

CURRICULUM VITAE

Dr. (Mrs.) TAMANNA NARSINGHANI

M.Pharm. (Medicinal and Pharmaceutical Chemistry), Ph.D.

Reader

School of Pharmacy

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ACADEMIC CREDENTIALS

Examination	Institute/School	Univ./ Board	Yr. of Passing	Marks (%)	Division
Ph.D.	School of Pharmacy	DAVV, Indore	2017	-	-
M. Pharm (Med. & Pharmaceutical Chemistry)	Dept. of Pharmacy, SGSITS, Indore	RGPV, Bhopal	2003	78.95	Honours (Gold Medalist)
B. Pharm	Dept. of Pharmacy, SGSITS, Indore	RGPV, Bhopal	2001	77.31	Honours (Silver Medalist)
Higher Secondary	Christian Eminent Higher Secondary School, Indore	M.P. Board, Bhopal	1997	83.33	First
High School	Christian Eminent Higher Secondary School, Indore	M.P. Board, Bhopal	1995	77.6	First

ACHIEVEMENTS

- **University Gold Medal** holder in M. Pharm examination-2003
- **GATE SCORE:** 97.97 Percentile (AIR: 69)
- **University Silver Medal** holder in B. Pharm examination-2001

TEACHING EXPERIENCE

18 years at UG level and 17 years 6 months at PG level

Worked as Lecturer at Department of Pharmacy, SGSITS, Indore from July 2003 to November 2006

PAPER PUBLICATIONS

1. **Narsinghani, T.**, Chaturvedi S.C., QSAR analysis of meclofenamic acid analogues as selective COX-2 inhibitors, **Bioorganic and Medicinal Chemistry Letters**, 2006, 16, 461 (ISSN No. 0960-894X, Impact Factor 2015: 2.486).
2. **Prasad, R.K.**, Narsinghani, T. Sharma, R., QSAR analysis of novel N-alkyl substituted isatin derivatives as anticancer agents, **Journal of Chemical and Pharmaceutical Research**, 2009, 1(1), 199 (ISSN No. 0975-7384).
3. Chourey, S., Narsinghani, T. and **Soni, L.K.**, Effect of Allium Sativum on the Pharmacokinetic of Metformin in rat plasma: A herb-drug interaction study, **Der Pharma Chemica**, 2011, 3(2), 287 (ISSN No. 0975-413X).
4. Saxena, C., Narsinghani, T. and **Soni, L.K.**, UV-Spectrophotometric estimation of Ebastine and Phenylephrine Hydrochloride in tablet dosage form using absorption ratio method, *Der Pharmacia Sinica*, 2011, 2(6), 11-16. (ISSN No. 0976-8688).
5. Saxena, C., Narsinghani, T. and **Soni, L.K.**, Development and Validation of UV-Spectrophotometric assay protocol for simultaneous estimation of Ebastine and Phenylephrine Hydrochloride in tablet dosage form using simultaneous equation method, *International Journal of ChemTech Research*, 2011, 3(4), 1918-1925. (ISSN No. 0974-4290).
6. Jain, M., Narsinghani, T., **Soni, L.K.**, Development and Validation of RP-HPLC Method for Simultaneous Estimation of Metformin Hydrochloride and Repaglinide in Tablet Dosage Form, *Journal of Liquid Chromatography and Related Techniques*, 2012, 35:3, 385-392. (ISSN No. 1082-6076, Impact Factor: 0.953)
7. Sethi, A.K. Narsinghani, T., **Soni, L.K.**, Anti-microbial benzimidazole derivatives: synthesis and in vitro biological evaluation, *Med. Chem. Res.*, 2012, 21, 4330-4334. (ISSN No. 1054-2523, Impact Factor 2015: 1.436)
8. **Narsinghani, T.**, Sharma, M.C., Bhargav, S. Synthesis, docking studies and antioxidant activity of some chalcone and aurone derivatives, *Med. Chem. Res.*, 2013, 22 (9): 4059-4068 (ISSN No. 1054-2523, Impact Factor 2015: 1.436)
9. **Soni, L.K.**, Narsinghani, T. and Saxena, C. UV-Spectrophotometric estimation of Ebastine and Phenylephrine Hydrochloride in tablet formulation using Dual wavelength method, *Research Gate: Pharmaceutical Sciences*, 2013, 2, 9-11. (ISSN No. Online: 2319-6831).
10. **Soni, L.K.**, Narsinghani, T. and Jain, R. Synthesis and antibacterial screening of Some 1-Aroyl-3-Aryl Thiourea derivatives, *ISRN Medicinal Chemistry*, Volume 2014, Article ID 393102, 6 pages (<http://dx.doi.org/10.1155/2014/393102>).
11. **Soni, L.K.**, Narsinghani, T. and Saxena, C. Derivative Spectrophotometry method for estimation of Ebastine and Phenylephrine Hydrochloride in tablet formulation, *Research Gate: Pharmaceutical Sciences*, 2014, 2, 20-22. (ISSN No. Online: 2319-6831).
12. Narsinghani, T. and **Sharma, R.** Lead Optimization on Conventional Non-Steroidal Anti-Inflammatory Drugs: An Approach to Reduce Gastrointestinal Toxicity, *Chemical Biology and Drug Design*, 2014, 84, 1-23. (ISSN No. 1747-0285, Impact Factor 2015: 2.802).
13. **Jain, A.**, Parashar, A.K., Nema, R.K. and Narsinghani, T. High Performance Thin Layer Chromatography (HPTLC): A Modern Analytical Tool for Chemical Analysis Current Research in *Pharmaceutical Sciences*, 2014, 04, 08-14 (ISSN No. 2250-2688).

14. **Narsinghani, T.** and Sharma, R. CoMFA, HQSAR, Pharmacophore and Docking studies on Pyridine analogs of nimesulide as Anti-Inflammatory Agents, *Research Journal of Recent Sciences*, 2015, 4(IYSC-2015), 97-104 (ISSN 2277-2502).
15. Jain, H., Dhingra, N., **Narsinghani, T.**, Sharma, R. Insights into the mechanism of natural terpenoids as NF- κ B inhibitors: an overview on their anticancer potential. *Experimental Oncology*, 2016, 38 (3), 158-168. (ISSN No. 1812-9269, 0204-3564).
16. **Narsinghani, T.**, Sharma, R. Synthesis, Anti-inflammatory activities and Docking Studies of Amide derivatives of Meclofenamic Acid, *Chemical Papers*, 2017, 71 (4), 857-868 (ISSN No. 0366-6352, **Impact factor 2015: 1.326**).
17. **Narsinghani, T.**, Soni, L.K., Chourey, S. (2017) Synthesis and Anti-microbial Activity of 1,4-dihydropyridine derivatives, *Journal of Drug Delivery and Therapeutics* 7 (7), 142-145 (ISSN No. 2250-1177).
18. Singh, A., **Narsinghani, T.** Bioanalytical Method Validation: A Comprehensive Assessment of various regulatory guidelines, *Indian Drugs*, Article Accepted.

PAPER PRESENTATIONS

1. **Mehtani, T.**, Chaturvedi S.C., Quantitative Structure Activity Relationship Studies of Some Meclofenamic Acid Derivatives as Selective COX-2 Inhibitors (Poster Presentation), 55th IPC, Chennai-2003, 194.
2. **Narsinghani, T.**, Chaturvedi S.C., Quantitative Structure Activity Relationship Studies of 1,2-Diarylimidazole Derivatives as Selective COX-2 Inhibitors (Poster Presentation), 56th IPC, Kolkata-2004, 188.
3. Jain, R., **Narsinghani, T.**, Soni, L.K, Synthesis and Biological Evaluation of Some 1-Aroyl-3-Aryl Thioureas as Antibacterial Agents (Poster Presentation), 71st FIP, Hyderabad-2011, MPC-13.
4. Narsinghani, T., Sharma, M.C., Bhadouriya, S.S. (2014) Docking Studies on Schiff Base derivatives of 1,3,4-thiadiazole as antimicrobial Agents, MPCST Sponsored National Seminar on 'Recent Frontiers in Drug Delivery and Drug Discovery Research' September 27th, 2014, RKDF Institute of Pharmaceutical Sciences, Indore (M.P.)
5. Patidar, A.P., Narsinghani, T., Sharma, R., (2014) Study of Effect of *Terminalia arjuna* on the Pharmacokinetics of Atorvastatin in Rat Plasma, ICMR Sponsored National Seminar on 'Recent Advances in Pharmacotherapy of Diabetes and Obesity' October 14th 2014, Smriti College of Pharmaceutical Education, Indore (M.P.).
6. **Narsinghani, T.**, Sharma, A., Sharma, R. (2014) Effect of *Trigonella foenum* on the Pharmacokinetics of Paracetamol and Metformin in Rat Plasma (Poster Presentation), International Conference on Emerging Challenges in Biotechnology, Human Health and Environment and 8th Annual Convention of Association of Biotechnology and Pharmacy organized by Devi Ahilya University, Indore between 18th-20th December 2014.
7. **Narsinghani, T.** (2015) CoMFA, HQSAR, Pharmacophore and Docking studies on N-(3-Arylamino-pyridin-4-yl) alkanesulfonamides as pyridine analogs of Nimesulide (Oral Presentation), 1st International Young Scientist Congress and International Workshop on Statistical Skills, Organized by International Science Congress Association at Maharaja Ranjit Singh College of Professional Sciences, Indore on 8th and 9th August 2015.
8. **Narsinghani, T.**, Sharma, M.C, Lohokare, S.(2015) Synthesis and antimicrobial activity of some 1-(2-(ethylamino)-4-methyl-thiazol-5-yl)-3-phenylprop-2-en-1-one derivatives (Poster Presentation) 20th Annual National Convention (APTICON-2015), Organized by

Pharmacy Institutions of Madhya Pradesh at DAVV Auditorium, Indore between 9th-11th October 2015.

9. **Narsinghani, T.** Sharma, R., Patidar, A.P. (2016) Development & Validation of RP-HPLC Method for Simultaneous Estimation of Phenylephrine Hydrochloride, Ambroxol Hydrochloride, Paracetamol & Levocetirizine Dihydrochloride in Tablet Dosage Form (Poster Presentation) International Conference on “Innovations in Pharmaceutical sciences” (ICIPS-2016), Organized by Sri Aurbindo Institute of Pharmacy, Indore on 27th and 28th February 2016.
10. **Narsinghani, T.**, Sharma, M.C, Hussain, Mohd. (2016) Development and validation of UV spectrophotometric assay method for simultaneous estimation of Guaiphenesin, Chlorpheniramine Maleate and Dextromethorphan Hydrobromide in soft gelatin capsule dosage form using simultaneous equation method (Poster Presentation) National Seminar on “Recent Trends and Advancement in Alternatives to Animal Experiments,” Organized by R.K.D.F. Institute of Pharmaceutical Sciences, Indore on 1st October 2016.
11. **Narsinghani, T.**, Soni, L.K., Chourey, S. (2017) Synthesis and Anti-microbial Activity of 1,4-dihydropyridine derivatives (Poster Presentation) First International Conference on “Global Perspective on Multidisciplinary Approaches in Pharmaceutical Sciences” Organized by IPS Academy, College of Pharmacy, Indore on 18th and 19th November 2017.
12. **Narsinghani, T.**, Kulkarni, A., Sharma, R. (2018) Synthesis, *in vitro* evaluation and docking studies of indole-linked chalcones as anti-inflammatory agents (Poster Presentation) International Conference on “Emerging Trends in Drug Discovery and Development” Organized by Department of Pharmaceutical Engineering and Technology, IIT (BHU), Varanasi (U.P.) between 18th-20th January 2018.
13. **Narsinghani, T.**, Dixit, P. (2018) Synthesis and Anti-oxidant Activity of Methoxylated Chalcones (Poster Presentation) AERB Sponsored National Seminar On “Recent Advances and Applications of Radioisotopes in Healthcare” Organized by Institute of Pharmacy, Dr. APJ Abdul Kalam University, Indore on 17th March 2018.
14. **Narsinghani, T.**, Sharma, M.C., Bhadouriya, S.S. (2018) Synthesis and Anti-Microbial Activity of Schiff Base Derivatives of 1.3.4-Thiadiazole (Poster Presentation) National Seminar on “Innovations in Chemical Sciences (ICS-2018) Organized by School of Chemical Sciences, Devi Ahilya Vishwavidyalaya, Indore on 24th March 2018.
15. **Narsinghani, T.**, Sharma, R., Pandit, A. (2018) CoMFA, CoMSIA and Docking Analysis of Chalcones (Poster Presentation) International Conference on “Global Scenario in Pharmaceutical, Industrial and Academic Research” Organized by Faculty of Pharmacy, Dr. A.P.J. Abdul Kalam University, Indore on 26th and 27th May 2018.
16. **Narsinghani, T.**, Pandit, A. (2018) Microwave-Assisted Synthesis and Evaluation of Some Chalcone Derivatives as Anti-Oxidant Agents (Oral Presentation) Innopharm3: 3rd International Conference on “Academic and Industrial Innovations: Transitions in Pharmaceutical, Medical and Biosciences” Organized by Innovare Academic Sciences Pvt. Ltd., Bhopal at Kala Academy, Goa on 23rd and 24th October 2018.

EXPERT/INVITED LECTURES DELIVERED

Invited Lecture on the topic “Principles and Applications of Green Chemistry: A Pharmaceutical Perspective” in MPCST Sponsored National Seminar on “Applications of Green Chemistry in Pharmaceutical Industry” Organized by Lakshmi Narain College of Pharmacy, Indore on 23rd February 2018.

BOOKS PUBLISHED

1. Singh, A., Darwhekar, G., Narsinghani, T. A New Approach to Pharmaceutical Quality Assurance S. Vikas and Company Punjab, 2021, ISBN No. 97815-43343-89-9.
2. Dwivedi, S., Malviya, S., Narsinghani, T. Experimental Pharmacology-I S. Vikas and Company Punjab, 2019, ISBN No. 97815-43343-62-5.
3. Soni, L.K., Narsinghani, T. QSAR in Drug Discovery: Rational Design to Computer Assisted Technique, LAP LAMBERT Academic Publishing, Mauritius 2018, ISBN No. 978-613-7-32998-6.

AWARDS RECEIVED

1. Best Participant (First Prize) in PCI Sponsored Continuing Education Programme on "Innovation and Emerging Trends in Pharmaceutical Teaching, Learning and Research" organized by Swami Vivekanand College of Pharmacy, Indore between 18th - 20th January 2019.
2. Received Certificate of Appreciation for Research for highest citations of research publications during the last five years among Readers of School of Pharmacy from Devi Ahilya Vishwavidyalaya, Indore on 26th January 2017.
3. Special Appreciation Award for Poster Presentation on "Effect of *Trigonella foenum* on the Pharmacokinetics of Paracetamol and Metformin in Rat Plasma" at International Conference on Emerging Challenges in Biotechnology, Human Health and Environment and 8th Annual Convention of Association of Biotechnology and Pharmacy between 18th – 20th December 2014.
4. First Prize for Oral Presentation at ICMR Sponsored National Seminar on 'Recent Advances in Pharmacotherapy of Diabetes and Obesity' on October 14th 2014 organized by Smriti College of Pharmaceutical Education, Indore (M.P.).
5. Special Award for Poster Presentation at MPCST Sponsored National Seminar on 'Recent Frontiers in Drug Delivery and Drug Discovery Research' on September 27th, 2014 organized by RKDF Institute of Pharmaceutical Sciences, Indore (M.P.).
6. Recipient of AICTE Fellowship for GATE (2001-2003)

Ph.D. SUPERVISION

No. of Ph.D. students registered: 05

M.PHARM/B.PHARM. PROJECTS SUPERVISED/CO-SUPERVISED

No. of M. Pharm. students supervising: 03

No. of M. Pharm. students supervised: 25

No. of B. Pharm. students supervised: 47

PROFESSIONAL CONTRIBUTION IN COMMITTEES/COUNCILS ETC.

1. Expert member of Directorate of Technical education, M.P. for inspection of Pharmacy Institutions of M.P. (2004-2006)
2. Ex-Member of Academic Council of S.G.S.I.T.S, Indore.
3. Member of Board of Studies in Pharmacy of Devi Ahilya Vishwavidyalaya, Indore (2009-2012 and 2019-2021).
4. Ex-Member of Examination Committee of Devi Ahilya Vishwavidyalaya, Indore.

5. Ex-Member of Departmental Committee of School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore.
6. IQAC/NIRF/NAAC coordinator of School of Pharmacy (since 2012)
7. Member of NAAC readiness committee of DAVV for NAAC visit 2014
8. Member of Task force for University Profiling and Developmental Proposals (DAVV)
9. Member of committee for Criteria 6 for NAAC Accreditation of DAVV for NAAC visit 2019
10. Member of Flying Squad for University examinations of DAVV
11. Observer for CET 2019
12. Member of Admission Committee of School of Pharmacy
13. Member of committee for Youth Festival 2019-2020 at University Level

SEMINARS/WORKSHOPS/PROFESSIONAL DEVELOPMENT PROGRAMS

1. National Seminar on “New Facets of Research in Chemical Sciences” organized by School of Chemical Sciences, DAVV, Indore on 6th March 2020.
2. One Day “**Training Programme on Plagiarism Detection Software, PDS (URKUND) under aegis of MHRD**”, Jointly organized by DAVV, Indore and Infilibnet Centre, Gandhinagar held at DAVV, Indore on 18th September 2019.
3. National Seminar on “**New Dimensions in Chemical Sciences**” organized by School of Chemical Sciences, Devi Ahilya Vishwavidyalaya, Indore on 7th March 2019.
4. PCI Sponsored Continuing Education Programme on “**Innovation and Emerging Trends in Pharmaceutical Teaching, Learning and Research**” organized by Swami Vivekanand College of Pharmacy, Indore between 18th- 20th January 2019.
5. National Workshop on “**Intellectual Property Rights**” Organized by School of Data Science and Forecasting, Devi Ahilya Vishwavidyalaya, Indore on 1st December 2018.
6. Workshop on “**Instrumental Techniques in Chemical Sciences: ITCS 2017**” Organized by School of Chemical Sciences, Devi Ahilya Vishwavidyalaya, Indore and University-Industry Partnership Cell in association with Labindia Analytical Instruments Pvt. Ltd., Thane and PG Tech Research Institute, Indore on 2nd August 2017.
7. Two days national seminar on “**Basic and Applied Immunology: An Industrial Perspective**” organized by Devi Ahilya Vishwavidyalaya, Indore on 27th and 28th January 2017.
8. Industry-Institute Interaction Workshop on “**Molecular Biology Experiments**” jointly organized by School of Life Sciences and School of Pharmacy, by Devi Ahilya Vishwavidyalaya, Indore on 6th and 7th October 2016.
9. “**International Workshop on Statistical Skills**” Organized by International Science Congress Association at Maharaja Ranjit Singh College of Professional Sciences, Indore on 8th and 9th August 2015.
10. UGC-Academic Staff College Sponsored Short Term Programme on “**Use of ICT/e-content for classroom teaching**” organized by Academic Staff College, DAVV, Indore between 7th – 12th January 2013.
11. MPCST Sponsored Seminar on “**Intellectual Property Rights**” organized by School of Biochemistry, DAVV, Indore on 13th October 2012.
12. National Seminar on “**Screening Strategies in Drug Design**” organized by Sri Aurobindo Institute of Pharmacy, Indore on 14th April 2012.

13. National Seminar on **“Emerging Trends in Chemical Sciences”** organized by School of Chemical Sciences, DAVV, Indore on 20th March 2012.
14. AICTE Sponsored National Seminar on **“Recent Trends, Challenges and Scope in Clinical Trial”** organized by Swami Vivekanand College of Pharmacy, Indore on 25th February 2012.
15. National Seminar on **“Current Trends and Challenges in Pharmaceutical Sciences”** organized by Swami Vivekanand College of Pharmacy, Indore on 7th March 2009.
16. AICTE sponsored National Seminar on **“Current Challenges in Clinical Research & New Drug Development”** organized by College of Pharmacy, IPS Academy, Indore from 10th - 12th July 2008.
17. Seminar on **“Bioinformatics: Research & Applications”** jointly organized by CDC & IET during 16th –17th Oct 2007.
18. Two Weeks AICTE sponsored Staff Development Programme on **“Global Trends in Novel Therapeutics & Drug Regulatory Affairs”** organized by college of Pharmacy, IPS Academy, Indore during 18th-30th June 2007.
19. Two weeks ISTE Sponsored Short-Term Training Programme on **“Multimedia Based Learning Material Development in Technical Education”** organized by SGSITS, Indore (M.P.) between 16th - 28th May 2005.
20. Staff Development Programme on **“Development of Basic Teaching Competencies”** organized by National Institute of Technical Teacher’s Training and Research, Bhopal at SGSITS, Indore during 7th –11th Feb 2005.
21. Two weeks AICTE-ISTE Sponsored Short-Term Training Programme on **“Social and Chemical Aspects of Occupational Hazards”** organized by Department of Applied Chemistry, SGSITS, Indore (M.P.) between 20th Dec.2004 - 1st Jan. 2005.
22. Seminar on **“Current Good Manufacturing Practices & Validation”** organized by Indian Pharmaceutical Association on 19th January 2003 at SGSITS, Indore

MEMBERSHIP OF ASSOCIATIONS/SOCIETIES

1. Life Member of Indian Pharmaceutical Association (IPA)-MP/IND/LM/0095
2. Life Member of Association of Pharmaceutical Teachers of India (APTI) LM-045
3. Life Member of The Indian Society for Technical Education (ISTE) LM 43324
4. Life Member of Vigyan Bharati Malwa Prant (VIBHA, India) - VB-MVPS-10172

I hereby declare that information furnished above is complete and true to the best of my knowledge.

Date: 13.07.2021

Place: Indore

(Dr. TAMANNA NARSINGHANI)