chemistry from September 2008 at AISSMS College of Pharmacy, Pune
2. Worked as Lecturer from July 1999 to November 2007 at Mumbai Educational Trust's (M.E.T.) Institute of Pharmacy, Bandra, Mumbai
3. Worked as Lecturer from July 1998 to May 1999 at NSS College of Pharmacy, Mumbai

TOTAL EXPERIENCE IN YEARS:

❖ Teaching: 23yrs.

SUBJECTS TAUGHT: Pharmaceutical Organic Chemistry, Advanced Organic Chemistry, Research Methodology, Drug regulatory affairs.

AREAS OF INTEREST:

QSAR studies, ADMET prediction, Docking studies, synthesis of anti tubercular agents, anti HIV agents, anti cancer agents, antifungal agents.

❖ Approved as PG guide by Savitribai Phule Pune University from 2016

BOOKS AUTHORED: 03

1. Name of Book: Pharmaceutical organic chemistry –I First Year B.Pharm.

Published by Tech Max publications- Pune.2011 ISBN-978-81-8492-754-2

2. Name of Book: Pharmaceutical organic chemistry –I First Year B.Pharm sem I.

Published by Tech Max publications- Pune 2013.ISBN-978-93-5077-359-8

3. Name of Book: Pharmaceutical organic chemistry –I First Year B.Pharm sem II -

Published by Tech Max publications- Pune 2013.ISBN 978-93-5077-505-9

PROFESSIONAL AFFILIATIONS:

❖ Registered Member: Maharashtra State Pharmacy Council

❖ Life Member: Association of Pharmacy Teachers of India

PROJECTS HANDLED/GRANTS RECEIVED:

❖ No. of Inhouse Projects: 15

1. Optimisation of Pharmacophore for activity against Rheumatoid arthritis using QSARINS software. Kalyani. D Asgaonkar, Shital. M Patil, Ms Pradnya Magdum, Ms Vaishnavi Chindhe . June 2023

2. Drug repurposing on different targets using Insilico techniques. . Kalyani. D Asgaonkar, Shital. M Patil, Yash Daga, Manjish Gupta, Ashwini Sagar, Krishna Shevate, Indrani mahadik, Vrushali, Aug 2022

3. Different synthetic approaches and biological activities of a lucrative Pyrimidine –Triazine Hybrid derivatives: A review. Kalyani. D Asgaonkar, Shital. M Patil, Kunal B. Pradhan, Sushruti S. Tanksali, Jidnyasa Jain Aug 2021

4. A survey- Survey-Herbal immunomodulators as a potential source of covid management. Amey Gavaskar, Namrata Rathod, Girija Kulkarni, K.D Asgaonkar, A .N Avalaskar. July 2021

5. A Survey: Possibilities of revamping education system in the stretching COVID-19 pandemic. Mr. Atharva Kulkarni (Final. Year B.pharm), Ms Kshitija Abhang, Bhairavi Bakhle (S.Y B.pharm), K.D Asgaonkar, S.M Patil, May 2020

6. The mental health Manacle: A survey of Corona's impact on mental Health. Mr Ayush Khater, Ms Maitryee Upadyaya (S.Y B.Pharm), K.D Asgaonkar, S.M Patil, May 2020.

7. A Survey Based Approach to Determine the Momentous Role Played by the Community Pharmacy during COVID-19 Pandemic. Mr Ayush Khater, Ms Kshitija Abhang (S.Y B.pharm), K.D Asgaonkar, S.M Patil, June 2020
8. Exploring immunoregulatory activity of some thiazolidinone derivatives using insilico tools. Kalyani D Asgaonkar, Mrs. Sheetal M Patil, Ms Bhairavi Bakhale, Ms Kshitija Abhang, Mr. Ayush Khater (S.Y B.Pharm), 2019.
9. Comparative docking studies of some synthesized compounds on various receptors. Kalyani D Asgaonkar, Mrs. Sheetal M Patil. Vaibhav Ghegade, Saurabh Jadhav (T.Y B.Pharm), Atharva Kulkarni, Sajid Sande (S.Y B.pharm), 2017
10. Comparative docking studies on reverse transcriptase enzyme. Kalyani D Asgaonkar, Mrs. Sheetal M Patil. Aditi Kinikar, Mitali Katkar, Madhura Athavale, Chaitali Kharat (Final year B.pharm), Vaibhavi Bhoirekar (T.Y B.Pharm), 2016
11. Pharmacophore optimization for anti TB activity using 2D QSAR studies- Kalyani D Asgaonkar, Mrs. Sheetal M Patil, Sharvari Kshirsagar (Final year B.pharm), Meghanamokashi (T.Y B.Pharm), Vaibhav Ghegade, Nimishraj Panse (S.YB.Pharm), 2016
12. Comparison of different 3 DQSAR methods for pharmacophore optimization of oxadiazole nucleus for anti TB activity. Kalyani D Asgaonkar, Mrs. Sheetal M Patil, Pratiksha Deodhar, Shruti Lohakare, Surekha Kadam, Sanjana Shah, Chaitali Shah (Second year B.Pharm), 2015
13. Comparison of different 2 DQSAR methods for pharmacophore optimization of thiazolidinone nucleus for anti HIV activity. Kalyani D Asgaonkar, Mrs. Sheetal M Patil. – Vidhi Shah, Ravina Shah, Monica Ramani (Third year B.Pharm), Rushikesh Sonaikar, Krishan Wadekar (S.Y B.Pharm), 2015
14. Development of 2-D QSAR of benzimidazole nucleus for Anti- HIV activity.- Kalyani D Asgaonkar, Mrs. Sheetal M Patil, Urvish M. Khandewal, Vedika S. Bhat, Chandni S. Dhule, Sharvari H. Mauskar (Third year B.Pharm), 2014
15. Development of 2-D QSAR for pyrimidine pharmacophore for anticancer activity.- Kalyani D Asgaonkar, Mrs. Sheetal M Patil, Neeraja Sathe, Abhilash Ghanwat, Radhika Kulkarni, Radhika Dawara (Final year B.Pharm), 2014

❖ No. of Funded Research Projects (University/Industry): 01

❖ Amount of Research Grant Received: Rs1,70,000/-. Development of some antitubercular agents. Minor research project grant by SPPU (2016-2018)

❖ **Industry project/ Outside student Project**

1. Synthesis of Chromium amino acid Nicotinic acid chelates- Indus Biotech Ltd.
2. Docking and ADME studies some Imidazole derivatives for anticancer activity.
3. Docking studies of drug with different polymers.
4. Docking studies of Pyrazine Oxadiazole derivatives for Antitubercular activity.
5. Docking and ADME studies of some penicillin derivatives for antiviral activity.
6. Docking and ADME studies of some penicillin derivatives for antiviral activity

INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- ❖ Working as committee member for • Member of industry Institute partnership cell, MOU and Collaboration committee
- ❖ Working as committee member of B.Pharm, M.Pharm admissions, Staff selection
- ❖ Worked as a member of college committee for SPPU Affiliation, National IPA IPC quiz, Class teacher, Ph.D admission.
- ❖ Working as Incharge for PCI related duties at college level.
- ❖ Worked as core committee member and as R&D and interaction effort committee member for NBA.
- ❖ Worked as core committee member and Governance committee incharge for NAAC
- ❖ Worked as Coordinator for National level Video making competition for students.
- ❖ Worked as Senior supervisor for University of Pune examination
- ❖ Guiding B.Pharm students for Inhouse projects/ SEM 8 projects.
- ❖ Worked as Coordinator for T.Y projects
- ❖ Worked as Coordinator for University of Pune sponsored seminar on “Biological screening techniques and drug discovery”.2010

AWARDS/ACHIEVEMENT/MEDALS:

- ❖ **First prize** in In house research project competition on Optimisation of pharmacophore for activity against rheumatoid arthritis using QSARINS software organized by AISSMSCOP on 30/8/2024. Vaishnavi Chindhe, Pradnya amgdu, Kalyani Asgaonkar, Shital Patil
- ❖ **Third prize** in oral presentation (UG & PG) on QSAR studies: One Step Forward toward Green Chemistry in Drug Discovery for Rheumatoid Arthritis. International Conference on Recent Advances on Green and Sustainable Developments (ICRAGSD-2023)-Akal University, Talwandi Sabo, 6-8th September, 2023.Organized by Green Chemistry Network Center Chapter Akal University, Talwandi Sabo, India. In collaboration with Green Chemistry Network Center, DU Royal Society of Chemistry, London Indian Chemical Society, olkata.Eternal univ ,BaruSahib HP, Synthetic Communications(Published by Taylor and Francis), Thieme publications ,New York, Elseiver , Amsterdam, Netherlands, De Gryuter, Germany. Ms Pradnya Magdum, Ms Vaishnavi Chindhe, Mrs. Kalyani Asgaonkar, Mrs S M Patil
- ❖ **First prize** (UG category) at 4th student research congress organized by BNCP ,co hosted by Univ of Mumbai and Industry partner ACG world and scitech 8th Dec 2023.
- ❖ **Third prize** (UG category) at 4th student research congress organized by BNCP ,co hosted by Univ of Mumbai and Industry partner ACG world and scitech 8th Dec 2023
- ❖ **Second prize** (PG category) at 4th student research congress organized by BNCP ,co hosted by Univ of Mumbai and Industry partner ACG world and scitech 8th Dec 2023
- ❖ **Runner up** at Vishwa Pharma 2022, 8th National level technical paper presentation **organized by** Shri Vishweshwar Shikshan Prasarak Mandal's Shivlingeshwar College Of Pharmacy, SRTUM along with APTI on 1/10/2022. Krishna Shevate, K.D Asgaonkar
- ❖ **Third prize** at National level poster competition organized by Academic Decipher on 10/4/2022. K.D Asgaonkar, S.M Patil, Indrani Mahadik, Purvaj Hirode, Ashwini Sagar, Mrunal Belwate
- ❖ **Special appreciation** in poster competition organized by Dr D Y Patil institute of Pharmaceutical sciences and Research in association with APTI in competition on Covid -19 Pandemic held in May 2020. Ms Bhairavi Bakhale, Ms Kshitija Abhang, Mr. Ayush Khater, Mr Atharva Kulkarni, K. D Asgaonkar, S.M.Patil
- ❖ **Second prize** at 1st Student research congress conducted by Dr Bhanuben Nanavati College of Pharmacy, Mumbai co-hosted by University of Mumbai, held on 28th- 30th Sept 2020. Ms Bhairavi Bakhale, Ms Kshitija Abhang, Mr. Ayush Khater, K. D Asgaonkar, S.M.Patil
- ❖ **Second prize** at 5th **METRXPLORE 2020**(UG research conference) for presentation on Enzyme inhibitors: An unconventional approach in management of HIV using Insilico studies” held on 8th Feb 2020 at MET’s Institute of Pharmacy, Nashik. Ms. BhairaviBakhale, MsKshitijaAbhang, Mr. AyushKhater,K. D Asgaonkar, S.M.Patil

- ❖ **Winners in UG category at SYNAPSE 2018-** Oral presentation Research Competition held on 16/10/2018 at AISSMS COP. Dual Activity by comparative docking studies of pyrazine-thiazolidinone pharmacophore derivatives. K. D Asgaonkar, S.M. Patil, Vaibhav Ghegade, Saurabh Jadhav, Atharva Kulkarni, Sajid Sande.
- ❖ **Appreciation certificate** for presentation on “Comparative docking studies on some synthesized compounds for Anti HIV activity” at 3rd METRXPLORE 2018 (UG research conference) held on 17th Feb 2018 at MET's Institute of Pharmacy, Nashik. Saurabh Jadhav, K. D Asgaonkar, S.M. Patil.
- ❖ **Letter of appreciation** from All India Shri Shivaji Memorial Society for selection of presentation in Avishkar completion (Zonal level) organized by University of Pune in 2011.
- ❖ **Recipient of AICTE Scholarship** during M. Pharm. Course.
- ❖ Cleared GATE examination with 90 percentile

PUBLICATIONS:

- ❖ REVIEWS: 05
- ❖ RESEARCH PUBLICATIONS: 37
- ❖ Hindex – 8
- ❖ i10 Index - 7
- ❖ No of Citations - 314

REVIEW PUBLICATIONS

1. Diverse Synthetic Approaches and Biological Activities of Lucrative Pyrimidine-Triazine Hybrid Derivatives: A Review, **Kalyani Asgaonkar***, Shital Patil, Kunal Pradhan, Sushruti Tanksali, Jidnyasa Jain. Current Organic Synthesis, Bentham DOI: 10.2174/1570179419666220920093734. ISSN (Print): 1570-1794. IF=2.27
2. A comprehensive overview of synthetic methods of Oxadiazole Thiadiazole and Triazole. Shruti Suryawanshi, Sheetal Parse, Pooja, Nagsawjanaya Dongari, Trupti Chitre, **Kalyani**

Asgaonkar. Journal of Emerging Technologies and Innovative Research, 2021,8(5),c680.
UGC Approved Journal. No 63975. ISSN: 2349-5162

3.Molecular Docking in Formulation and Development, TejinderKaur, AshwiniMadgulkar, Mangesh Bhalekar, **KalyaniAsgaonkar**. Current Drug Discovery Technologies. Volume 16, Issue 1, 2019,30-39, ISSN: 1875-6220 (Online), ISSN: 1570-1638 (Print), Bentham Publishers.

4. Trupti Sameer Chitre,*, **Kalyani Dhirendra Asgaonkar**,Shital ManojPatil,MuthuKumaradossKathiravan and Subhash Balkrishna Padhye. Exploring Pyrimidine Pharmacophore as Thymidine Monophosphate Kinase Inhibitors for AntitubercularActivity: A Review, Current Topics in Medicinal Chemistry,Volume16, number 28, November 2016, 3211-3223. Impact =3.4, ISSN: 1873-5294 (Online)ISSN: 1568-0266 (Print), Bentham science publishers

5.Study of some reaction intermediates **Kalyani D. Asgaonkar**, Juilee. Kulkarni. International Journal of Research in Pharmaceutical and Biomedical Sciences ISSN: 2229-3701.Vol. 3 (1) Jan – Mar 2012, 325-351

RESEARCH PUBLICATIONS

1. Design and Evaluation of Aromatase Inhibitors: 2-phenylindole scaffolds with a moiety of either imidazole or 1,2,4-triazole derivatives through 3D QSAR, ADMET, Molecular Modelling and MD Simulation studies. Trupti S. Chitre1*, **Kalyani D. Asgaonkar**1, Snehal Sonwane1, Aditya Sawant1, KalirajanRajagopal2, Krishna Shevate2, Pranjali A. Nandanwar1, Anchal D. Yadav1, Rutuja C. Joshi1,Sonali S. Shelake. YMER, Vol 23, Issue 11, Nov 2024 , 1273-1308. ISSN : 0044-0477. SNIP - 0.251, SJR-0.139, CiteScore-0.4. Scopus
2. In Silico Development of Pyrimidine-Based Antifungal Compounds Using 3D-QSAR, ADMET and Molecular Docking Approaches. **Kalyani D. Asgaonkar***, Parth A.Shah, AkshataP.Naik, Dipti D.Ghate, Gajanan P. Rathod, Shubham S. Kachare,Shital M. Patil, Trupti S.Chitre. YMER, Vol 23, Issue 11, Nov 2024 463-479. | ISSN : 0044-0477. SNIP -0.251, SJR-0.139, CiteScore-0.4. Scopus
3. Rational design of some 1,3,4 trisubstituted pyrazole-thiazole derivatives to serve as MTHA inhibitors using QSAR, ADMET, Molecular Docking, MM-GBSA, and Molecular Dynamics Simulations approach. Neha M. Mhetre , Aniket L. Bhatambrekar , D. Priya ,Venkatesan Saravanan , Muthukumaradoss Kathiravan ,Krishna S. Shevate , Kalirajan Rajagopal , **Kalyani D. Asgaonkar** ,Trupti S. Chitre. doi.org/10.1016/j.chphi.2024.100769. Chemical Physics Impact Available online 3 November 2024, 100769. IF 3.8.Elsevier.SNIP- 0.785 SJR- 0.484, WOS/Scopus. Cite score- 2.6 ISSN: 2667-0224.
4. Rational Drug Discovery for Isoxazole Based VEGFR2 Inhibition. Shital M Patil, Indrani Mahadik, Shashikant V Bhandari, **Kalyani D Asgaonkar**, Vrushali D Randive, Aishwarya M Edake. Current Drug Discovery Technologies Bentham. ISSN (Print)- 1570-1638. WOS/Scopus. Cite score- 3.7. SNIP-0.56, SJR-0.32. 10.2174/0115701638296906240522072628
5. A Combination of Pharmacophore Generation, Ligand-based VirtualScreening, Atom-based 3D-QSAR, and Molecular Docking Studies on Febuxostat-based Amides Analogues as Anti-inflammatory Agents. Trupti S. Chitre1, Aniket L. Bhatambrekar, Purvaj V. Hirode, Shubhangi B. Thorat, Sayli G. Hajare, Dinesh R. Garud, Sakshi M. Jagdale and **Kalyani D. Asgaonkar**. Current Drug Discovery

Technologies. Volume 22, Issue 1, Jan 2025, e110324227883. doi: 10.2174/0115701638281229240226101906. PMID: 38485685.ISSN-1570-1638 Bentham. Cite score 3.7,SNIP- 0.519 SJR- 0.33 WOS, Scopus

6. Green Chemistry and In silico Techniques for Synthesis of Novel Pyranopyrazole and Pyrazolo-pyrano-pyrimidine Derivatives as Promising Antifungal Agents. Author(s): **Kalyani Dhirendra Asgaonkar***, Trupti Sameer Chitre, Shital Manoj Patil, Krishna Sambhajirao Shevate, Ashwini Kishan Sagar, Dipti Dattatray Ghate and Parth Anil Shah. Recent Advances in Anti-Infective Drug Discovery.19(3),2024,216-230.Bentham.ISSN- 2772-4344. DOI: 10.2174/0127724344269458231124123935. Cite score 2.4,SNIP- 0.628 SJR0.28- Scopus

7. ADME, Synthesis and Antimycobacterial Activity of 1,2,4-Triazol-3-thiol Linked Phenylacetamide Derivatives Trupti Chitre^{1,*}, Shivani Jadhav, **Kalyani Asgaonkar**, Kunal Pradhan, Kalash Shelke, Shubhangi Thorat and Aniket Bhatambrekar. Current Indian Science. Bentham. DOI: 10.2174/012210299X239429231026060353, 2023, 1, e2210299X239429. ISSN: 2210-3007

8. Development of 7H-pyrrolo[2,3-d]pyrimidin-4-amine Derivatives Using QSARINS Tool as BTK Inhibitors for the Treatment of Rheumatoid Arthritis. Patil SM , **Asgaonkar KD** , Magdum P , Chinde V , Edake A , Naik A . Anti-inflammatory & Anti-allergy Agents in Medicinal Chemistry. 2023,https://doi.org/10.2174/0118715230272263231103094710 PMID: 38018179. Bentham, Cite score-3, SJR-0.28, SNIP- 0.53

9. Design, In Silico Molecular Docking, and ADMET Prediction of Amide Derivatives of Chalcone Nucleus as EGFR Inhibitors for the Treatment of Cancer. Patil SM , Randive V , Mahadik I , **Asgaonkar K**. Current Drug Discovery Technologies, Nov 2023, https://doi.org/10.2174/0115701638263890231027071518 PMID: 37921215 Cite score 3.7, Bentham. ISSN (Print): 1570-1638. H index 46, SNIP- 0.519, SJR- 0.329

10. In-silico studies of 2-aminothiazole derivatives as anticancer agents by QSAR, molecular docking, MD simulation and MM-GBSA approaches Trupti S. Chitre, Purvaj V. Hirode, Deepak K. Lokwani, Aniket L. Bhatambrekar, Sayli G. Hajare, Shubhangi B. Thorat, D. Priya, Kunal B. Pradhan, **Kalyani D. Asgaonkar** & Shirish P. Jain (2023) , Journal of Biomolecular Structure and Dynamics, DOI: 10.1080/07391102.2023.2262594. IF=4.4, SNIP= 1.220, SJR=0.670.scopus, WOS.ISSN-1538-0254

11. Designing of Trifluoromethyl Substituted Pyrimidine Pharmacophore for Antiproliferative Activity through a Collective Computational Approach Kalyani Asgaonkar*, Sushruti Tanksali, Kshitija Abhang, Krishna Shevate, Shital Patil, Trupti Chitre. Indian Journal of Pharmaceutical Education and Research, Vol 57, Issue 3, Jul-Sep, 2023.827-837.IF =0.8. ISSN ;0019-5464, SJR=0.19, SNIP=0.35, Scopus, UGC. DOI: 10.5530/ijper.57.3.101

12. In silico Exploration of Phytochemical based Thiazolidinone- Caffeic Acid- Indole New Chemical Entities for Simultaneous Management of Diabetes and Hypertension- A Fascinating Study. Asgaonkar KD, Patil SM, Daga Y, Gupta M, Sagar A, Shevate K, Mahadik I, Randive V. Cardiovascular Hematological Disorders Drug Targets. 2023 Apr 14. doi: 10.2174/1871529X23666230414084918. Bentham, cite score 2.6. ISSN (Print): 1871-529X.UGC,Scopus. PMID: 37056063

13. QSAR and molecular docking studies of 5- benzylidene-2-adamantylthiazol[3,2-b][1,2,4] triazol-6(5H)ones derivatives as antimicrobial activity. Indian Journal of Pharmaceutical education and research, 2023, 57(1):194-201. T S Chitre , Sheetal Parse, K.D Asgaonkar, Vijay Khedkar, Shivani Jadhav, Kunal Pradhan. IF= 0.843. UGC approved. doi:10.5530/001954641712.

14. Development of optimized pyrimido-thiazole scaffold derivatives as anticancer and multitargeting Tyrosine Kinase Inhibitors using Computational Studies. Journal of Indian Chemical society Elsevier. Kalyani Asgaonkar*, Sushruti Tanksali, Kshitija abhang, Ashwini Sagar. 100(2023) 100803. IF: 0.23 ISSN: 0019-4522. UGC, WOS, approved.SJR-0.13. https://doi.org/10.1016/j.jics.2022.100803, Corpus ID: 253656187

15. Tailoring the properties of chitosan by grafting with 2 mercaptobenzoic acid to improve mucoadhesion: in silico studies, synthesis and characterization. Tejinder K. Marwaha , Ashwini

- Madgulkar , Mangesh Bhalekar , Kalyani Asgaonkar , Rajesh Gachche , Pallavi Shewale. Progress in Biomaterials. 2022,11: 397–408.IF – 4.8, ISSN: 2194-0517. UGC, WOS approved.Springer. PMID: 36205916
16. In search of HIV entry inhibitors using molecular docking, ADME and toxicity studies of some Thiazolidinone-Pyrazine derivatives against CXCR4 co-receptor. Shital.M.Patil, K.D. Asgaonkar, Bhairavi Bakhle, Kshitija Abhang, Muskan singh, Trupti Chitre. Current HIV Research, 2022, 20(2), 152-162. UGC, WOS, Scopus approved. IF -1.34. SNIP=0.42 ,SJR=0.56. ISSN: 1873-4251 (Online) bentham. PMID: 35156573
 17. Synthesis, Docking and Antitubercular activity Of Triazole-Thiadiazole Hybrid. 1Trupti Chitre* , Shubhangi Kumbhar, Rasika Mulik, Sadeecha Wani, Rutuja Pawar, Sheetal Parse, Pooja Wagh , Sheetal Patil and Kalyani Asgaonkar. JETIR May 2021, Volume 8, Issue 5,e780-e787. ISSN: 2349-5162.
 18. Designing of Thiazolidin-4-one Pharmacophore using QSAR Studies for Anti-HIV Activity. Trupti Sameer Chitre Shital Manoj Patil Anagha Govindrao Sujalegaonkar Kalyani Dharendra Asgaonkar. Indian Journal of Pharmaceutical Education and Research,2021,55, 2, 581.SJR -0.2. ISSN- 0019-5464.Impact factor-0.501.
 19. A survey based approach to determine the momentous role played by the community pharmacy during Covid 19 pandemic. Kalyani D Asgaonkar Shital M Patil Kshitija Abhang Ayush Khater. Journal of Emerging Technologies and Innovative Research,2021,8(5),c338. UGC Approved Journal. No 63975. ISSN: 2349-5162.
 20. Molecular docking, synthesis, and characterization of chitosan-graft-2-mercaptobenzoic acid derivative as potential drug carrier Tejinder Kaur Marwaha, Ashwini Madgulkar, Mangesh Bhalekar ,Kalyani Asgaonkar. Journal of Applied Polymer science, DOI: 10.1002/app.e49551.2020,Pg no 1-13 Print ISSN: 0021-8995 Online ISSN: 1097-4628 Impact Factor: 2.520 wiley
 21. In silico Studies, Synthesis and Antitubercular Activity of Some Novel Quinoline - Azitidinone Derivatives. Trupti. S. Chitre*, Kalyani. D. Asgaonkar, Amrut B. Vikhe, Shital M Patil, Dinesh. R. Garud, Vijay M. Khedkar, Dhiman Sarkar, Laxman U. Nawale, Amar Yeware. Current Computer-Aided Drug Design,2021,17(1),134-143. doi : 10.2174/1573409916666200129095952.Impact =0.935, Bentham Publishers, ISSN (Print): 1573-4099, SJR-0.265, SNIP-0.346. PMID: 31995017
 22. A survey: possibilities of revamping education system in the stretching covid-19 pandemic. Kalyani Dharendra Asgaonkar1 , Shital Manoj Patil1 , Tina Saldhana1 , Atharva Sudhakar Kulkarni2* , Kshitija Ghanasham Abhang2 , Bhairavi Dhananjay Bakhle. Dr. D. Y. Patil Institute of Pharmaceutical Sciences & Research . 2020 pg Pharmaceutical Resonance COVID - 19 Special Ino-30-34 , issue eISSN-2581-6136
 23. Non nucleoside Reverse Transcriptase Inhibitors, Molecular Docking Studies and Antitubercular Activity of Thiazolidin-4-one Derivatives. Trupti S. Chitre*, Shital M. Patil, Anagha G. Sujalegaonkar, Kalyani D. Asgaonkar, Vijay M. Khedkar, Dinesh R. Garud, Prakash C. Jha, Shraddha Y. Gaikwad, Smita S. Kulkarni, Amit Choudhari, Dhiman Sarkar. Current Computer-Aided Drug Design. 2019, 15, 433-444 . DOI: 10.2174/1573409915666181221102903. Impact =1.2, Bentham Publishers, ISSN (Print): 1573-4099, SJR- 0.265, SNIP-0.346. PMID: 30574853
 24. Comparative Docking Studies: A Drug Design Tool for Some Pyrazine- Thiazolidinone Based Derivatives for Anti-HIV Activity. Kalyani Dharendra Asgaonkar*, Shital Manoj Patil*, Trupti Sameer Chitre, Vaibhav Nanabhau Ghegade, Saurabh Radhaji Jadhav, Sajid Shaikat Sande, Atharva Sudhakar Kulkarni. Current Computer-Aided Drug Design, Volume 15, Issue 3, 2019. 252-258. DOI: 10.2174/1573409915666181219125944, Impact =1.2, Bentham Publishers, ISSN (Print): 1573-4099, SJR- 0.269. PMID: 30569873
 25. Comparative Study of Various Non-Nucleoside Reverse Transcriptase Inhibitors on Different Reverse Transcriptase Enzyme Shital Manoj Patil*, Kalyani Dharendra Asgaonkar, Trupti Sameer Chitre, Aditi Kinikar, Chaitali Kharat, Vaibhavi Bhoirekar, Madhura Athavale, Mitali Katkar. Indian Journal of Pharmaceutical Education and Research | Vol 51 | Issue 4S | Oct-Dec (Suppl), 2017, S722- S 728, DOI:

10.5530/ijper.51.4s.104, ISSN : 0019-5464, SJR-0.169, Impact factor-0.425, SNIP-0.398

26. 2D and 3D QSAR of Benzimidazole Analogues as Novel HIV-1 Non Nucleoside Reverse Transcriptase Inhibitors Shital Patil*, Kalyani Asgaonkar, Trupti Chitre, Vedika Bhat, Sayali Ethape, Anagha Sujalegaonkar, Sudeep Bhalekar. Indian Journal of Pharmaceutical Education and Research 2017;51(2s):122-128. SJR-0.169, ISSN-0019-5464, Impact factor-0.425, SNIP-0.398

27. Exploring the potential of xanthene derivatives for antitubercular activity. Chitre TS*, Khedkar VM, Asgaonkar KD, Dube AS, Shurpali K, Sarkar D, Kathiravan M and Jha PC. ISSN: 2399-9098. Glob Drugs Therap, 2017 doi: 10.15761/GDT.1000129. Volume 2(4): 1-5

28. QSAR, Docking studies of 1,3- thiazinan-3- yl-isonicotinamide derivatives for antitubercular activity. Computational biology and chemistry. 2017, 68, 211-218. <http://dx.doi.org/10.1016/j.compbiolchem.2017.03.015>. Trupti S. Chitre, Kalyani D. Asgaonkar, Shital M. Patil, Shiva Kumar, Vijay M. Khedkar, Dinesh R. Garud. Elsevier publication. Impact factor 1.5, SNIP -0.446, SJR-0.449, ISSN: 1476-9271

29. Synthesis and docking studies of pyrazine-thiazolidinone hybrid scaffold targeting dormant tuberculosis T.S. Chitre, K.D. Asgaonkar, P.B. Miniyar, A.B. Dharme, M.A. Arkile, A.Yeware, D. Sarkar, V.M. Khedkar, P.C. Jha. Bioorganic & Medicinal Chemistry Letters Volume 26, Issue 9, 1 May 2016, Pages 2224–2228. ISSN 0960-894X, Impact-2.4, Elsevier Publisher. <http://dx.doi.org/10.1016/j.bmcl.2016.03.055>

30. Synthesis and characterization of a novel mucoadhesives derivative of xyloglucan Ashwini R. Madgulkar*, Mangesh R. Bhalekar, Kalyani D. Asgaonkar, Amrita A. Dikpati. Carbohydrate polymer 135, 1 January, (2016) 356-362. Impact factor 6.089, ISSN: 0144-8617, Elsevier publisher

31. Synthesis, docking and biological evaluation of pyrrole-2-carbohydrazide derivatives Shantkumar M. Biradar, Ganesh D. Mote*, Kalyani D. Asgaonkar and Trupti S. Chitre. Der Pharma Chemica, 2015, 7(2):153-159 ISSN 0975-413X CODEN (USA): PCHHAX

32. QSAR and Molecular docking studies of oxadiazole ligated Pyrrole derivatives as Enol ACP co Reductase Inhibitors. Kalyani D. Asgaonkar*, Ganesh D. Mote, T.S. Chitre. Scientia Pharmaceutica 2014; 82: 71–85 <http://dx.doi.org/10.3797/scipharm.1310-05> ISSN 0036-8709 (Print)

33. 2D and 3D QSAR Studies of 1,4-Dihydropyridine Derivatives as Antitubercular Agents Sonali Deshmane¹*, Kalyani D Asgaonkar¹, Shital Patil¹, Deepak Landge¹, Trupti S Chitre¹. Inventi Impact: Med Chem Vol. 2012, Issue 4 [E- ISSN 0976-7541, P- ISSN 2229-421X] 229-236. pg 229-236

34. 2D and 3D qsar study of 5[aryl/cyclohexylsulfanyl] 2alkoxy-4, diarylnicotinonitriles as antitubercular agents. Deepak K Landge, Trupti S Chitre, Kalyani D Asgaonkar*, Sonali R Deshmane Inventi Impact: Med Chem Vol. 2012, Issue 4 [E- ISSN 0976-7541, P- ISSN 2229-421X] 221-228pg -221-228

35. Design, Synthesis, Docking and Anti-mycobacterial activity of some novel thiouracil derivatives as thymidine monophosphate kinase (TMPKmt) inhibitors. T. S. Chitre*, K. G. Bothara, S. M. Patil, K. D. Asgaonkar, S. Nagappa and M. K. Kathiravan International Journal of Research in Pharmaceutical and Biomedical Sciences. ISSN: 2229-3701, Vol. 2 (2) Apr – Jun 2011, 616-623

36. 2D QSAR studies on 1, 3-disubstituted Uracil derivatives as potential anti-HIV agents. Trupti S. Chitre*, Kalyani D. Asgaonkar, Shital M. Patil, Hemant P. Mhaske, Rohan Bamane, M. K. Kathiravan. Journal of Pharmacy Research, June 2011, 4(6), 1836-1838, Research Article ISSN: 0974-6943

37. Synthesis and Antitubercular activity of some substituted pyrimidine derivatives. Trupti S. Chitre¹*, Muthu K. Kathiravan², Aparna S. Chothe¹, Vijay K. Rakholiya¹, Rohan V. Bamane¹, Kalyani D. Asgaonkar¹, Sheetal M. Patil¹, Kailash G. Bothara³. Journal of Pharmacy Research, June, 2011, 4(6), 1882-1883, Research Article ISSN: 0974-6943.

PRESENTATIONS:

As an Author:06

As an Co-author: 29

❖ **As an Author:**

1. Oral presentation entitled Development of some antitubercular agents. K. D. Asgaonkar. **Innovation 2017**, held at Smt. Kashibai Navale college of Pharmacy, Kondhawa, Pune on 18/11/2017
2. Poster presentation entitled Development of Quinoline scaffold through molecular modelling for antitubercular activity. K.D. Asgaonkar*, T. S. Chitre 3rd International conference **HSDS2016** held at Azam campus, Pune from 7th -9th January 2016..
3. Poster presentation entitled Exploring Benzyldinepyrrole-2- Carbohydrazide Derivatives for Antitubercular Activity. K. D. Asgaonkar*, T.S. Chitre and G.D. Mote at **Annual National Convention of Association of Pharmaceutical Teachers of India from**, Pune 28th- 30th Nov. 2014.
4. Poster presentation entitled Design, synthesis, biological activity of some tetrahydroquinolinecarbohydrazide derivatives as antidiabetic agents- K.D. Asgaonkar in **Avishkar competition** (University level) on 23rd December 2011.
5. Poster presentation entitled Design, synthesis, biological activity of some tetrahydroquinolinecarbohydrazide derivatives as antidiabetic agents- K.D. Asgaonkar in **Avishkar competition** (Zonal level) on 14th December 2011.
6. Poster presentation at 49th **Indian Pharmaceutical Congress**, Kerala-1997.

❖ **As a co-author:**

1. Poster Presentation-"Combination of green synthesis and in silico methods for the sustainable antifungal drug discovery". **International Conference on Recent Advances on Green and Sustainable Developments** (ICRAGSD-2023)-Akal University, Talwandi Sabo, 6-8th September, 2023. Organized by Green Chemistry Network Center Chapter Akal University, Talwandi Sabo, India. In collaboration with Green Chemistry Network Center, DU Royal Society of Chemistry, London Indian Chemical Society, Kolkata. Eternal univ, Baru Sahib HP, Synthetic Communications (Published by Taylor and Francis), Thieme publications, New York, Elsevier, Amsterdam, Netherlands, De Gruyter, Germany. Ms. Dipti Ghate¹, Mr. Krishna Shevate, Ms. Ashwini Sagar, Mrs. Kalyani Asgaonkar

2. Oral presentation on QSAR studies: One Step Forward toward Green Chemistry in Drug Discovery for Rheumatoid Arthritis. **International Conference on Recent Advances on Green and Sustainable Developments** (ICRAGSD-2023)-Akal University, Talwandi Sabo, 6-8th September, 2023.Organized by Green Chemistry Network Center Chapter Akal University, Talwandi Sabo, India. In collaboration with Green Chemistry Network Center, DU Royal Society of Chemistry, London Indian Chemical Society, Kolkata.Eternal univ ,BaruSahib HP, Synthetic Communications(Published by Taylor and Francis), Thieme publications ,New York, Elsevier , Amsterdam, Netherlands, De Gruyter, Germany. Ms Pradnya Magdum, Ms Vaishnavi Chindhe, Mrs. Kalyani Asgaonkar, Mrs S M Patil
3. Oral presentation in **International conference-Pharmaceutical Research and innovation to tackle future health care arena**. Kunal Pradhan, Kalyani Asgaonkar, Shital Patil. "Synthetic strategies for the novel hybrid of Pyrimidine-triazine nucleus".Dr M S Gosavi college of Pharmaceutical education and Research, Nashik held on 27-29th Sept 2021
4. Oral presentation in **International conference-Pharmaceutical Research and innovation to tackle future health care arena**. Shushruti Tanksali, Jidnaysa Jain, Kalyani Asgaonkar. "Diverse biological activities shown by Molecular hybrids of Pyrimidine and Triazine".Dr M S Gosavi college of Pharmaceutical education and Research, Nashik held on 27-29th Sept 2021
5. **Pharmazest**: An intercollegiate virtual Oral Presentation. Amey Gavaskar, Namrata Rathod, Girija Kulkarni, K.D Asgaonkar, A .N Avalaskar. Dr. L. H. Hiranandani College of Pharmacy, Ulhasnagar, held on 26th June 2021
6. How community pharmacist are helping to manage and prevent the spread of COVID-19 Ayush Khater, Kshitija abhang, K.D Asgaonkar, S.M Patil. Roles of pharmacist on in fighting against COVID 19 pandemic Held on 10th June 2020.**Hamdard educational and charitable trust, Hubli**
7. Second prize for oral and poster presentation on Enzyme inhibitors: An unconventional approach in management of HIV using Insilico studies" held on 8th Feb 2020 at **5th METRXPLORE 2020**(UG research conference) organized by MET's Institute of Pharmacy, Nashik.Ms. Bhairavi Bakhale, Ms Kshitija Abhang, Mr. Ayush Khater, K. D Asgaonkar, S.M. Patil
8. Poster Presentation at **Avishkar (University level)** 2019, held on 21/01/2020 at SPPU. Molecular docking tool:- Development of entry inhibitors as Anti -HIV agents using Insilico tool. Ayush Khater, Kshitija Abhang, K. D. Asgaonkar, S. M Patil

9. Poster Presentation at **Avishkar 2019 (University level)** held on 21/01/2020 at SPPU.
Molecular docking tool:-Comparative study of some Pyrazine-Thiazolidinone Derivatives as Entry Inhibitors in treatment of HIV. BhairaviBakhle, K. D. Asgaonkar, S. M Patil
10. Poster Presentation at **Avishkar 2019 (Regional level)**, held on 12/01/2020 at SPPU.
Molecular docking tool:- Development of entry inhibitors as Anti –HIV agents using Insilico tool. AyushKhater, KshitijaAbhang, K. D. Asgaonkar, S. M Patil
11. Poster Presentation at **Avishkar 2019 (Regional level)** held on 12/01/2020 at SPPU.
Molecular docking tool:-Comparative study of some Pyrazine-Thiazolidinone Derivatives as Entry Inhibitors in treatment of HIV.BhairaviBakhle, K. D. Asgaonkar, S. M Patil
12. Winners in UG category in Oral presentation entitled Dual Activity by comparative docking studies of pyrazine-thiazolidinone pharmacophore derivatives. K. D Asgaonkar, S.M.Patil, Vaibhav Ghegade, A SaurabhJadhav, AtharvaKulkarni, Sajid Sande in Research presentation Competition **SYNAPSE 2018 held atAISSMS COP** on 16/10/2018.
13. Appreciation prize in poster and oral presentation entitled Comparative docking studies on some synthesized compounds for Anti HIV activity at MET's Institute of Pharmacy, Nashik. SaurabhJadhav, K. D Asgaonkar, S.M Patil in**3rd METRXPOLRE 2018**(UG research conference)held on 17th Feb 2018
14. Poster presentation entitled Use of QSAR for Optimization of Thiazolidinone Pharmacophorefor Anti -HIV activity. Monica Ramani, Ravina Shah, RushikeshSonaikar, K. D. Asgaonkar, S. M Patil in **Synapse 2016**atAISSMSCOP on 14/10/2016.
15. Poster presentation entitled A Comparative Study Of Different QSAR Models for Pharmacophore Optimisation Of 1,3,4 Oxadiazole For Anti Tubercular Activity SharvariKshirsagar, Meghana MokashiVaibhavGhegade, Nimishraj Panse, K. D. Asgaonkar in**Synapse 2016**atAISSMSCOPon 14/10/2016.
16. Poster presentation entitledDevelopment and Comparative Study Of Different 2D-Qsar Models for PharmacophoreOptimization Of 1,3,4 Oxadiazolefor anti Tubercular Activity S.M. Kshirsagar*, M.Mokashi, K.D Asgaonkar in **Avishkar**(Zonal level)held at Sinhgad Institute of Pharmacy, Narheon 15/10/2016.
17. Poster presentation entitled Demonstration of effect of thiol residues on mucoadhesion of xyloglucanthiomer through docking. Dr. M R Bhalekar,* Dr. A R Madgulkar, K.D

Asgaonkar, Ashwini S Kadam at 3rd International conference **HSDS -2016**, held at Azam campus, Pune from 7th -9th January 2016.

18. Poster presentation entitled Improvement of oral bioavailability of acyclovir using thiomeric nanoparticles of xyloglucan. Dr. M R Bhalekar, Dr. A R Madgulkar*, K.D Asgaonkar, Mariam Gyce at 3rd International conference **HSDS -2016** held at Azam campus, Pune from 7th -9th January 2016.
19. Poster presentation entitled (second rank) Exploration of different active constituents from natural products on different targets macromolecules for anticancer activity. Dr. S V Bhandari, Mrs. K D Asgaonkar Mr. Agha mohammad Zamin at international conference on **Advances in Asian medicine symposium on ethnopharmacology** - validation of traditional medicine , Organized by Bhartividyapeeth deemed university - Poona college of Pharmacy on 4th January 2016.
20. Poster presentation entitled Exploration of different active constituents from natural products on different targets macromolecules for antitubercular activity using molecular docking studies. Mr. Baliramsarvade, Dr. S V Bhandari, Mrs. K D Asgaonkar at international conference on **Advances in Asian medicine symposium on ethnopharmacology - validation of traditional medicine** , Organized by Bhartividyapeeth deemed university - Poona college of Pharmacy on 4th January 2016.
21. Poster presentation entitled Development of QSAR Model for Pharmacophore Optimisation of Thiazolidinone Nucleus for Anti HIV Activity. Vidhi Shah*, Krishna Wadekar, Kalyani D. Asgaonkar, Shital M. Patil. At **METRXplore** at MET college of pharmacy, Nashik on 13th January 2016.
22. Poster presentation entitled Molecular hybridization approach against dormant mycobacterium tuberculosis. Sachin*, K.D Asgaonkar, T. S Chitre at **67th Indian Pharmaceutical Congress** from 19th -21st December 2015.
23. Poster presentation entitled Development of Benzimidazole nucleus for anti HIV activity using QSAR studies. Vedika Bhat, Sayali Ethape, Shital Patil, Kalyani Asgaonkar, Trupti Chitre in **Avishkar competition** on 17th October 2014,
24. Poster presentation entitled Development of Some Benzylidene pyrrole-2- Carbohydrazide Derivatives for Antitubercular Activity. Kalyani D Asgaonkar*, Trupti S Chitre, Ganesh Mote

in 2nd International Conference on Herbal and Synthetic Drug Studies, Novel herbal and synthetic drugs(**HSDS-2014**) at ISTR, Pune on 11th February 2014

25. Poster presentation entitled Development of metallocenes: A modified approach towards resistance to tuberculosis. Kalyani D Asgaonkar, Trupti S Chitre*, Asha Dharmat 2nd International Conference on Herbal and Synthetic Drug Studies, (**HSDS-2014**) at ISTR, Pune on 11th February 2014
26. Poster presentation entitled Design and Development of Potential Anticancer Agents Using Pharmacophore Optimization by Molecular Modeling Studies. Mitalee Patil, Shashikant Bhandari*, Kumar Satyam, Kalyani Asgaonkar in National seminar on **frontiers in cancer chemotherapy**, sponsored by AICTE at Seth Raghunath Sable College of Pharmacy, Saswad, Pune on 26th and 27th July 2013.
27. Poster presentation entitled QSAR Study of oxadiazole ligated Pyrrole derivatives as antitubercular agents Ganesh D. Mote, Dr. Trupti S. Chitre, Mrs. Kalyani D. Asgaonkar at **V life poster presentation** competition at Pune on 1st June 2013.
28. Poster presentation entitled QSAR study of 5-[aryl/cyclohexylsulfanyl]-2-alkoxy-4, 6-diaryl nicotinonitrile compounds. Deepak K. Landge, Mrs. Trupti S. Chitre, Mrs. Kalyani D. Asgaonkar at **V life poster presentation** competition at Pune on 9th June 2012.
29. Poster presentation entitled "Design of new antitubercular agents using molecular modelling studies. Miss Sonali Deshmane, Mrs. T.S. Chitre, Mrs. Kalyani Asgaonkar at **V life poster presentation** competition at Pune on 9th June 2012.
30. Poster presentation entitled Structure optimization of selective cyclooxygenase -2 inhibitors as potential Anti inflammatory agents using molecular modeling studies (first prize). Shashikant Vasant Rao Bhandari, Chintamani Sopan Rao Jadhav, Asha Popat Hole, Kalyani Asgaonkar, Deepali, Dattatray Bhandari at **Young researcher's conference**, Institute of chemical technology on 13-14th January 2011.
31. Poster presentation entitled Structure optimization of neuraminidase inhibitors as potential anti-influenza agents using QSAR and molecular docking studies. Shashikant Bhandari, Poonam Inamdar, Asha Hole, Chintamani Jadhav, Kalyani Asgaonkar, Deepali Bhandari. **Young researcher's conference**, Institute of chemical technology 13-14th January 2011.

WORKSHOPS / SEMINARS/REFRESHER COURSE ATTENDED:

1. Attended One-week **ISTE Short Term Training Programme (STTPs)** on "Bridging Academia by Advancing Research and Teaching with AI and Machine Learning organized by Dept. Of E & TC Engg., Dr. D. Y. Institute of Technology, Pimpri, Pune in association with ISTE New Delhi. 1stJuly –5th July 2024
2. Completed **Swayam Faculty development Programme** certification course "Moodle LMS' IITB spoken tutorial from 15/6/2024-21/6/2024
3. Completed **Swayam Faculty development Programme** certification course "JMol application' IITB spoken tutorial from 26/6/2023-11/7/2023
4. Attended FDP on **Computer aided drug design** organized by Centre for Advanced Computational Chemistry Studies, New Delhi, 23/1/2023- 29/1/2023
5. Participated in National level workshop on **Small Molecule Drug Discovery and Molecular Modeling and Ligand Based Drug Discovery**. 18-19th July 2023. Organized by AISSMS College of Pharmacy, Pune in collaboration with Schrodinger Inc. USA
6. Workshop on **NEP-2020 Implementation Plan under the component Technology use and Integration**. UGC-Human Resource Development Centre, SPPU. 08-02-2023
7. Implementation of **National education policy 2020- Research and Development cell**. State level QIP Organized by AISSMSCOP, sponsored by SPPU 6/2/2023-7/2/2023.
8. Attended **Workshop on National Education Policy-2020: Changing Role of Teachers** organized by UGC-Human Resource Development Centre, Savitribai Phule Pune University on 6/9/2022.
9. **Quality Sustenance and Quality Improvement: Issues and Challenges**. AISSMS COP with NAAC. 20-09-2022
10. **Assessment strategy for OBE:mapping and attainment**. AISSMS COP with APTI. 12-09-2022.
11. Completed AICTE Training And Learning (ATAL) Academy Online FDP on "**Innovation management**" from 12/07/2021 to 16/07/2021 organised by Department of Management Studies, Indian Institute of Information Technology Allahabad, Prayagraj
12. Attended FDP on **Thesis and research paper writing** ,organized by NITTTR Kolkatta from 21/02/2022- 25/02/2022
13. Attended 5 day FDP on **New edge educational standards for Teachers** organized by METIOP, Nashik and APTI from 14/02/2022- 18/02/2022
14. Attended International FDP on **Research & Regulatory Requirements: An Industry Perspective** on 16/11/2021 organised by AISSMSCOP
15. Attended three day National level workshop on **NBA accreditation and Quality management** from 21/9/2021- 23/9/2021 organized by Srinaths College of Pharmacy and BATU.
16. **SWAYAM Faculty development Programme** certification course "Cognition and transformation", Score 78%, Elite, July –Aug 2021, 4 weeks.
17. Attended workshop on research metrics conducted by centre of Publication ethics of SPPU

on 4th May 2021

18. **SWAYAM Faculty development Programme** certification course “Body language”, Score 90%, Elite + Gold Medal, July –Aug 2020, 4 weeks.
19. Completed **AICTE Training And Learning (ATAL)** Academy Online FDP on "Emotional Intelligence" from 2020-10-19 to 2020-10-23 at Marathwada Mitra Mandal's College of Pharmacy
20. **SWAYAM Faculty development Programme** certification course “Stress management”, Score 90%, Elite + Gold Medal, July –Aug 2019, 4 weeks.
21. Attended **Syllabus Orientation Workshop** jointly organized by, DYPIPSR and SPPU, Pune, 22nd June 2020
22. Attended International e-FDP- **Current Scenario Pharmacy practices and technology** organized by AISSMSCOP, 17th June-21st June 2020.
23. Completed **STTP-E-Learning Tools, Methodologies and Content Management**. Department of Computer Science & Engineering College of Engineering & Technology, Babulgaon (Jh.) Akola in Association with Computer Society of India (CSI), Amravati Chapter, Amravati. Approved by AICTE-IST
24. Completed e-FDP. **Effective Use of ICT Tools in Teaching-Learning"** MOOC course Modern College of Pharmacy and APTI, 8th June- 7th July 2020
25. Completed e-FDP- **Pedagogy and challenges in Pharmaceutical Research**. Maharaja College of Pharmacy, Vizianagaram, 1st -12th June 2020
26. Completed e-FDP-**Comprehensive Quality Initiatives for higher education in pandemic era**. Uka Tarsadia University, Gujarat, 26th - 30th May 2020
27. Attended Webinar-**Understanding Practice School & its concept in UG Pharmacy Education** PCI, JSS Academy of higher education and Research, 23rd May 2020.
28. Completed e-FDP- **Building research and innovation culture among pharmacy teachers**, Dr DY Patil Institute of Pharm. Sciences and research and APTI, 18th -22nd May 2020
29. Completed e-FDP- **Teachers and ethics: Balance in research, teaching, socio professional values and attitude**. Dr. M.S Gosavi college of pharmaceutical education and research, Nashik, 20th-25th May 2020.
30. Completed e-FDP on **Moodle learning management system** by Dept of E&TC, Smt. Kashibai Navale college of engineering, Kondhwa in association with IIT Bombay, 13-17th May
31. Attended webinar on **Research grants and Funding-A guide to acquiring Vitamin M** organized by

APTI webinar series-VandanaPatrawale on 9th May 2020.

32. Attended National Level Teacher Training Program on **A contemporary approach towards teaching and learning medicinal chemistry**, organized by MHRD sponsored by teaching learning centre SPPU and Bharatiya Jain Sanghatana's Arts, Science and Commerce College, Wagholi, Pune, 19th -21st Dec 2019
33. Completed Five day Faculty development programme on **National Board of Accreditation** , organized by AISSMS IOIT and conducted by NITTTR ,Kolkata from 22/4/2019- 26/4/2019
34. Attended two day sponsored by Savitribai Phule Pune University state level seminar on **Insights of Accreditation process for affiliated colleges** at AISSMSCOP on 6th and 7th Feb 2018
35. Attended Savitribai Phule Pune University sponsored one day state level seminar on **"Insights on Different Funding Agencies and Research Proposal Writing"** held at AISSMS College of Pharmacy, Pune on 31st January 2016.
36. Attended one day **Faculty development programme**, 6/12/2016 at AISSMSCOP.
37. Attended one day seminar on **Strategies for women empowerment** at Allana college of pharmacy, Pune, Organized by APTICON women's forum on 8th March 2016.
38. Attended Savitribai Phule Pune University sponsored one day State level seminar on **Role of Medicinal chemist and Phytochemist in drug discovery** at AISSMS College of Pharmacy, Pune on 12th February 2016.
39. Attended two day **Comprehensive product training**, by V- life MDS at AISSMSCOP, Pune, on 6th and 7th July 2015.
40. Attended Savitribai Phule Pune University sponsored two day state level seminar **Qbd in formulation development** at AISSMS College of Pharmacy, Pune on 21st & 22nd January 2015.
41. Attended two day AICTE sponsored National level Seminar on **Advanced drug design and development: A medicinal chemistry approach** at Dr. D.Y Patil Institute of Pharmaceutical sciences and research, Pimpri, Pune from 27th -28th September 2013.
42. Attended Savitribai Phule Pune University sponsored two day International seminar on **MDR/XDR tuberculosis: A health care menace to developing countries** at Sinhgad COP, Vadgaon ,Pune on 22nd- 24th March 2013.
43. Participated in Savitribai Phule Pune University sponsored one day **Workshop on syllabus framing/revision in pharm.chemistry for B.Pharm,M.pharm** at Padmashree Dr. D.Y Patil

Institute of Pharmacy, Pimpri, Pune on 25th February 2013.

44. Attended a three day seminar on **structural elucidation of organic compounds** at Singhgad college of pharmacy, Vadgaon from 18th - 20th Jan 2011.

45. Attended One day workshop on **effective Implementation of curriculum** at Smt. Kashibai Navale college of Pharmacy, Pune on 10th October 2009.

46. Attended Faculty Development Program on '**New Drug Discovery**' at AISSMS from 17th Nov to 29th Nov 2008.

47. Attended a work shop on **molecular Modeling and structure based drug design** on 23rd March 2007, Bombay College of pharmacy Kalina.

48. Attended a Training program in **latest technique on HPTLC** on 15th May 2004 at Anchrome (I) Ltd, Mumbai.

49. Attended a National seminar on "**Trends in Pharmaceutical sciences and pharmacy practice**" at Saraswati Vidya Bhavans College of pharmacy, Dombivali from 23-27th September, 2003.

50. Attended one month **industrial training** in June 1995 at John Wyeth (I) Ltd, Mumbai.