

Professional Summary:

Teaching experience at premium institutes:

1. All India Shri Shivaji Memorial society's college of Pharmacy, Pune. 2008-till date
2. Mumbai Educational Trust's (M.E.T.) Institute of Pharmacy, Bandra, Mumbai.1999-2007
3. NSS College of Pharmacy, Tardeo, Mumbai.1998-99

Roles and Responsibilities:

- Lecturer
- Examiner appointed for theory and practicals by Mumbai University, Pune University.
- Senior supervisor for University of pune examination April 2014,November 2015 at Allan COP
- Controller of winter exams for diploma Pharmacy.
- Guided B.Pharm students for seminars as part of their curriculum.
- Co-Guided M.Pharm students in their research activities.
- Coordinator for T.Y projects
- Co-Coordinator for National Board of Accreditation (NBA) in college.
- NBA- R&D and interaction effort committee member.
- NAAC coordinator
- NAAC – Governance committee incharge
- Organized field trip in environmental studies.
- Ph.D examination, Local Inquiry Committee, Staff selection, Affiliation committee member in college.
- Departmental Library Incharge, Member of Library advisory committee
- Member of screening committee for Gender champion
- Coordinator for vidyarthini vyaktimahatav Yojana.
- Class teacher

Personal details:

DOB: 21st Mar 1975
Marital Status: Married
Address: G-21 Clarion Park CHS,
D.P. Road, Aundh,
Pune – 411 007

Email: kalyani_a@aissmscop.com

Designation: Associate professor

Educational Qualification:

Course/Degree	College & University/ Board	Year of Passing	Percentage
M.Pharm. (Specialization– Medicinal Chemistry)	Prin. K.M. Kundnani College Of Pharmacy (Mumbai Univ.)	1998	Distinction with A Grade 71%
B.Pharm.	Prin. K.M. Kundnani College Of Pharmacy (Mumbai Univ.)	1996	68.9% (First Class)
HSC	Atomic Energy Junior College (Maharashtra state board)	1992	82.5% (Distinction)
SSC	Atomic Energy Secondary School(CBSE)	1990	76.2% (Distinction)

Trainings and Seminars attended:

1. Attended AICTE sponsored one week STTP by Dr Bhauben Nanavati College of Pharmacy on Digital Pedagogy ,14-19th Sept 2020
2. Participated in 3 day training workshop 1st Edition marketing and training workshop” The effectiveness of marketing communication”,organized by AISSMS. 3/7/2019-5/7/2019.
3. Faculty development programme on National Board of Accreditation , organized by AISSMS IOIT and conducted by NITTTR ,Kolkatta 22/4/2019- 26/4/2019
4. Insights of Accreditation process for affiliated colleges, 6th and 7th Feb 2018 sponsored by Savitribai Phule Pune University at AISSMSCOP.
5. Participated in one day state level faculty training workshop on “ Teaching with animation” held on 16th May 2017. Organized by Allana College of Pharmacy and APTI.
6. Insights on different Funding Agencies And Research Proposal Writing, 31st January 2017 sponsored by Savitribai Phule Pune University at AISSMSCOP.
7. Faculty development programme, one day, 6/12/2016 at AISSMSCOP.
8. Strategies for women empowerment. At Allana college of pharmacy, Pune, Organized by APTICON women’s forum on 8th March 2016.
9. Role of Medicinal chemist and Phytochemist in drug discovery. 12th February 2016. At AISSMSCOP, sponsored by Savitribai Phule Pune University, State level.
10. Comprehensive product training, on 6th and 7th July 2015 by V- life MDS at AISSMS College of Pharmacy, Kennedy Road, Pune
11. Qbd in formulation development. AISSMS College of Pharmacy, Pune. Two day state level seminar, sponsored by Savitribai Phule Pune University.21st & 22nd January 2015.
12. Advanced drug design and development: A medicinal chemistry approach. Dr.

D.Y Patil Institute of Pharmaceutical sciences and research, Pimpri, Pune, 27th -28th September 2013, AICTE sponsored two day, National level Seminar.

13. MDR/XDR tuberculosis: A health care menace to developing countries, 22nd-24th March 2013. International seminar. Singhgad Cop, Vadgaon ,pune./ univ. of Pune.

14. Workshop on syllabus framing/revision in pharm.chemistry for B.Pharm,M.pharm, 25th February 2013. Dr.D.Y patil College of pharmacy, Pimpri/Univ. of pune.

15. Three day seminar on structural elucidation of organic compounds- 18th- 20th Jan 2011. Singhgad college of pharmacy, Vadgaon.

16. One day workshop on effective Implementation of curriculum, 10th October 2009,Smt.Kashibai Navale college of pharmacy, Pune.

17. Attended Faculty Development Program on ‘New Drug Discovery’ at AISSMS from 17th Nov to 29th Nov 2008.

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

19. Training program in latest technique on HPTLC, 15th May 2004, Anchrome (I) Ltd, Mumbai.

20.National seminar on “Trends in Pharmaceutical sciences and pharmacy practice”. 23-27th September, 2003. Saraswati Vidya Bhavans College of pharmacy, Dombivali.

21.One month industrial training in June 1995 at John Wyeth (I) Ltd, Mumbai.

Seminars organized:

- Coordinator for University of Pune sponsored seminar on “Biological screening techniques and drug discovery”.2010
- Coordinator of national Level Video making competition 2021

Work Experience:

Sept 2008 till date

Assistant professor at All India Shri Shivaji Memorial society’s college of Pharmacy, Pune.

Subjects taught to **B.Pharm:**

- Pharmaceutical Organic chemistry
- Medicinal chemistry
- Pharmaceutical Analysis
- Environmental studies

Subjects taught to **M.Pharm:**

- Advanced Pharmaceutical chemistry.
- Advanced Medicinal chemistry
- Research methodology.
- Drug regulatory Affairs

Aug 1999 to Nov 2004 and Aug 2005 to Nov 2007

Lecturer at Mumbai Educational Trust (MET) Institute of Pharmacy, Bandra.

Subjects Taught –

- Pharmaceutical Chemistry.
- General Chemistry.
- Organic Chemistry.
- Inorganic Chemistry.

July 1998 to May 1999

Lecturer at NSS College of Pharmacy (Diploma), Tardeo.

Approval details:

1. Teachers approval: Ref no: CCO/2208; w.e.f 22/12/2009

2. PG teacher approval: Ref No: BUTR/ Pharmacy/04/81; dated: 25/01/2017

Area of research:

- Synthesis of 2-pyrazoline derivatives followed by QSAR study on the derivatives. The analogues were tested for anti-bacterial activity and at Haffkin's institute for anti-tubercular activity. All the analogues showed a positive anti bacterial and anti tubercular effect. (M. Pharm research work)
- Design, synthesis, biological evaluation of anti tubercular agents.
- Design, synthesis, biological evaluation of anti cancer agents.
- Design, synthesis, biological evaluation of anti HIV agents.

Certificates / Appreciation awarded:

3rd 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, Kolkata. Eternal univ, Baru Sahib 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

1. 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

2. 3rd prize I 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

3. 2nd Prize at 1st Student Research Congress under the theme "Innovations for Better Health", 28-30th September, 2020. SVKM's Dr. Bhanuben Nanavati College of Pharmacy and Co-hosted by University of Mumbai, held from 28th -30th Sept 2020. Entry Inhibitors: An unconventional approach in management of HIV using insilico studies Ayush Khater, Kshitija Abhang, Bhairavi Bakhle, K.D Asgaonkar, S.M Patil

4. 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.

5. 3rd METRXPOLRE 2018 9UG research conference) held on 17th Feb 2018 at MET's Institute of Pharmacy, Nashik. Comparative docking studies on some synthesized compounds for Anti HIV activity. Saurabh Jadhav, K. D Asgaonkar, S.M Patil. Appreciation prize

6. Letter of appreciation from All India All India Shri Shivaji Memorial society for selection of presentation in Avishkar completion (Zonal level) organized by University of Pune in 2011.

7. Dr. C. I. Jolly award for securing highest marks in Pharmacognosy (final year B.Pharm-1996).

8. Late Smt. Jethibai Hirdaram Jagtiani award for securing highest marks in Physics, Chemistry, Math and Biology at HSC Exam-1992.

9. Certificate of merit for securing 95% in PCM and 90% in PCB in HSC Exam-1992.

Presentations:

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, Elseiver , Amsterdam, Netherlands, De Gryuter, 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, 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

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. Poster and Oral presentation at **METRxplore 2020** at MET's Institute of Pharmacy, Nashik held on 08/02/2020. Entry Inhibitors: An unconventional approach in management of HIV using in silico studies. Bhairavi Bakhle, Ayush Khater, Kshitija Abhang, K. D. Asgaonkar, S. M Patil. 2nd Prize, cash prize of Rs 5000/-, certificate, trophy. Certificate, trophy and cash prize of Rs 3000/- to guides, Trophy to college

8. Poster Presentation at **Avishkar 2019 (University Level)**, 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 (Zonal Level)**, held on 12/01/2020 at D Y Patil College of Art, commerce and science. Development of entry inhibitors as Anti-HIV agents using Insilico tool. Ayush Khater, Kshitija Abhang, K. D. Asgaonkar, S. M Patil

10. 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. Bhairavi Bakhle, K. D. Asgaonkar, S. M Patil

11. Poster Presentation at **Avishkar 2019.(Zonal Level)**, held on 12/01/2020 at D Y Patil College of Art, Commerce and science. Molecular docking tool:- Comparative study of some Pyrazine-Thiazolidinone Derivatives as Entry Inhibitors in treatment of HIV. Bhairavi Bakhle, K. D. Asgaonkar, S. M Patil

12. Winners in UG category at SYNAPSE 2018- Oral Research presentation 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, vaibahv Ghegade, A Saurabh Jadhav, Atharva Kulkarni, Sajid Sande.

13. 3rd METRXPOLRE 2018 (UG research conference) held on 17th Feb 2018 at MET's Institute of Pharmacy, Nashik. Comparative docking studies on some synthesized compounds for Anti HIV activity. Saurabh Jadhav, K. D Asgaonkar, S.M Patil. Appreciation prize

14. Innovation 2017, 18/11/2017, held at Smt Kashibai Navale college of Pharmacy, Kondhawa, Pune. Development of some antitubercular agents. Kalyani D. Asgaonkar

15. Synapse 2016, 14/10/2016. Held at AISSMSCOP, Use Of QSAR For Optimization of Thiazolidinone Pharmacophore For Anti-HIV Activity Monica Ramani, Ravina Shah, Rushikesh Sonaikar, Kalyani D. Asgaonkar, S. M Patil

16. Synapse 2016, 14/10/2016. Held at AISSMSCOP, A Comparative Study Of Different QSAR Models For Pharmacophore Optimisation Of 1,3,4 Oxadiazole For

Anti Tubercular Activity Sharvari Kshirsagar, Meghana Mokashi Vaibhav Ghegade, Nimishraj Panse, Kalyani D. Asgaonkar

17. Development and Comparative Study Of Different 2D-Qsar Models For Pharmacophore Optimisation Of 1,3,4 Oxadiazole For anti Tubercular Activity S.M. Kshirsagar*, M.Mokashi, K.D Asgaonkar, Avishkar 15/10/2016. Held at Sinhgad Institute of Pharmacy, Narhe. Zonal level.

18. HSDS -2016, 3rd International conference held at Azam campus, pune 7th -9th January 2016. K.D Asgaonkar*, T. S Chitre. Development of Quinoline scaffold through molecular modelling for antitubercular activity

19. HSDS -2016, 3rd International conference held at Azam campus, pune 7th -9th January 2016. Dr. M R Bhalekar,* Dr. A R Madgulkar, K.D Asgaonkar, Ashwini S Kadam. Demonstration of effect of thiol residues on mucoadhesion of xyloglucan thiomers through docking.

20. HSDS -2016, 3rd International conference held at Azam campus, Pune 7th -9th January 2016. Dr. M R Bhalekar, Dr. A R Madgulkar*,K.D Asgaonkar, Mariam Gyce. Improvement of oral bioavailability of acyclovir using thiomeric nanoparticles of xyloglucan

21. Mr. Agha mohamad Zamin got second rank in poster presentation at international conference on Advances in Asian medicine symposium on ethnopharmacology - validation of traditional medicine , Organized by bharti vidya peeth deemed university - Poona college of Pharmacy, held on 4th January 2016. Title of poster; Exploration of different active constituents from natural products on different targets macromolecules for anticancer activity. Dr. S V Bhandari, Mrs. K D Asgaonkar

22. Exploration of different active constituents from natural products on different targets macromolecules for antitubercular activity using molecular docking studies. Mr. Baliram sarvade, Dr. S V Bhandari, Mrs. K D Asgaonkar poster presentation at international conference on Advances in Asian medicine symposium on ethnopharmacology - validation of traditional medicine , Organized by bharti vidya peeth deemed university - Poona college of Pharmacy, held on 4th January 2016

23. Development of QSAR Model for Pharmacophore Optimisation of Thiazolidinone Nucleus For Anti HIV Activity. Vidhi Shah*, Krishna Wadekar, Kalyani D. Asgaonkar , Shital M. Patil. METRXplore , Nashik, MET college of pharmacy, 13th January 2016

24. Molecular hybridization approach against dormant mycobacterium tuberculosis. 67th Indian Pharmaceutical Congress , 19th -21st December 2015. Sachin* K.D Asgaonkar, T. S Chitre

25. In house project with B.Pharm student-Development of Benzimidazole nucleus for anti HIV activity using QSAR studies. Vedika Bhat, Sayali Ethape, Shital Patil, Kalyani Asgaonkar, Trupti Chitre. Savitribai phule pune university, 17th October 2014, Avishkar

26. Exploring Benzylidene pyrrole-2- Carbohydrazide Derivatives For Antitubercular Activity. K. D Asgaonkar*, T.S Chitre and G.D Mote. Annual National Convention of Association of Pharmaceutical Teachers of India 28th- 30th Nov. 2014, Pune

27. Development of Some Benzylidene pyrrole-2- Carbohydrazide Derivatives for Antitubercular Activity. 2nd International Conference on Herbal and Synthetic Drug

Studies, (HSDS-2014)11th February 2014-Novel herbal and synthetic drugs, ISTR, Pune. Kalyani D Asgaonkar*, Trupti S Chitre, Ganesh Mote.

28. Development of metallocenes: A modified approach towards resistance tuberculosis. 2nd International Conference on Herbal and Synthetic Drug Studies, (HSDS-2014)11th February 2014-Novel herbal and synthetic drugs, ISTR, Pune. Kalyani D Asgaonkar, Trupti S Chitre*, Asha Dharme

29. Design and Development of Potential Anticancer Agents Using Pharmacophore Optimization by Molecular Modeling Studies. Mitalee Patil, Shashikant Bhandari*, Kumar Satyam, Kalyani Asgaonkar. National seminar on frontiers in cancer chemotherapy, sponsored by AICTE, Seth Raghunath Sable College of Pharmacy, Saswad, Pune. 26th and 27th July 2013.

30. QSAR Study of oxadiazole ligated Pyrrole derivatives as antitubercular agents Ganesh D. Mote, Dr. Trupti S. Chitre, Mrs. Kalyani D. Asgaonkar V life poster presentation 1st June 2013, Pune.

31. QSAR study of 5-[aryl/cyclohexylsulfanyl]-2-alkoxy-4, 6-diaryl nicotinonitrile compounds. Deepak K. Landge, Mrs. Trupti S. Chitre, Mrs. Kalyani D. Asgaonkar. V life poster presentation 9th June 2012, Pune.

32. Design of new antitubercular agents using molecular modelling studies. Miss Sonali Deshmane, Mrs. T.S. Chitre, Mrs. Kalyani Asgaonkar. V life poster presentation 9th June 2012, Pune.

33. Design, synthesis, biological activity of some tetrahydroquinoline carbohydrazide derivatives as antidiabetic agents- K.D. Asgaonkar. Avishkar competition (University level) 23rd December 2011.

34. Design, synthesis, biological activity of some tetrahydroquinoline carbohydrazide derivatives as antidiabetic agents- K.D. Asgaonkar. Avishkar competition (Zonal level) 14th December 2011.

35. Structure optimization of selective cyclooxygenase -2 inhibitors as potential Anti inflammatory agents using molecular modeling studies (first prize). Shashikant Vasantrao Bhandari, Chintamani Sopanrao Jadhav, Asha Popat Hole, Kalyani Asgaonkar, Deepali, Dattatray Bhandari. Young researcher's conference 13-14th 2011 January institute of chemical technology.

36. 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 13-14th 2011 January institute of chemical technology.

37. At 49th Indian Pharmaceutical Congress, Kerala-1997.

Publications:

1. 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

2. 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

3. 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

4. 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](https://doi.org/10.1080/07391102.2023.2262594). IF=4.4, SNIP= 1.220, SJR=0.670.scopus, WOS.ISSN-1538-0254

5. Designing of Trifluoromethyl Substituted Pyrimidine Pharmacophore for Antiprostata 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

6. Asgaonkar KD, Patil SM, Daga Y, Gupta M, Sagar A, Shevate K, Mahadik I, Randive V. In silico Exploration of Phytochemical based Thiazolidinone- Caffeic Acid- Indole New Chemical Entities for Simultaneous Management of Diabetes and Hypertension- A Fascinating Study. 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 SJR-0.27, SNIP-0.407

7. QSAR and molecular docking studies of 5- benzylidene-on-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. ISSN- 0019-5464. SJR-0.19, SNIP=0.35

8. 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 : 1.3 ISSN: 0019-4522. UGC, WOS, approved.SJR-0.13. <https://doi.org/10.1016/j.jics.2022.100803>. SJR-0.142

9. Diverse Synthetic Approaches and Biological Activities of Lucrative Pyrimidine-Triazine Hybrid Derivatives: A Review. Kalyani Asgaonkar*, Shital Patil, Kunal Pradhan, SushrutiTanksali, Jidnyasa Jain. Current Organic synthesis.2023 20(7):734-757 .DOI: 10.2174/1570179419666220920093734.IF=2.2.76, ISSN(Print):1570-1794. UGC, WOS, Scopus approved.SJR-0.33,SNIP-0.61.Bentham. PMID: 36125826

10. 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.DOI: 10.1007/s40204-022-00201-x.
11. 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. doi: 10.2174/1570162X20666220214123331.
12. QSAR tool for optimization of nitrobenzamide pharmacophore for antitubercular activity. K.D. Asgaonkar*, S.M. Patil, T.S. Chitre, S.D. Wani, M.T. Singh. Bulletin of the University of Karaganda – Chemistry, 2022,105(1), 60-68.https://doi.org/10.31489/2022Ch1/60-68. Scopus approved.
13. 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.
14. 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, 581-589.SJR -0.2. ISSN- 0019-5464.Impact factor-0.501. DOI: 10.5530/ijper.55.2.97
15. 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.
16. 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
17. 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
18. 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
19. A survey: possibilities of revamping education system in the stretching covid-19 pandemic. Kalyani Dharendra Asgaonkar1 , Shital Manoj Patil1 , Tina Saldhanal ,

- Atharva Sudhakar Kulkarni^{2*} , 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
20. 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
21. Molecular Docking in Formulation and Development. Tejinder Kaur*, Ashwini Madgulkar, Mangesh Bhalekar, Kalyani Asgaonkar. *Current Drug Discovery Technologies*. Volume 16, Issue 1, 2019, 30-39, ISSN: 1875-6220 (Online), ISSN: 1570-1638 (Print), Bentham Publishers. PMID: 29468973. doi: 10.2174/1570163815666180219112421.
22. Comparative Docking Studies: A Drug Design Tool for Some Pyrazine-Thiazolidinone Based Derivatives for Anti-HIV Activity. Kalyani Dhirendra 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
23. Comparative Study of Various Non-Nucleoside Reverse Transcriptase Inhibitors on Different Reverse Transcriptase Enzyme Shital Manoj Patil*, Kalyani Dhirendra 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
24. 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. doi:10.5530/ijper.51.2s.58
25. 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
26. 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
27. 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. ISSN0960-894X, Impact-2.4, Elsevier

Publisher. <http://dx.doi.org/10.1016/j.bmcl.2016.03.055>

28. Trupti Sameer Chitrea*, Kalyani Dharendra Asgaonkar^{1,a}, Shital Manoj Patil¹, Muthu Kumaradoss Kathiravan and Subhash Balkrishna Padhye. Exploring Pyrimidine Pharmacophore as Thymidine Monophosphate Kinase Inhibitors for Antitubercular Activity: A Review, Current Topics in Medicinal Chemistry, Volume 16, number 28, November 2016, 3211-3223. Impact = 3.4, ISSN: 1873-5294 (Online) ISSN: 1568-0266 (Print), Bentham science publishers
29. 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
30. 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
31. 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)
32. 2D and 3D QSAR Studies of 1,4-Dihydropyridine Derivatives as Antitubercular Agents Sonali Deshmane^{1*}, 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
33. 2D and 3D qsar study of 5[aryl/cyclohexylsulfanyl] 2alkoxy4,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
34. Review article- study of some reaction intermediates Kalyani D. Asgaonkar. Juilee. Kulkarni. jan- International Journal of Research in Pharmaceutical and Biomedical Sciences ISSN: 2229-3701. Vol. 3 (1) Jan – Mar 2012, 325-351.
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. Chitre^{1*}, 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.

38. Focus on Tamiflu - pharmacy online 2009 THE INTERNATIONAL JOURNAL OF PHARMACY - ISSN 1471-5252. Kalyani D. Asgaonkar.

Book Published:

1. Pharmaceutical organic chemistry –I First Year B.pharm .- Kalyani D. Asgaonkar Published by Tech Max publications- Pune.2011 ISBN-978-81-8492-754-2
2. Pharmaceutical organic chemistry –I First Year B.pharm sem I .- Kalyani D. Asgaonkar Published by Tech Max publications- Pune 2013.ISBN- 978-93-5077-359-8
3. Pharmaceutical organic chemistry –I First Year B.pharm sem II .- Kalyani D. Asgaonkar Published by Tech Max publications- Pune 2013.ISBN 978-93-5077-505-9

Projects;

1. Development of some antitubercular agents .Minor research project grant by SPPU of Rs 1,70000/- . (2016-18)

Faculty development Programme:

1. Completed Swayam Faculty development Programme certification course “JMol application’ IITB spoken tutorial from 26/6/2023-11/7/2023
2. Attended FDP on Computer aided drug design organized by Centre for Advanced Computational Chemistry Studies, New Delhi, 23/1/2023- 29/1/2023
3. 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.
4. Research grant proposal writing workshop organized by Dr D Y Patil Institute of Pharmaceutical sciences and Research and Climed Research solutions ,held on 20/8/2022-21/8/2022
5. Completed Swayam Faculty development Programme certification course “G chem. paint’ IITB spoken tutorial from 14/6/2022-20/6/2022.
6. 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
7. Swayam Faculty development Programme certification course “Cognition ,transformation and lives”, Score 78%, Elite + Silver Medal, Aug –Sep 2021, 4 weeks.
8. Swayam Faculty development Programme certification course “Body language”, Score 90%, Elite + Gold Medal, July –Aug 2020, 4 weeks.
9. 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
10. Swayam Faculty development Programme certification course “Stress management”, Score 90%, Elite + Gold Medal, July –Aug 2019, 4 weeks.
11. Faculty development programme on National Board of Accreditation, organized

by AISSMS IOIT and conducted by NITTTR ,Kolkata 22/4/2019- 26/4/2019

12. Attended Faculty Development Program on ‘New Drug Discovery’ at AISSMS from 17th Nov to 29th Nov 2008.

Professional Training:

1. 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
2. Workshop on NEP-2020 Implementation Plan under the component Technology use and Integration. UGC-Human Resource Development Centre ,SPPU. 08-02-2023
3. 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.
4. International FDP on Opportunities In Pharmacy and Research, AISSMS COP 28-12-2022
5. Quality Sustenance and Quality Improvement: Issues and Challenges. AISSMS COP with NAAC. 20-09-2022
6. Assessment strategy for OBE: mapping and attainment. AISSMS COP with APTI.12-09-2022.
7. Workshop on National Education Policy-2020: Changing Role of Teachers. UGC-Human Resource Development Centre, Savitribai Phule Pune University. 06-09-2022
8. Attended FDP on Thesis and research paper writing ,organized by NITTTR Kolkatta from 21/02/2022- 25/02/2022
9. Attended 5 day FDP on New edge educational standards for Teachers organized by METIOP, Nashik and APTI from 14/02/2022- 18/02/2022
10. Attended International FDP on Research & Regulatory Requirements: An Industry Perspective on 16/11/2021 organised by AISSMSCOP
11. 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.
12. Attended three day National level programme “A contemporary approach towards teaching and learning medicinal chemistry” from 19th Dec 2019-21st Dec 2019, organized by Bharatiya Jain Sanghatana’s Arts, Science and Commerce College, Wagholi, Pune, sponsored by TLC SPPU.
13. Participated in 3 day training workshop^{1st} Edition marketing and training workshop” The effectiveness of marketing communication”, organized by AISSMS. 3/7/2019-5/7/2019.
14. One day visit to Lupin ,Pune 2019.
15. Insights of Accreditation process for affiliated colleges, 6th and 7th Feb 2018 sponsored by Savitribai Phule Pune University at AISSMSCOP.
16. One day visit to Green Pharmacy , Pune 2018.
17. Participated in one day state level faculty training workshop on “ Teaching with animation” held on 16th May 2017. Organized by Allana College of Pharmacy and

APTI

18. Insights on different Funding Agencies And Research Proposal Writing, 31st January 2017 sponsored by Savitribai Phule Pune University at AISSMSCOP.
19. Faculty development programme, one day, 6/12/2016 at AISSMSCOP.
20. Strategies for women empowerment. At Allana college of pharmacy, Pune, Organized by APTICON women's forum on 8th March 2016.
21. Role of Medicinal chemist and Phytochemistry in drug discovery. 12th February 2016. At AISSMSCOP, sponsored by Savitribai Phule Pune University, State level.
22. One day visit to NuLife Pharmaceuticals, Pune on 5th May 2015.
23. Comprehensive product training, on 6th and 7th July 2015 by V- life MDS at AISSMS College of Pharmacy, Kennedy Road, Pune
24. Qbd in formulation development. AISSMS College of Pharmacy, Pune. Two day state level seminar, sponsored by Savitribai Phule Pune University. 21st & 22nd January 2015.
25. Advanced drug design and development: A medicinal chemistry approach. Dr. D.Y Patil Institute of Pharmaceutical sciences and research, Pimpri, Pune, 27th -28th September 2013, AICTE sponsored two day, National level Seminar.
26. MDR/XDR tuberculosis: A health care menace to developing countries, 22nd- 24th March 2013. International seminar. Sinhgad Cop, Vadgaon ,pune./ univ. of Pune.
27. Workshop on syllabus framing/revision in pharm.chemistry for B.Pharm,M.pharm, 25th February 2013. Dr.D.Y patil College of pharmacy, Pimpri/Univ. of pune.
28. Three day seminar on structural elucidation of organic compounds- 18th- 20th Jan 2011. Singhgad college of pharmacy, Vadgaon.
29. One day workshop on effective Implementation of curriculum, 10th October 2009, Smt. Kashibai Navale college of pharmacy, Pune.
30. Attended a work shop on molecular Modeling and structure based drug design on 23rd March 2007, Bombay College of pharmacy Kalina.
31. Training program in latest technique on HPTLC, 15th May 2004, Anchrome (I) Ltd, Mumbai.
32. National seminar on "Trends in Pharmaceutical sciences and pharmacy practice". 23-27th September, 2003. Saraswati Vidya Bhavans College of pharmacy, Dombivali.

In house project:

1. Development of 2-D QSAR for pyrimidine pharmacophore for anticancer activity.- Kalyani D Asgaonkar(Guide), Mrs. Sheetal M Patil (Co guide). Students-Final year B.Pharm Neeraja Sathe, Abhilash Ghanwat, Radhika Kulkarni, Radhika Dawara., Aug-Oct 2014
2. Development of 2-D QSAR of benzimidazole nucleus for Anti- HIV activity.- Kalyani D Asgaonkar (Co Guide), Mrs. Sheetal M Patil(guide). Students-Third year B.Pharm – Urvish M. Khandewal, Vedika S. Bhat, Chandni S. Dhule, Sharvari H. Mauskar .Aug- Oct 2014
3. Comparison of different 2D QSAR methods for pharmacophore optimization of thiazolidinone nucleus for anti HIV activity. Kalyani D Asgaonkar (Guide), Mrs. Sheetal M Patil(Co guide). Students-Third year

B.Pharm – Vidhi Shah, Ravina Shah, Monica Ramani, S.Y B.Pharm- Rushikesh Sonaikar, Krishan Wadekar. Sep- Nov2015

4. Comparison of different 3 DQSAR methods for pharmacophore optimization of oxadiazole nucleus for anti TB activity.

Kalyani D Asgaonkar (Co Guide), Mrs. Sheetal M Patil(guide). Students-Second year B.Pharm –Pratiksha deodhar, Shruti Lohakare, Surekha kadam, Sanjana Shah, Chaitali Shah. Sep- Nov2015

5. Pharmacophore optimization for anti TB activity using 2D QSAR studies- Kalyani D Asgaonkar (Guide), Mrs. Sheetal M Patil(Co guide).Sharvari kshirsagar(Final year B.pharm), Meghana mokashi (T.Y B.Pharm), Vaibhav Ghegade, Nimishraj Panse (S.YB.Pharm) Aug- Oct 2016

6. Comparative docking studies on reverse transcriptase enzyme. Kalyani D Asgaonkar (Co Guide), Mrs. Sheetal M Patil(guide). Aditi Kinikar (Final year B.pharm), Chaitali kharat (Final year B.pharm),Vaibhavi Bhoirekar(T.Y B.Pharm), Madhura Athavale (Final year B.pharm), Mitali Katkar (Final year B.pharm) Aug- Oct 2016

7. Comparative docking studies of some synthesized compounds on various receptors. Kalyani D Asgaonkar (Guide), Mrs. Sheetal M Patil(Co guide). Vaibhav Ghegade(T.Y B.Pharm), Saurabh Jadhav (T.Y B.Pharm), Atharva Kulkarni (S.Y B.pharm), Sajid Sande (S.Y B.pharm) Aug- Oct 2017

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. A Survey: Possibilities of revamping education system in the stretching COVID-19 pandemic Kalyani Dharendra Asgaonkar , Shital Manoj Patil , Atharva Sudhakar Kulkarni , Kshitija Ghanasham Abhang , Bhairavi Dhananjay Bakhle, May 2020.

10. The mental health Manacle:A survey of Corona's impact on mental Health. Mr Ayush Khater, Ms Maitryee Upadyaya K.D Asgaonkar, S.M Patil 25th May 2020.

11.Survey-How community pharmacist are helping to manage and prevent the spread of COVID-19Ayush Khater, Kshitija Abhang , K.D Asgaonkar, S.M Patil. June 2020.

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

13.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.

14. 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.

15. 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

Industry project

1. Synthesis of Chromium amino acid Nicotinic acid chelates- Indus Biotech ltd.

Outside student Project

1. Docking and ADME studies some Imidazole derivatives for anticancer activity. Mrs. K D Asgaonkar and Mrs S M Patil, Dr. Manisha Bora. Collaboration. July 2023.
2. Docking studies of drug with different polymers. Mrs. K D Asgaonkar and Dr T S Chitre, Mr Yash Joshi. May 2023.
3. Docking studies of Pyrazine Oxadiazole derivatives for Antitubercular activity. Mrs. K D Asgaonkar and Mrs S M Patil, Mrs Asha Suryawanshi. Collaboration March 2023.

Industrial visit

1. One day visit to NuLife Pharmaceuticals, Pune on 5th May 2015.
2. One day visit to Green Pharmacy, Pune 2018.
3. One day visit to Lupin, Pune 2019.
4. One day visit to QPAT, Pune 2022