

Curriculum Vitae

Personal information

Name **Dr. Nikita Maruti Gaikwad**
Address PES, Modern College of Pharmacy, Yamunanagar, Nigdi, Dist-Pune, Maharashtra (India)
Mobile +918788193238, +919420806590
E-mail(s) nikigaikwad09@gmail.com
Nationality Indian
Date of birth 5th February, 1990
Gender Female
Pan card number AYDPG6690H



Desired employment / Occupational field

I would like to associate with an organization which provides me right opportunity and good working environment to explore my skills through innovation which will lead to empowerment and development of organization.

Work experience

Dates December, 2013 – Till date
Occupation or position held Associate Professor in Pharmaceutics Dept.
Main activities and responsibilities Teaching & examining subjects such as Pharmaceutical Engineering, Pharmaceutics-I, Physical Pharmacy, cosmetics & cosmeticeuticals, Hazards & safety management
Portfolio Extracurricular activities Coordinator, NSS Program Coordinator, training and Placement cell member, student welfare officer.
Name and address of employer Progressive Education Society, Modern college Of Pharmacy, Nigdi, Pune, Maharashtra-411044. (India)
Type of business or sector Education

Education and training

Dates 19 October 2022
Title of qualification Doctor of Philosophy (Pharmaceutics)
Title Nanotechnology Assisted Drug Delivery System
Research Centre Progressive Education Society, Modern College of Pharmacy, Nigdi, Pune, Maharashtra-411044, India.
University Savitribai Phule Pune University, Pune
Dates 01 July 2011 - 01 July 2013
Title of qualification awarded Master of Pharmaceutical Sciences (Quality Assurance Techniques)
Principal subjects / occupational skills covered Advance Quality Assurance Techniques, Advance analytical Techniques, Pharmaceutical validation, Sterile Product Formulation and Techniques, Novel Drug delivery systems, Drug regulatory affairs, Research Methodology.
1. Maintenance and cleaning of equipments, Material Management, Handling of sterile and pharmaceutical product
2. Equipment validation, documentation and records
3. Drug regulation, scheduled drug and ICH guidelines
4. Analytical techniques such as UV spectrophotometer, FTIR, HPLC.
Name and type of organization providing education and training Progressive Education Society, Modern College of Pharmacy, Nigdi, Pune, Maharashtra-411044, India.

Dates	01 June 2007- 01 June 2011
Title of qualification awarded	Bachelor of Pharmacy
Principal subjects / occupational skills covered	Pharmaceutics, Pharmacology, Microbiology, Biochemistry, Biotechnology, Anatomy and Physiology, Organic and Inorganic Chemistry, Biopharmaceutics, Pharmaceutical Jurisprudence,
Name and type of organization providing education and training	Amrutvahini College of Pharmacy, Sangamner, Ahmednagar, Maharashtra, India.
Personal skills and competences	
Mother tongue(s) Other language(s)	Marathi English, Marathi, Hindi
Social skills and competences	<ul style="list-style-type: none"> - Target Oriented; - Believe in teamwork and cooperation to achieve fruitful result - Good communication skills - Good Leadership Quality; - Result Oriented; - Self-Motivated, strong decision making abilities;
Organizational skills and competences	-Very good command in handling instrument like dissolution test apparatus, film former, Fluidized bed processor, spray dryer and UV visible spectroscopy, freeze dryer, Nano SZ-100
Technical skills and competences	<ul style="list-style-type: none"> - Comfortable working with Microsoft Office (Word, Excel, Power Point) Windows XP and Internet.
Computer skills and competences	<ul style="list-style-type: none"> - MS-CIT passed with 74 % marks.
Additional information	
ACADEMIC PROJECTS	
1) Nanotechnology Assisted Drug Delivery System Work on nanoparticulate drug delivery system for ovarian cancer treatment.	
2) Development, Evaluation and Characterization of Self Microemulsifying Drug Delivery system Master in pharmacy project done on SMEDDS for colonic drug delivery of budesonide drug for treatment of ulcerative colitis by oral administration of capsules which is coated with Eudragit S-100. <i>In-Vivo</i> study and histopathological study was performed on rat.	
3) Done a review on Stability Indicating by LC-MS method during first semester of M.Pharm.	
4) Done a review on Aquasomes during second semester of M.Pharm.	
5) Combination drug therapy	
PUBLICATIONS	
1. N.M.Gikwad, S. H. Gatkal, P.M. Patil, P.D. Chaudhari, "STABILITY INDICATING BY LC-MS METHOD", International Journal of Pharmaceutical sciences review and research (ISSN: 0976-044X) Elsevier's SCImago Impact factor = 0.65.	
2. K. pratyusha, N. M. Gaikwad, A. A. Phatak, P. D. Chaudhari, "REVIEW ON: WASTE MATERIAL MANAGEMENT IN PHARMACEUTICAL INDUSTRY", International Journal of Pharmaceutical sciences review and research (ISSN: 0976-044X), (ISSN: 0976-044X), Elsevier's SCImago Impact factor = 0.65.	
3. S. H. Gatkal, N. M. Gaikwad, p. M. Patil, P. D. Chaudhari, "RELEASED ERYTHROCYTE: A NOVEL DRUG DELIVERY SYSTEM", International Journal of Pharmaceutical sciences review and research (ISSN: 0976-044X), (ISSN: 0976-044X), Elsevier's SCImago Impact factor = 0.65.	
4. N. M. Gaikwad, K. S. Shaikh, P. D. Chaudhari, Development And Evaluation Of A System For Colonic Delivery Of Budesonide "Indian Journal of Pharmaceutical Education and Research, [ISSN-0019-5464], Impact Factor: 0.8 (2013 Journal Citation Reports®, ©Thomson Reuters, 2014.	
5. N. M. Gaikwad, P. D. Chaudhari, K. S. Shaikh, S. Y. Chaudhari, Albendazole repurposing on VEGFR-2 for possible anticancer application: In-silico analysis, Plos one, Impact Factor: 3.7.	

**PATENT
PUBLISHED**

6. N. M. Gaikwad, K. S. Shaikh, P. D. Chaudhari, "Development And Evaluation Of A System For Colonic Delivery Of Budesonide", Indian Journal Of Pharmaceutical Education And Research, IF 0.8
7. N. M. Gaikwad, P. D. Chaudhari, K. S. Shaikh, S. Y. Chaudhari, "Albendazole repurposing on VEGFR-2 for possible anticancer application: In-silico analysis", Plos one, Impact Factor: 3.7.
8. N. M. Gaikwad, P. D. Chaudhari, K. S. Shaikh, S. Y. Chaudhari, "Gradient RP-HPLC method development and validation for simultaneous estimation of paclitaxel and albendazole", International Journal of Health Sciences, IF 2.0
9. Application of in-silico drug discovery techniques to discover a novel hit for target-specific inhibition of SARS-CoV-2 Mpro's revealed allosteric binding with MAO-B receptor: A theoretical study to find a cure for post-covid neurological disorder, Plos one, Impact Factor: 3.7.
10. Prathamesh Gunjal, Nikita Gaikwad, Priyanka Pote, Shilpa Biradar, "Development and evaluation of soluplus/tpgs 1000 loaded mixed polymeric micelles of sorafenib tosylate for hepatocellular carcinoma", European Chemical Bulletin.
11. Mitochondrial dysfunction and oxidative stress in Alzheimer's disease, and Parkinson's disease, Huntington's disease and Amyotrophic Lateral Sclerosis -An updated review, Mitocondrion, IF 4.4.
12. In-Silico Investigation on the Inhibitory Effect of Compounds from Essential Oils of Boesenbergia rotunda on Sortase-A of Streptococcus mutans. South African Journal of Botany. IF 3.1
13. Dual drug-loaded polymeric mixed micelles for ovarian cancer: Approach to enhanced therapeutic efficacy of albendazole and paclitaxel. Gaikwad, N.M., Chaudhari, P.D., Shaikh, K.S., Chaudhari, S.Y., Pathare, S.S., Shaikh, A.A., Aljarba, N.H., Kumer, A. and Dhara, B., 2024. Journal of Cellular and Molecular Medicine, 28(11), p.e18389. IF- 5.31

1. Title: "Dual Drug loaded targeted polymeric micelles for treatment of cancer and method of preparation thereof", Name of Inventor: Ms. Nikita M. Gaikwad, Dr. Praveen Digambar Chaudhari, Dr. Karimunnisa Shaikh, Dr. Somdatta Y. Chaudhari
2. Title: "Digital Angle of repose meter", Name of Inventor: Ms. Nikita M. Gaikwad, Dr. Praveen Digambar Chaudhari, Dr. Somdatta Y. Chaudhari, Dipak Gonde, Bhumiika Bhole, Vidya Chaudhari
3. Title: "An Intranasal dual drug loaded micelles for epilepsy", Name of Inventor: Dr. Nikita M. Gaikwad, Dr. Somdatta Y. Chaudhari, Dr. Praveen Digambar Chaudhari, Ms. Priyanka Pote, Ms. Shilpa Biradar
4. Title: "Micronutrient transdermal patch and process for preparation thereof", Name of Inventor: Mr. Devendra Visokar, Ms. Tabbassum sheikh, Dr. Praveen Digambar Chaudhari, Ms. Nikita M. Gaikwad.
5. Design patent: Agar dispensing machine

SEMINARS, CONFERENCE AND WORKSHOPS ATTENDED

1. One week FDP on "Current trends & future challenge in pharmaceutical excipients in the development of novel drug delivery system" Poona college of pharmacy, pune in association with international pharmaceutical excipients council of India, Dated 18-22 March 2024
2. International conference on Global Collaboration in Pharmaceutical: Bridging border, breaking barriers, Indo Australian symposium organized by JSS Pharmacy College, Ooty, Tamilnadu, India, Dated: 15-17th March 2024.
3. One week national e-FDP on "empowering academicians & research in mastering grant writing & quality publication" organized by sandip university, Nashik in association of APTI (Maharashtra), Dated 11-16th March 2024
4. International level conference on "Emerging Trends in pharmaceutical-care in Digital Era" Organized Modern college of Pharmacy, Nigdi, Pune in association with Operant pharmacy Federation, Dated 27th Feb 2023.
5. State level working model competition on "Pharma working Model" Organized by Modern College of pharmacy, Nigdi, Pune, Sponsored by SPPU Pune, Dated 9th May 2022.
6. National level conference on "Medical coding & E-poster competition" Organized Modern college of Pharmacy in association with elite institute of pharma skill, Pune, Dated 6th March 2020.
7. State level seminar on "Recent trends & opportunity in pharma industrial quality control Assurance techniques" Organized RJSPM College of pharmacy, Dated 18th and 19th Jan 2019.
8. National level seminar on "Pharmaceutical Innovation and Intellectual property Rights" Organized Modern college of Pharmacy, Nigdi, Pune, Dated 2nd and 3rd Feb 2018.
9. State level seminar on "Novel Approaches in Natural Products Research" Organized Modern college of Pharmacy, Nigdi, Pune, Dated 20th Jan 2018.
10. State level seminar on "current advances and application of pharmaceutical analytical techniques" Organized Modern college of Pharmacy, Nigdi, Pune, Dated 13th Jan 2018.
11. State level seminar on "Insights of Different Funding agencies and research proposal writing" Organized by AISSMS college of pharmacy, pune, Dated 31st Jan 2017.
12. Faculty Development program on Teaching Methodology, Organized by Modern college of Pharmacy, Nigdi, Pune, Dated 27th March 2017.
13. National level seminar on "Recent Advanced in Management of Diabetes" Organized by Modern college of Pharmacy, Nigdi, Pune, Dated 2nd and 3rd December 2016.
14. One Day Workshop On "Road Map to Formulation Development-Scientific and Regulatory Perspective" Organized by Maharashtra Institute of Pharmacy, Pune Dated 27th August 2016.
15. One Day Workshop on "Advanced in Nano Drug delivery system" Organized by Maharashtra Institute of Pharmacy, Pune, Dated 30th July 2016.
16. One Day seminar on "Strategies for empowerment of women Associated with the healthcare profession" Organized by Allana College of Pharmacy, Pune, Dated 8th March 2016.
17. State level Seminar on "Opportunities In Natural Drug Formulation Research"" organized by Modern college of Pharmacy, Nigdi, Pune, dated 12th and 13th Feb 2016.
18. National Level Seminar on "Current Aspects in Chemical Synthesis and Spectral Data Interpretation" Organized by Modern college of Pharmacy, Nigdi, Pune. Dated 5th and 6th Feb 2016.
19. State level seminar on "Recent Advances in Drug Delivery Technology", Organized by RJSPM college of pharmacy, Alandi, Pune, Dated 12th Jan 2016.
20. Actively Participated in Annual National Convention of Association of pharmaceutical Teachers of india (APTICON-2014). At Balewadi Stadium, Pune, between 28th -30th Nov 2014.
21. University level workshop on " A role of Value based Education and Participation of Youth in Shaping the Future of India" Organized by Modern college of Pharmacy, Nigdi, Dated 27th Dec 2013
22. "Police Mitra Mandal workshop" Organized by NSS dept. SPPU, Pune, Dated 3rd to 5th Sep. 2013.
23. One day workshop on "Students personality development" Organized by Gholap mahavidyala, sangvi, Dated 13th Dec 2012.

24. National conference On "Advanced in Phytochemistry and phytopharmacology", organized by Amrutvahini College of Pharmacy, Sangamner, A.nagar, Dated 11th and 12th Feb 2010.

RESENTATION AND PARTICIPATION

1. Presented "Review article on herbal anticancer drug" as co-author at University of pune sponsored national conference on "Advances Phytochemistry and Phytopharmacology" held at Amrutvahini College of pharmacy Sangamner. Dated 11-13thfeb 2010.
2. Participated in state level Competition "Utkarsh-2012" at Kolhapur Organized by National Service Scheme (NSS).
3. Presented "Molecular docking study of albendazole on VEGFR2 for Anticancer activity" as author at University of pune sponsored international conference on "multidisciplinary health care research: Challenge, opportunity in new direction" held at Modern College of pharmacy Nigdi, Pune.

MEMBERSHIP

1. Life Member of Association of Pharmacy Teachers of India.

REFERENCES

Dr. P. D. Chaudhari, Mr. S. Y. chaudhari