

CURRICULUM VITAE

DR. ABIDA

Ph.D. (Pharmaceutical Chemistry)

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PROFESSIONAL QUALIFICATION

S. No.	Degree (Thesis title)	Specialization	Year	University/Organization
1.	Doctor of Philosophy (Synthesis of Novel Pyridazine Derivatives of Pharmaceutical Interest)	Pharmaceutical Chemistry (Medicinal Chemistry)	2021	Apeejay Satya University, Sohna, India
2.	Master of Pharmacy 1. Method Development and Validation of Stability Indicating HPLC Method for Assay of Oseltamivir API) 2. Method development for Gatifloxacin tablets by RP-HPLC)	Pharmaceutical Chemistry	2007	Guru Jambheshwar University of Science and Technology, Hisar, India
3.	Bachelor of Pharmacy (All pharmacy subjects)	Pharmaceutical Sciences	2004	M.D. University, Rohtak, India
4	Diploma of Pharmacy (All pharmacy subjects)	Pharmaceutical Sciences	1999	Medical College Rohtak, India

OBJECTIVE

To offer my teaching skills and experience to an organization that provides a challenging career with long-term growth opportunities.

CURRENT JOB PROFILE

Currently working as an Assistant Professor in:

1. Center for Health Research, Northern Border University, Arar, Saudi Arabia.
2. College of Pharmacy, Northern Border University, Rafha, Saudi Arabia.

TOTAL PROFESSIONAL EXPERIENCE (18.8 Years)

1. Worked as a lecturer in the Advanced Institute of Pharmacy, Palwal, from August 2007 to September 2010.
2. Worked as an Assistant Professor at the Advanced Institute of Pharmacy, Palwal, from October 2010 to September 2013.
3. Working in the Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Northern Border University, Rafha, Kingdom of Saudi Arabia, since October 2013.
4. Working in the Center for Health Research, Northern Border University, Arar, Saudi Arabia, Since November 2024.

SCHOLARSHIP

- Received the University Grants Commission Junior Research Fellowship during the Master of Pharmacy (Pharmaceutical Chemistry).

ACHIEVEMENTS

1. Secured first position in Bachelor of Pharmacy, M.D. University, Rohtak, India.
2. Secured first position in Master of Pharmacy, Guru Jambheshwar University, Hisar, India
3. Qualified Graduate Aptitude Test in Engineering (GATE), 2005 - (88.34 Percentile), conducted by Indian Institute of Technology (IIT), Roorkee.

AWARDS

1. Achieved Scientific Excellence Award for the year 2024-2025, Northern Border University, Rafha, KSA
2. Achieved Scientific Excellence Award for the year 2023-2024, Northern Border University, Rafha, KSA.
3. Achieved Scientific Excellence Award for the year 2022-2023, Northern Border University, Rafha, KSA.

4. Achieved Academic Excellence Award for the year 2010-2011, Advanced Institute of Pharmacy, Palwal, India.

INDUSTRIAL EXPERIENCE

1. One-year Project work at Ranbaxy Research Laboratories, Gurgaon, India. (2006-2007)
 - Content: Analytical Department.
2. Two months of training at Nestor Pharmaceuticals Pvt. Ltd, Faridabad, India. (2004)
 - Content: Production and quality control.

TECHNIQUES KNOWN / INSTRUMENTS HANDLING

1. Analytical method development & validation.
 2. Characterization of drug substances and stability studies as per ICH guidelines.
 4. Synthesis of chemical compounds.
- HPLC, LC-MS, IR, DSC, KF, UV- Spectrophotometer, Compact Titrator, Polarimeter, Conductivitymeter, Refractometer.

RESEARCH INTEREST

- Drug Discovery and Development

MEMBERSHIPS

1. Registered Pharmacist in the Pharmacy Council of India.
2. Life-time member of the Indian Pharmacy Graduate Association.
3. Member of the Saudi Heart Association.

LIST OF PUBLICATIONS

1. **Abida**, Srinivas K, Narasimhan B, RP-HPLC stability indicating assay method development and validation for oseltamivir API, Chemical and Pharmaceutical Bulletin. Jan 2008; 56(4):413-417.
2. **Abida**, Imran M, Srinivas K, Narasimhan B, RP-HPLC assay method development and validation for gatifloxacin in tablet formulation, IJPI's Journal of Analytical Chemistry. 2011; 2(7):1-8.
3. **Abida**, Imran M, Parvez N, Rana A, An Updated Review: Newer Quinazoline Derivatives Under Clinical Trial, International Journal of Pharmaceutical & Biological Archives, Dec 2011; 2(6):1651-1657.
4. Tewatia N, **Abida** and Namdeo KP, Synthesis and antimicrobial activity of pyrazine carboxamide derivatives, Journal of Chemical and Pharmaceutical Research. 2012; 4(3):1794-1798.

5. Garg A, Akhtar MS, A Rana, **Abida**, Parvez N, A Comparative study between Retrospective and Prospective Drug Use Pattern Conducted in a Referral Teaching Hospital, New Delhi, INDIA, IJPI's Journal of Hospital and Clinical Pharmacy. 2012; 2(8):1-10.
6. **Abida** and Imran M, FDA Approved Drugs for Fibromyalgia, International Journal of Recent Advances in Pharmaceutical Research. July 2012; 2(3):1-4.
7. **Abida**, Alaqel S, Imran M, El-Feky SA, and Khan SA, Synthesis and antimicrobial activity of 3-(substituted phenyl)-1-(7-substituted coumarin-3-yl)prop-2-ene-1-ones, Journal of Chemical and Pharmaceutical Research. 2013; 5(12):1089-1093.
8. **Abida**, Imran M, Hagga MAM and El-Feky SA, New chemical entities of future for infectious diseases, European Journal of Experimental Biology. 2014; 4(1):613-624.
9. Imran M, **Abida**, El-Feky SA and Sangi S, Synthetic medicinal compounds for the treatment of hepatitis C, Der Pharma Chemica. 2014; 6(3):339-346.
10. Imran M, **Abida** and Khan SA, Synthesis and Antimicrobial Activity of Some 2-Amino-4-(7-Substituted/Unsubstituted Coumarin-3-yl)-6-(Chlorosubstitutedphenyl) Pyrimidines, Tropical Journal of Pharmaceutical Research. July 2015; 14 (7):1265-1272.
11. Imran M, Tashtoush MH, Khalid F, Alsalman AJ and **Abida**, Awareness of vitamin supplementation among patients visiting out-patient physicians in Security Forces Hospital of Al-Dammam, Der Pharmacia Sinica. 2015; 6(10):25-30.
12. **Abida**, Al-Shammari JM, Balbki M, Imran M, Chidrawar V, Knowledge, attitude and practice of vitamin supplementation among people of the northern border region of Saudi Arabia, Der Pharmacia Lettre, 2015, 7 (9):233-238.
13. Imran M, **Abida** and Alsalman AJ, Synthesis and Evaluation of Antimicrobial Activity of Some 2-Morpholinomethylamino-4-(7-Unsubstituted/Substituted Coumarin-3-yl)-6-Chlorosubstitutedphenyl Pyrimidines, Tropical Journal of Pharmaceutical Research. Feb 2016; 15(2): 393-404.
14. Mohd. Imran, **Abida**, 6-(4-Aminophenyl)-4,5-dihydro-3(2H)-pyridazinone: An Important Chemical Moiety for the Development of Cardioactive Agents : A review, Tropical Journal of Pharmaceutical Research, July 2016, 15(7), 1579-1590.
15. **Abida**, Md. Tauqir Alam, Mohd. Imran, Said A.H. El-Feky, Mohamed A.M. Hagga, Recent Drugs for The Management and Treatment of Fibromyalgia, Indo American Journal of Pharmaceutical Sciences, September 2016, 3 (11), 1361-1365.
16. Mohd Imran, Ozair Alam and **Abida**, Synthesis and antimicrobial activity of some 2-Piperidinomethylamino-4-(7-H/substituted coumarin-3-yl)-6-chlorosubstitutedphenyl pyrimidines, Tropical Journal of Pharmaceutical Research, September 2016; 15 (9): 1955-1965.

17. Ishraga Eltayeb M. A-Elbasit, **Abida**, Ahlam Gwibir Sadah Alanazi, Dalia Amir Abdullah, Awareness About the Drug Safety and Medication Use Among the Pregnant Women of the Northern Border Region of Saudi Arabia, *Journal of Pharmaceutical Sciences*, October 2016, 3 (9), 1054-1061.
18. Faiyaz Shakeel, Mohd. Imran, **Abida**, Nazrul Haq, Fars K. Alanazi, Ibrahim A. Alsarra, Solubility and thermodynamic/solvation behavior of 6-phenyl-4, 5-dihydropyridazin-3(2H)-one in different (Transcutol + water) mixtures, *Journal of Molecular Liquids*, January 2017; 230 (2017): 511–517.
19. Nouf Dughayshim Alshammari, **Abida**, Mohd. Imran, Souha Albolbol, Ishraga Eltayeb M. A-Elbasit, Analysis of the interaction between warfarin and some antibiotics in older patients at a tertiary hospital of dhahran: A retrospective cohort study, *Indo American Journal of Pharmaceutical Sciences*, April 2017; 4 (04), 888-896.
20. Badriah Ghadeer Alshammari, Mohd. Imran, **Abida**, Ishraga Eltayeb M. A-Elbasit, Assessment of the Perception and Satisfaction of the General Public of the Northern Border Region of Saudi Arabia towards the Responsibilities and Services Provided by the Pharmacists, , *Indo American Journal of Pharmaceutical Sciences* April, 2017, 4 (04), 879-887.
21. Mohd Imran, Nazrul Haq, **Abida**, Fars K. Alanazi, Ibrahim A. Alsarra, Faiyaz Shakeel, Solubility and thermodynamics of 6-phenyl-4,5-dihydropyridazin-3(2H)-one in various neat solvents at different temperatures, *Journal of Molecular Liquids*, May 2017; 238 (2017) 455–461.
22. Mohd Imran, Mohammed Afroz Bakht, Abdul Samad and **Abida**, Synthesis of some quinoline-pyrazoline-based naphthalenyl thiazole derivatives and their evaluation as potential antimicrobial agents, *Tropical Journal of Pharmaceutical Research*, May 2017; 16 (5): 1147-1155.
23. Nayeem N, Imran M, **Abida** and Alam T, Physicochemical screening, thin-layer chromatographic studies and UV analysis of lactuca serriola, *International Journal of Biology, Pharmacy and Allied sciences*, May 2018; 7 (5): 732-739.
24. Asif M and **Abida**, A mini review on thiadiazole compounds and their pharmacological interest, *International Journal of Pharmaceutical Chemistry and Analysis*, 2018; 5(4): 156-164.
25. Mohammad Asif and **Abida**, A mini review on biological potential of 1,3,4-oxadiazole derivatives, *International Journal of Pharmaceutical Chemistry and Analysis*, Dec 2018; 5(4): 179-187.
26. Mohammad Asif, **Abida** and Md. Tauquir Alam, The potential role of Thioridazine in the treatment of tuberculosis, *International Journal of Medicine Sciences*, Jan 2019, 1(1), 1-7
27. Mohammad Asif, **Abida** and Md. Tauquir Alam, Brief overview on Biological Potential of Various Substituted Phthalazine and Phthalazine Analogues, *Journal of PharmaSciTech*, Feb 14, 2019; 8(2)

28. Mohammad Asif, **Abida** and Md. Touquir Alam, An Overview on Execution of Green Chemistry as an Alternative Technique in Organic Synthesis, *Journal of Advances in Pharmacy Practices*, July 2019, 1(2), 29-35.
29. **Abida**, Md. Tauquir Alam and Mohammad Asif, Pharmacological Activities of Pyridazine and Pyridazinone Derivatives: A Review on Biologically Active Scaffold, *South Asian Research Journal of Pharmaceutical Sciences*, July 2019, 1(1), 16-37.
30. Mohammad Asif, **Abida**, Mohd Imran, Study of Various Fused Heterocyclic Pyridazine Derivatives as Potent Anticancer Agents: A Brief Overview, *Acta Scientific Pharmaceutical Sciences*, August 2019, 3(9), 43-49.
31. **Abida**, Anupama Diwan, Hamdy K Thabet, Mohd Imran, Synthesis of some pyridazine derivatives as antioxidants and antimicrobial agents, *Tropical Journal of Pharmaceutical Research*, December 2019, 18(12), 2633-2641. DOI: <http://dx.doi.org/10.4314/tjpr.v18i12.24>.
32. Mohammad Asif, **Abida**, Mohd. Imran, Synthesis, characterization and antitubercular activity of 6-(aryl)-2(substituted methyl)-4,5-dihydro(2H)pyridazin-3-one derivatives against mycobacterium tuberculosis H₃₇RV, *International Journal of Pharmaceutical Sciences and Research*, Feb 2020, 11(2), 826-831.
33. **Abida Khan**, Anupama Diwan, Hamdy Kh. Thabet, Mohd Imran, Md. Afroz Bakht, Discovery of Novel Pyridazine-Based Cyclooxygenase-2 Inhibitors with a Promising Gastric Safety Profile. *Molecules*, April 2020, 25(9), 2002. <https://doi.org/10.3390/molecules25092002>.
34. **Abida Khan**, Anupama Diwan, Hamdy K Thabet, Mohd Imran, Synthesis of novel N-substitutedphenyl-6-oxo-3-phenylpyridazine derivatives as cyclooxygenase-2 inhibitors, *Drug Development Research*, August 2020, 1– 12. <https://doi.org/10.1002/ddr.21655>.
35. Imran M, Bakht MA, **Abida**, Alam MT, Anouar EH, Alshammari MB, Ajmal N, Vimal A, Kumar A, Riadi Y, An Improved Synthesis of Key Intermediate to the Formation of Selected Indolin-2-ones Derivatives Incorporating Ultrasound and Deep Eutectic Solvent (DES) Blend of Techniques, for Some Biological Activities and Molecular Docking Studies, *Molecules*. March 2020 25(5):1118. doi: 10.3390/molecules25051118.
36. Imran M, Bukhari K, Alshrari, AS, Hussain Shah SS, **Abida**, Bawadekji A, Molecular Docking Based Drug Repurposing Study of Antiviral Drugs against COVID-19 Virus Spike Receptor Binding Domain, *Pakistan Journal of Medical and Health Sciences*. September 2020;14(3):1040-1043.
37. Asif M, **Abida**, Alam MT, Pyridazinone Compounds: A Mini review on their antifungal activities, *Int. J. New. Chem.*, 2020 March;7(4):303-317. <https://doi.org/10.22034/ijnc.2020.115500.1058>.

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39. Imran M, Alshrari AS, Asdaq SMB, **Abida**, Trends in the development of remdesivir based inventions against COVID-19 and other disorders: A patent review. *J Infect Public Health.* 2021 June;14(8):1075-1086. doi: 10.1016/j.jiph.2021.06.013.
40. Asif M, Imran M and **Abida**, Antimicrobial Activities of Various Thiazine Based Hetrocyclic Compounds: A Mini-Review. *Mini-Reviews in Organic Chemistry.* 2021 June 1;19(2):166-172. <https://doi.org/10.2174/1570193X18666210629102447>.
41. Imran M, A S A, Tauseef M, Khan SA, Hudu SA, **Abida**, Mucormycosis medications: a patent review. *Expert Opin Ther Pat.* 2021 June ;31(11):1059-1074. doi: 10.1080/13543776.2021.1939308.
42. Imran M, Asdaq SMB, Khan SA, Unnikrishnan Meenakshi D, Alamri AS, Alsanie WF, Alhomrani M, Mohzari Y, Alrashed A, AlMotairi M, Alkhaldi EH, Alorabi AK, Alshrari AS, Tauseef M, **Abida**, Alaqel SI, Alam O, Bakht MA, Innovations and Patent Trends in the Development of USFDA Approved Protein Kinase Inhibitors in the Last Two Decades. *Pharmaceuticals (Basel).* 2021 Jul 22;14(8):710. doi: 10.3390/ph14080710.
43. Imran M, Kumar Arora M, Asdaq SMB, Khan SA, Alaqel SI, Alshammari MK, Alshehri MM, Alshrari AS, Mateq Ali A, Al-Shammeri AM, Alhazmi BD, Harshan AA, Alam MT, **Abida**, Discovery, Development, and Patent Trends on Molnupiravir: A Prospective Oral Treatment for COVID-19. *Molecules.* 2021 Sep 24;26(19):5795. doi: 10.3390/molecules26195795.
44. Syed Mohammed Basheeruddin Asdaq, Naira Nayeem, **Abida**, Md. Tauquir Alam, Saleh I. Alaqel, Mohd. Imran, El-Waleed Elamin Hassan, Syed Imam Rabbani, Tectona grandis L.f: A comprehensive review on its patents, chemical constituents, and biological activities, *Saudi Journal of Biological Sciences.* 2021 Nov;29(3):1456-1464. <https://doi.org/10.1016/j.sjbs.2021.11.026>.
45. Alshammari AA, **Abida** and Eltaib L, Prevalence of Overweight and Obesity among the visitors of Prince Sultan Military Medical City. *Pakistan Journal of Medical and Health Sciences.* 2022 Jan;16(1):656-658.
46. Imran M, Khan SA, **Abida**, Alshrari AS, Mudawi MME, Alshammari MK, Small Molecule as Kinetoplastid Specific Proteasome Inhibitors for Leishmaniasis: A Patent Review from 1998-2021. *Expert Opinion on Therapeutic Patents.* 2022 Mar 11; 32(5):591-604. Doi:10.1080/13543776.2022.
47. Imran M, Khan SA, **Abida**, Alshammari MK, Alkhaldi SM, Alshammari FN, Kamal M, Alam O, Asdaq SMB, Alzahrani AK and Jomah S, Nigella sativa L. and COVID-19: A Glance at The Anti-

- COVID-19 Chemical Constituents, Clinical Trials, Inventions and Patent Literature. *Molecules*. 2022 Apr 25;27(9):2750. <https://doi.org/10.3390/molecules27092750>.
48. Imran M, Thabet HK, Alaqel SI, Alzahrani AR, **Abida A**, Alshammari MK, Kamal M, Diwan A, Asdaq SMB and Alshehri S, The Therapeutic and Prophylactic Potential of Quercetin against COVID-19: An Outlook on the Clinical Studies, Inventive Compositions and Patent Literature. *Antioxidants*. 2022 Apr 29;11(5):876. <https://doi.org/10.3390/antiox11050876>.
 49. Chaudhary A, Tomar R, Asdaq SMB, Imran M, Alaqel SI, Alamri AS, Alsanie WF, Alhomrani M, Arora M K, Bisht D, Dua K, Arya RKK, Singh S, Nayeem N and **Abida**, In silico screening of phytochemicals as potential inhibitors of sars-cov-2 mpro and human ace-2. *International Journal of Pharmacology*, 2022;18(1):104-115. DOI: 10.3923/ijp.2022.104.115
 50. Alshammari M K, Algazwni M K, Alharbi A S, Alqurashi G G, Kamal M, Alnufaie S R, Alshammari S S, Alshehri B A, Tayeb R H, Bougeis R A, Aljehani A A, Alotaibi N M, **A Abida**, Imran M, Nanoplatform for the delivery of topotecan in the cancer mi-lieu: An appraisal of its therapeutic efficacy, *Cancer*, 2022 December 22;15(1):65. <https://doi.org/10.3390/cancers15010065>.
 51. Aiman S, Alzahrani A K, Ali F, **Abida**, Imran M, Kamal M, Usman M, Thabet H, K, Li C, Khan A, Comparative proteomics and Genome-wide drug ability analyses prioritized promising therapeutic targets against drug-resistant *Leishmania Tropica*, *Microorganism*, 2023 Jan 16;11(1);228. <https://doi.org/10.3390/microorganisms11010228>
 52. Imran M, Alshammari M, K, Arora M, K, Dubey A, K, Das S, S, Kamal M, Alqahtani A, S, Sahloly M, A, Alshammari A, H, Alhomam H, M, Mahzari A, M, **Abida**, Rabaan A, A, Dzinymarira T, Oral Brincidofovir Therapy For Monkeypox Outbreak: A Fo-cused Review on the Therapeutic Potential, Clinical Studies, Patent Literature, and Prospects. *Biomedicines*, 2023 Jan 19; 11(2);278. <https://doi.org/10.3390/biomedicines11020278>.
 53. Sahab M, Alzahrani A K, Duan X, Aslam M, **Abida**, Imran M, Kamal M, Alam M, T, Zheng G, An immunoinformatics approach to design noval and potent multi-epitope based vaccine to target lumpy skin disease, *Biomedicine*, 2023, Jan 26;11(2);398. <https://doi.org/10.3390/biomedicines11020398>.
 54. Alshammari M K, Almomen E Y, Alshahrani K F, Altawalah S F, Kamal M, Twallah M F, Alsanad S H, Al-Batti M H, Al-Rasheed F J, Alsalamah A Y, Alhazza M B, Alasmari F A, **Abida**, Imran M, Nano-enabled strategies for the treatment of lung cancer: potential bottlenecks and future perspectives, *Biomedicines*, 2023, Feb 6;11(2), 473. <https://doi.org/10.3390/biomedicines11020473>.

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56. Imran M, **Abida**, Alotaibi N M, Thabet H, K, Alruwaili J A, Asdaq S M B, Eltaib L, Alshehri A, Saiari A A, Almeahmadi M, Alshammari A B H, Alshammari A, M, QcrB inhibition as a potential approach for the treatment of tuberculosis: A review of recent developments, patents, and future directions, *Journal of infection and public health*, 2023, April;16(6), 928-937. <http://doi.org/10.1016/j.jiph.2023.04.011>.
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61. Sarfraz M, **Abida Khan**, Batiha G E, Akhtar M F, Saleem A, Ajiboye B O, Kamal M, Ali A, Alotaibi N M, Aaghaz S, Siddique M I, Imran M, Nanotechnology-Based Drug Delivery Approaches of Mangiferin: Promises, Reality and Challenges in Cancer Chemotherapy, *Cancers*, 2023, August 21;15(16), 4194, <https://doi.org/10.3390/cancers15164194>.
62. Sarfraz M, Arafat M, Zaidi S H, Eltaib L, Siddique M I, Kamal M, Ali A, Asdaq S M B, **Abida Khan**, Aaghaz S, Alshammari M S, Imran M, Resveratrol-Laden Nano-Systems in the Cancer

Environment: Views and Reviews, Cancers, 2023, September 10;15(18), 4499
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63. Imran M, **Abida Ash Mohd**, Nayeem N, Al-Otaibi N M, Homoud M, Alshammari M T, Synthesis and Cyclooxygenase-2 Inhibitory Activity Evaluation of Some Pyridazine Derivatives. *Orient Journal of Chemistry*, 2023, October 31;39(5), 113, <http://dx.doi.org/10.13005/ojc/390504>
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70. Thabet H K, Ragab A, Imran M, Helal M H, Alaqel S I, Alshehri A, **Abida Ash Mohd**, Alshammari S S, Ammar Y A, Abusaif M S. Innovation of 6-sulfonamide-2H-chromene derivatives as antidiabetic agents targeting α -amylase, α -glycosidase, and PPAR- γ inhibitors with *in silico* molecular docking simulation. *RSC Advances*. 2024; 14(22): 15691-15705. doi: 10.1039/d4ra02143f.

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172. **Abida Khan**, Heavin Hannan, Howayada Mahany Mostafa, Yahia Hassan Ali, Intisar Kamil Saeed, Mohd Imran, Muhammad Irfan Siddique, Sachin Kumar, Antimicrobial Activity of Butea monosperma Lam. Flower Extract against Gram-positive and Gram-negative Bacteria, Asian Journal of Pharmaceutical Research and Health Care, 2026 March, DOI: 10.4103/ajprhc.ajprhc_161_25
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174. Pranay Wal, Poorvi Grover, Abdul Ajeed Mohathasim Billah, **Abida Khan**, Chetan IA, Muhammed Ameen MP, Uttam Prasad Panigrahy, Amin Gasmi, Integrative Therapeutic Strategies for Diabetes-induced Cognitive Decline (DCI): Role of Mechanistic Targets and Nutritional Modulation, Current Signal Transduction Therapy (Accepted)
175. Abdullah r. Alzahrani, Zia Ur Rehman, Talha Jawaid, **Abida Khan**, Predictive Bioactivity Modelling and Structural Binding Analysis for the identification of Potential SMYD3 Modulators, Molecular Diversity (Accepted)

GRANTED PATENTS / PUBLISHED AND FILED PATENT APPLICATIONS

1. Mohd. Imran, **Abida**, Naira Nayeem, Tauquir Alam, Novel pyridazinone derivatives and process for their preparation, PCT International Publication Number **WO2019/202607A1**.
2. **Abida**, Annupama Diwan, Hamdy K. Thabet, Mohd Imran, Novel 4-(6-oxo 3-substitutedphenylpyridazin-1(6H)-yl) benzaldehydes of Pharmaceutical Interest, PCT International Publication Number **WO2021/124346A1**.
3. **Abida**, Anupama Diwan, Hamdy K. Thabet, Mohd Imran, Pyridazine Derivatives and their use as Cyclooxygenase-2 Inhibitors, PCT International Number **WO2021/124344A1**.
4. **Abida**, Anupama Diwan, Hamdy K. Thabet, Mohd Imran, and Md. Afroz Bakht, 6-oxo-3-Phenylpyridazine Based Cyclooxygenase-2 Inhibitors for the Treatment of Inflammatory Disease, PCT International Number **WO2021/186458A1**.
5. Mohd Imran, **Abida Ash Mohd**, Mohammad Tauquir Alam, Northern Border University. Morpholinyl-phenylamino-thiazole derivatives as DNA gyrase inhibitors. **German Patent Number DE202023102123U1**.
6. Mohd Imran, **Abida Ash Mohd**, Mohammed Sanad Alshammari, Nizal Khalf Alshammry, Faheed Ashawi Alrslani, Muteb Eid Alshammari, Rakan Nazal Alanazi, Northern Border University. Smart skin diseases detection medical device. **UK Design Patent Number UK6310409**.
7. Mohammed Sanad Alshammari, Mohd Imran, **Abida Ash Mohd**, Ahmed Mershed Alhomoud, Muteb Eid Alshammari, Ahmad Abdullah Alshammari, Aadil Rghailan Alshammari, Northern Border University. Smart vest to detect fluid in lungs. **UK Design Patent Number UK6310410**.
8. **Abida Ash Mohd**, Mohd Imran, Noura Yousif Alnaser, Shams Saud Altimyat, Northern Border University. Composition and method for synthesizing isoniazid-pyridazinone based DPRE1 inhibitors as anti-tubercular agents. **South African Patent Number ZA202309585B**.
9. Syeda Huma Haider Zaidi, **Abida Ash Mohd**, Mohd Imran, Northern Border University. A composition for synthesizing triazole-pyridazinone hybrid compounds as inhibitors of sterol 14 α -demethylase. **German Patent Number DE202023106041U1**.
10. Mohd Imran, **Abida Ash Mohd**, Naira Nayeem, Malik Homoud, Muhannad Thafi Alshammari, Northern Border University. System to Synthesize Pyridazine Derivatives as Cyclooxygenase-2 Inhibitors and Evaluate Inhibitory Activity of the Derivatives. **German Patent Number DE202023105805U1**.

11. Muhammad Irfan Siddique, Lina Eltaib, Mashael Alanazi, Fadiyah Jadid Alanazi, Alfraih Abdulaziz Nasser, Eid Semer Alatwi, Saleh Ibrahim Alaqel, **Abida Ash Mohd**, Mohd Imran, Northern Border University. Portable Viscometer For Predicting Nanogel Viscosity. **UK Design Patent Number UK6401901**.
12. Mohd Imran Raheem Baksh, Hamdy Khamees Thabet Salem, **Abida Ash Mohd**, Saleh I. Alaqel, Md Tauquir Alam, Khattab Fahed Alfrah, Razan Helal Alenzi, Northern Border University. Novel Acrylamides as Antimicrobial Agnts. **Saudi Arabian Patent Application Number SA1020247567 (Filed on December 29, 2024)**
13. Lina Eltaib, Hanan Alshammari, Anoud Saud Alshammari, **Abida Ash Mohd**, Hind Rikabi, Samreen Soomro, Naira Nayeem Akmal, Abdulrahim Altoam Alzain, Eman Mhammed Abdulkarimeem, Mohd. Imran. Portable Biomedical Refrigerator for Vaccine Storage. **Australian Design Patent Number AU202419116**
14. Mohd Imran, **Abida Ash Mohd**, Alfraih Abdulaziz, Maram Hussen Abduljabbar, Reem Mohammed Alnemari, Atiah Hassan Almalki, Saleh Ibrahim Alaqel, Syeda Huma Haider Zaidi, Syed Mohammed Basheeruddin Asdaq, Md Afroz Bakht. Parrallel Synthesizer for Combinatorial Chemistry. **Japan Patent Number JP3250992U**
15. Saleh Ibrahim Alaqel, **Abida Ash Mohd**, Syed Mohammed Basheeruddin Asdaq, Alfraih Abdulaziz Naseer, Ahmed Mohammed Aljameelli, Khalid Hassan Almohammed, Fadiyah Jadid Alanzi, Hayat Ali Alzahrani, Syed Raziuddin Quadri, Md Afroz Bakht, Muhammad Irfan Siddique, Mohd Imran. Device for detection of neurological disorder. **Australian Design Patent Number AU202510747**.
16. Lina Eltaib, Mashael Naif Alanzi, **Abida Ash Mohd**, Ahmad Alshammari, Hind Abdalmajeed Rikabi, Amani Ahmed Osman Ali, Saja Farhan, Amal Sulaiman Alanzi, Mawahib Mokhtar, Mohd Imran. Artificial Intelligence-Driven Robotic Drug Delivery System. **Japan Patent Number JP3250818U**
17. Yahia Said, **Abida Ash Mohd**, Taoufik Salem Saidani, Refka Ghodbani, Ahmed Alsheikhy, Husam Lahza, Tawfeeq Shawly, Mohd Imran. Robotic Diagnostic Imaging and Analysis System. **Japan Patent Number JP3251040U**.
18. Yahia Said, **Abida Ash Mohd**, Taoufik Salem Saidani, Refka Ghodbani, Tawfeeq Shawly Husam Lahza, Ahmed Alsheikhy, Mohd Imran. Artificial Intelligence-Driven Robotic Diagnostic Imaging Scanner. **Japan Patent Number JP3251041U**.
19. Muhammad Sarfraz, Muhammad Irfan Siddique, **Abida Khan**, Hayat Ali Alzahrani, Shata Ghazi Felemban, Mater Hussen Mahnashi, Yahia Said, Mohd Imran. Nanoparticle-Mediated

Targeted Drug Delivery Robotic System for Precision Therapy in Breast Cancer. **Japan Patent Number JP3251533U.**

20. Dr Hafiz Amir Ali Khari, Ajay Yadav, Dr. Sanmmati Kumar Jain, Mohd Imran, Dr Reyaz Hassan Mir, **Abida Khan**, Amrik Kapoor, Md Imran Alam, Mukesh Kumar, Rishav Raj, A Design Patent for Pharmaceutical. **Indian Design Patent Number 454293-001.**
21. Mohd Imran, **Abida Ash Mohd**, Hamdy Khamees Thabet, Md Afroz Bakht, Syed Mohammed Basheeruddin Asdaq, Naira Nayeem, Md Tauquir Alam, Muhammad Wahab Amjad, Maria Abdul Ghafoor Raja, AlAnood Waslullah T. AlHjajji. Pyridazine-based Pyridine Derivatives As Biologically Active Agents. **United States Patent Application Publication Number US20250115573A1.**
22. Yahia Said, **Abida Khan**, Taoufik Saidani, Refka Ghodhbani, Ahmed Mohammed Aljameeli, Saleh Olayan Alaswad, Zia Ur Rehman, Mohd Imran. System for AI-Assisted Identification and Synthesis of Novel Drug Candidates. **South African Patent Application Number 2025/03357.**
23. Yahia Said, **Abida Khan**, Taoufik Saidani, Refka Ghodhbani, Muhammad Sarfraz, Alfraih, Abdulaziz Nasser, Zia Ur Rehman, Mohd Imran. System for Real-Time Drug Interaction Warnings Using AI-Powered Analysis. **German Patent Number DE202025102210U1.**
24. Hayat Ali Alzahrani, **Abida Khan**, Mohammed Afroz Bakht, Syed Mohammed Basheeruddin Asdaq, Tafadzwa Dzinamarira, Mathias Dzobo, Mohammad Irfan Siddique, Mohd Imran, Apparatus for Rapid Identification of Pathogenic Bacterial Strains Using Spectral Fingerprinting. **German Patent Number DE202025102584U1**
25. Hayat Ali Alzahrani, Mohammed Aljuwayd, **Abida Khan**, Md Afroz Bakht, Syed Mohammed Basheeruddin Asdaq, Tafadzwa Dzinamarira, Mathias Dzobo, Mohd Imran. Apparatus for quantitative assessment of bacterial biofilm formation on biomedical surfaces. **South African Patent Application Number 2025/03917.**
26. **Abida Khan**, Zia ur Rehman, Muhammad Sarfraz, Mohd Imran, Muhammad Irfan Siddique. Formulation Development of Solid Lipid Nanoparticles for Diabetic Neuropathy. **Canadian copyright number 1232617.**
27. **Abida Khan**, Bandar Theyab Alenezi, Muhammad Khan Sarfraz, Mosab Arafat, Zia Ur Rehman, Muhammad Irfan Siddique, Faiyaz Shakeel, Syed Mohammad Basheeruddin Asdaq, Seema Garg, Mohd Imran. Immediate Release Amlodipine Ubiquinone Composition for Enhanced Immunomodulatory Activity. **United States Patent Application Number 19/438692.**

28. **Abida Khan**, Ziz ur Rehman, Abuzer Ali, Amena Ali, Neelam Singla, Yahia Said, Mohammed Zawiah, Mohd Imran. Self-Adjusting Insulin Delivery Pen with Dose Calibratation Mechanism. **UK Design Patent Number 6510793.**
29. Yahia Said, Hela Elmannai, Ahmed Abdullah Alsheikhy, Abdulrahman Alzahrani, Abdulbasit Abdullah Darem, Meshari Alanazi, Asma Ahmed Alhashmi, Abdallah Namoun, Shaaban Mohammed, Taoufik Saidani, **Abida Khan**, Mohd Imran. **United States Patent Application Number 19/561467.**
30. **Abida Khan**, Muhammad Sarfraz, Bander Theyab Alenezi, Faiyaz Shakeel. Mucoadhesive Buccal Drug Delivery Device. **UK Design Patent Number 6508922.**
31. Mohd Imran, **Abida Khan**, Howayada Manany Mostafa, Abuzer Ali, Amena Ali, Hamdy Khamees Thabet, Md. Afroz Bakht. Continuous Flow Microreactor for Pharmaceutical Synthesis. **UK Design Patent Number 6514628.**

UNIVERSITY PROJECTS

PRINCIPAL INVESTIGATOR			
Project Number	Agency	Title	Status
PHAR-2023-12-2377	Northern Border University	Discovery of New Isoniazid Derivatives As Anti-tubercular Agents: <i>In Silico</i> Studies, Synthesis, and <i>In Vitro</i> Activity Evaluation	Completed
NBU-CRP-2025-2042	Northern Border University	Research Project Funding Agreement Within the Center's Research Program	Completed
NBU-CRP-2026-2042	Northern Border University	Research Project Funding Agreement Within the Center's Research Program	In Progress
CO-INVESTIGATOR			
PHAR-2022-11-1393	Northern Border University	<i>In Silico</i> Studies Assisted the Design, Synthesis, and Discovery of Biologically Active Isatin Derivatives	Completed
RG-NBU-2022-1598	Northern Border University	Drug Discovery and Development Against Infectious Disease	Completed
RG-NBU-2022-1705	Northern Border University	Drug Discovery and Development (Diabetes)	Completed
SCIA-2023-12-2264	Northern Border University	Design, <i>In Silico</i> Studies, and Synthesis of Some Azole Derivatives As Antimicrobial Agents	Completed
PHAR-2023-12-2272	Northern Border University	Synthesis and Cyclooxygenase-2 Inhibitory Activity Evaluation of Some Pyridazine Derivatives	Completed

OUTSIDE UNIVERSITY PROJECTS

CO-INVESTIGATOR			
Project Number	Agency	Title	Status

KSRG-2024-231	King Salman Center for Disability Research, Saudi Arabia	Stroke Innovation and Therapeutics Research Group	Completed
KSRG-2024-088	King Salman Center for Disability Research, Saudi Arabia	Mycobacterium Research and Innovation Group	Completed

CERTIFICATE COURSES FROM ELSEVIER / SPRINGER WEBINARS

1. **Abida Khan**, “Evidence-Based Medicine for Clinical Practice, ClinicalKey,” at Northern Border University, held on 07 April 2020, presented by Sherif Onsy, Account Development Manager for MEA.
2. **Abida**, “Postmarketing Drug Safety Compliance: 2019 Inspection Findings Webinar,” held on 29 April 2020, presented by USFDA.
3. **Abida Khan**, “AI in Healthcare,” on May 5, 2020.
4. **Abida**, “Live Webinar on Hyperkalemia,” held on 8 May 2020, by the Saudi Heart Association.
5. **Abida**, “Live Webinar Iron Deficiency Anemia in Heart Failure,” held on 13 May 2020, by the Saudi Heart Association
6. **Abida**, “Live Webinar on Cardiology Challenges: How to Tackle,” held on 15 May 2020, by the Saudi Heart Association.
7. **Abida Ash Mohd**, “FDA Drug Topics: FDA’s Bad Ad Program,” held on 19 May 2020, presented by USFDA.
8. **Abida Ash Mohd**, “Focus on Peer Review: A Nature Masterclasses online course,” held on 21 May 2020, presented by Springer Nature.
9. **Abida Khan**, “National Webinar on Safe Disposal of Expired and unused Medicine” held on 21 May 2020, presented by Society of Pharmaceutical Sciences and Research (SPSR) in association with ISF College of Pharmacy, Moga, Punjab, India.
10. **Abida Ash Mohd**, “Pharmaceutical Patent Drafting” organized by Amity Institute of Pharmacy, Health & Allied Sciences Domain, held on May 26, 2020, presented by Amity University Uttar Pradesh, Noida, India.

11. **Abida Ash Mohd**, “Monograph reform is here, Learn how to prepare,” held on May 29, 2020, presented by USFDA.
12. **Abida Ash Mohd**, “Insights into Patent Filing Procedure for Researchers,” held on May 30, 2020, presented by Career Point School of Pharmacy, Career Point University, Kota, Rajasthan, India.
13. **Abida**, “Empowering pharmacists for next generation: To improve health and wellness,” held on May 30-31, 2020, presented by the Society of Pharmaceutical Education and Research
14. **Abida Khan**, “The Article Publishing Process: An Elsevier Author Workshop (120 minutes),” held on 01 June 2020, presented by Mary Ann Zimmerman, Senior Publisher, Theren Mohan, Solutions, Sales Manager – eBooks.
15. **Abida Khan**, “The Book Publishing Process: An Elsevier Author Workshop (120 minutes),” held on 03 June 2020, presented by Stacy Masucci, Publisher, Translational Medicine, Elsevier, Theren, Mohan, Solutions Sales Manager – eBooks.

SEMINAR/CONFERENCES/SYMPOSIA/WORKSHOPS ATTENDED

1. Attended “KSAPT 2021- Reimaging the Future of Pharmacy and Toxicology” from 27th November to 2nd December, 2021, Al Khobar, Saudi Arabia.
2. Attended “Faculty Development Program (FDP)” on “Herbal Nanopharmacology” from July 15 to July 19, 2019, at KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad (India).
3. Symposium on “Continuous Medical Education on Designing pharmacotherapy plan for special population: Pediatrics, Geriatrics, Pregnancy and Lactating Women”, 12th March 2019, held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
4. Symposium on “Continuous Medical Education on Research Methodology”, 13th November 2018, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
5. National conference on “Emerging Trends in Computational Drug Discovery” organized by KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad (India) on 16th & 17th August 2018.
6. Workshop entitled “How to Design Future Drugs” in ETCDD-2018, organized by KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad (India), in collaboration with Zastra Innovations Pvt. Ltd., Bengaluru, on 17th August 2018.
7. Workshop on SHMS, 22nd May, 2018, held at Northern Border University, Rafha, KSA.
8. Workshop on Blackboard training, 31st Jan, 2018, held at Northern Border University, Rafha, KSA.

9. User and operation Training course of Anton Paar's MCP 200 Modular Circular Polarimeter, 10th Dec, 2017, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
10. Symposium on "Continuous Medical Education on Are patients safe in our hands?" A symposium on medication errors, 5th December 2017, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
11. Program in Application of Pharmaceutical and Medicinal Chemistry, 5-9 November 2017, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
12. User and Operation Training course of Compact Titrator, 25th Sep, 2017, held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
13. Northern Region Conference of Indian Pharmacological Society, NRIPSCON 2017 on "Emerging Trends in Pharmacology and Pharmacy Practice", 1st and 2nd September, 2017 at KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad, India.
14. Pre-Conference Workshop of Northern Region Conference of Indian Pharmacological Society, NRIPSCON 2017, 31st August 2017, at KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad, India.
15. National seminar on "Challenges and Opportunities in Nanoparticles", 18th August 2017, at RAM-EESH Institute of Vocational and Technical Education, Greater Noida, India.
16. Workshop on SHMS, June 2017, held at Northern Border University, Rafha, KSA.
17. Workshop on Blackboard training, May 2017, held at Northern Border University, Rafha, KSA.
18. Symposium on "Continuous Medical Education: Ethical and regulatory aspects of preclinical and clinical research", 25th April 2017, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
19. Symposium on Continuous Medical Education on "Recent advances in the treatment of Diabetes Mellitus", 27th Dec, 2016, held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
20. Workshop on Learning Management System and E-Learning, 28th-29th August 2016, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
21. Workshop on Learning Management System and E-Learning, 25th August 2016, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
22. Workshop on Learning Management System and E-Learning, 21st August 2016, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
23. Workshop on setting up a course and managing the content area in the Blackboard, 17th August 2016, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.

24. National Seminar on “Advances in Technology: Regulatory and Clinical Aspects in Controlled Drug Delivery System”, 15th July 2016, held at Delhi Pharmaceutical Sciences & Research University, New Delhi, India.
25. Workshop on E-courses design using Lectora Inspire 12, 11th -13th Nov 2015, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
26. Workshop on Problem-Based Learning, 10th May 2015, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
27. Workshop on “Pharmacokinetics and Nonmem”, 13th April 2015, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
28. Workshop on “Principles and Applications of Radiopharmacy”, 12th April 2015, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
29. Workshop on “Clinical Trials”, 21st Dec 2014, held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
30. Seminar on “Pharmaceutical chemistry and Pharm D Program”, 9th Dec 2014, held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.
31. Workshop on Saudi Digital Library, 28th Jan 2014, held at Northern Border University, Rafha, KSA.
32. Workshop on EBSCO and AskZad, 15th Jan 2014, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.
33. Workshop on Saudi Digital Library, 4th Nov 2013, held at Northern Border University, Rafha, KSA.
34. First Annual National Convention of Association of Pharmacy Professionals, 7th April 2012 at Hotel Surendra Vilas, Bhopal, India.
35. IPGA-sponsored seminar on “Recent Advances in Drug Development and Research”, 3rd March 2012, held at PDM College of Pharmacy, Sarai Aurangabad, Bahadurgarh, India.
36. ISTE-sponsored seminar on “Recent Advances in Drug Discovery and Design”, March 2011, held at B.S. Anangpuria Institute of Pharmacy, Alampur (Faridabad), India.
37. IPGA sponsored seminar on “Pharmaceutical Research and Development: Challenges and Opportunities”, 15th January 2011, held at the Advanced Institute of Pharmacy, Palwal, India.
38. Seminar on “Redefining Pharmacy Education in India”, 2009 at FICCI Federation House, New Delhi, India.
39. ISTE Sponsored Short Term Training Programme on “Recent Advances in Drug Discovery and Design”, 16th to 20th March, 2009, held at the Advanced Institute of Pharmacy, Palwal, India.

40. ISTE Sponsored Short Term Training Programme on “Recent Trends in Drug Development- A Focus on Novel Drug Delivery Systems”, 2nd-6th February, 2009, held at PDM College of Pharmacy, Sarai Aurangabad, Bahadurgarh, India.
41. 60th Indian Pharmaceutical Congress, 2008, New Delhi- December 12th to 14th, 2008.
42. AICTE Sponsored National Seminar on “Changing Scenario in Drug Regulatory Affairs”, 8th-10th March 2008, held at PDM College of Pharmacy, Sarai Aurangabad, Bahadurgarh, India.
43. National Seminar on “Emerging Trends in Pharmaceutical Education & Research”, 28th April, 2007, held at Lord Shiva College of Pharmacy, Sirsa, India.
44. ISTE Sponsored Short Term Training Programme on “Development and Standardization of Herbal Formulation”, 26th - 30th March, 2007, held at PDM College of Pharmacy, Sarai Aurangabad, Bahadurgarh, India.

ORAL PRESENTATION

1. Participated as a speaker in “KSAPT 2021- Reimagining the Future of Pharmacy and Toxicology” from 27th November to 2nd December, 2021, Al Khobar, KSA.
2. Participated as speaker and demonstrator in the workshop on “FTIR: An Introduction and Demonstration”, 30th January, 2019, conducted by the Department of Chemistry, Faculty of Pharmacy, Northern Border University, Rafha, KSA.
3. Participated as speaker and demonstrator in the workshop on Polarimeter: An Introduction and Demonstration, 22nd March 2018, conducted by the Department of Chemistry, Faculty of Pharmacy, Northern Border University, Rafha, KSA.
4. Participated as a speaker and demonstrator in the workshop on Compact Titrator, 31st Oct, 2017, held at the Faculty of Pharmacy, Northern Border University, Rafha, KSA.

POSTER PRESENTATION

1. **Computer-Aided Designing and Discovery of Isoniazid-Based Small Molecules as Potent Antitubercular Agents** in “ The Annual Conference of SPS entitled (SIPHA: Saudi International Pharmaceutical Science Meeting & Workshop), 22nd- 24th January 2024, Riyadh, KSA
2. **Recent Clinical Findings of Ceftriaxone in Children and Elderly Patients** in “Continuous Medical Education on Designing pharmacotherapy plan for special population: Pediatrics, Geriatrics, Pregnancy and Lactating Women”, 12th March 2019, held at Faculty of Pharmacy, Northern Border University, Rafha, KSA.

3. **“Synthesis, Molecular Modelling Studies and Anti-inflammatory activity of some Pyridazine Derivatives”** in Emerging Trends in Computational Drug Discovery on 16th & 17th August 2018, organized by KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad (India).
4. **“Synthesis and Biological Evaluation of Some Pyridazine Derivatives”** in Northern Region Conference of Indian Pharmacological Society, NRIPSCON 2017 on Emerging Trends in Pharmacology and Pharmacy Practice, 1st and 2nd September, 2017, organized by KIET School of Pharmacy, KIET Group of Institutions, Ghaziabad, India.
5. **“Newer Quinazoline derivatives under clinical trial”** in First Annual National Convention of Association of Pharmacy Professionals held on April 7, 2012, at Hotel Surendra Vilas, Bhopal, India
6. **“Antimalarial drugs: Recent Advances in Drug Discovery and Design”** in ISTE Sponsored seminar on “Recent Advances in Drug Discovery and Design” 16th March, 2011, Organized by B.S. Anangpuria Institute of Pharmacy, Alampur (Faridabad)
7. **“Use of combinatorial approaches for anticancer drug discovery: Recent advances in design and synthesis”** in ISTE Sponsored Short Term Training Programme on “Recent Advances in Drug discovery and Design” 16th to 20th March, 2009, Organized by Advanced Institute of Pharmacy, Palwal
8. **“Achievements and Changes in Antiviral Drug Discovery”** in ISTE Sponsored Short Term Training Programme on “Recent Advances in Drug Discovery and Design” 16th to 20th March, 2009, Organized by Advanced Institute of Pharmacy, Palwal
9. **“A Timed Release and Targeted Drug Delivery System”** in ISTE Sponsored Short Term Training Programme on “Recent Advances in Drug Discovery and Design” 16th to 20th March, 2009, Organized by Advanced Institute of Pharmacy, Palwal
10. **“Method development for Gatifloxacin tablets by RP-HPLC”** In 60th Indian Pharmaceutical Congress, 2008, New Delhi- December 12th to 14th, 2008
11. **“HPLC Assay method development and validation of stability indicating assay method of Oseltamivir API”** in National Seminar on “Emerging Trends in Pharmaceutical Education & Research”, 28th April, 2007 at Lord Shiva College of Pharmacy, Sirsa (Haryana)

SOFTWARE SKILLS

1. Windows 2000 (MS Words, Powerpoint, Excel)

2. ACD Labs, ISIS Draw, ChemBio Chem, and 3-D Chem. Sketch Draw.
3. Molecular Modelling software (MOE, Swiss Dock)
4. Blackboard Learn

PERSONAL DETAILS

- | | |
|---|--|
| 1. Place of birth | : Haryana, India |
| 2. Date of Birth | : 15 th April 1980. |
| 3. Sex | : Female |
| 4. Marital Status | : Married |
| 5. Nationality | : Indian |
| 6. Religion | : Muslim |
| 7. Husband's Name | : Dr Mohd. Imran (PhD in Pharmaceutical Chemistry) |
| 8. Passport No. | : J9494943 |
| 9. Ikama No. (Resident Identity) | : 2355089497 |

Place: (Abida)

Date:

REFERENCES

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