

Dr. Nitin G. Haswani *M. Pharm. PhD.*
(Pharmaceutical Chemistry)



| Residential Address | Office Address |
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| 38, "RATNAI" Sharda Nagar, Shirpur 425405 Dist-Dhule. Maharashtra (INDIA) | R.C. Patel Institute of Pharmacy, Near Karwand Naka, Shirpur-425405, Dist-Dhule, Maharashtra. Office- +91-2563-251809 Mobile +91-9822887144; 9511790384 E-Mail: nitin_haswani@yahoo.com nitinghaswani@gmail.com |

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| Present Status | Principal , R.C. Patel Institute of Pharmacy, Shirpur 425 405 (Jan 1 st 2010 to till date). Approvals -Principal by Director of Technical Education (DTE), Maharashtra State, Mumbai. -Principal by KBC North Maharashtra University, Jalgaon. |
| Career Milestone | ❖ H.O.D.; R. C. Patel Institute of Pharmacy Shirpur. (June 1 st 2004 to Dec 31 st 2009). ❖ Lecturer; R. C. Patel Institute of Pharmacy, Shirpur (Aug 1 st 2003 –May 31 st 2004). ❖ Lecturer at M.A.H. College of Pharmacy, Boradi, Shirpur. (June 1 st 2001-Oct.30 th 2002). |
| Educational Profile | Ph.D. 2015, Awarded by North Maharashtra University, Jalgaon. (Pharmaceutical Chemistry) M.Pharm. 2004, <i>First Class</i> R. C. Patel College of Pharmacy, Shirpur, (NMU, Jalgaon). B.Pharm. 2001, <i>First Class</i> |

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| Topic for PhD Dissertation | <p>R. C. Patel College of Pharmacy, Shirpur, (NMU, Jalgaon). D.Pharm. 1998, <i>First Class</i> M.A.H. college of Pharmacy, Boradi, (MSBTE, Mumbai).</p> <p>Design, Synthesis and Biological evolution of “Novel Antifungal Agents”</p> |
| Topic for M. Pharm Dissertation | <p>Worked on “Synthesis & Antimicrobial Activity of Some 2(pyridyl) thieno[2,3-<i>d</i>] pyrimidin-4-(3H)-ones & 2-(pyridyl) quinazolin-4 (3H)-one”.</p> |
| Patent Published | <ul style="list-style-type: none"> ❖ Nitin G. Haswani, P.S. Jain, V. M. Balaramnavar, K. M. Agrawal, S. C. Khadse, Discovery of the Caborgoline a main Protease Inhibitor as Anti SARS-COV-2 agent, Indian Patent Application Number: 202121035050. ❖ Nitin G. Haswani, P. S. Jain, V. M. Balaramnavar, K. M. Agrawal, S. C. Khadse, Discovery of The Dipiveprine a Main Protease Inhibitor as ANTI-SARS-COV-2 Agent, Indian Patent Application Number: 202121035051. |
| Responsibility Held | <p>Worked as a-</p> <ul style="list-style-type: none"> ❖ Coordinated the total activities as requisite to the apex regulatory bodies as, <ul style="list-style-type: none"> • Pharmacy council of India (PCI), New Delhi, • All India Council for Technical education (AICTE) New Delhi, • National Board of accreditation(NAB), New Delhi, • National Assessment and Accreditation Council (NAAC) • University Grant Commission (UGC), New Delhi, • Directorate of Technical education (DTE), Mumbai, • Maharashtra Board of Technical Education(MSBTE), Mumbai. ❖ Chairman, External Academic Monitoring committee, Maharashtra Board of Technical Education, Mumbai. (2009-till date). ❖ BTE Representative, External Academic Monitoring committee, Maharashtra Board of Technical Education, Mumbai. (2007-2008). ❖ Member of External Academic Monitoring committee, Maharashtra Board of Technical Education, Mumbai, (2006-2007). ❖ Chief Officer Incharge for Examination Center, R.C. Patel Institute of Pharmacy, Shirpur, (SUMMER-2004 to till). ❖ Officer Incharge for Regional Assessment Center, (Ans. Book Assessment), R.C. Patel Institute of Pharmacy, Shirpur, (SUMMER- |

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| | <p>2010;2015, 2016, 2017, 2018 WINTER-2016,2017).</p> <ul style="list-style-type: none"> ❖ ARC Officer for Application-cum-receipt center (ARC), R.C. Patel Institute of Pharmacy, Shirpur, (2010 to 2015). ❖ FC Officer, Facilitation center (FC), for Centralized Admission Process DTE, Mumbai, Government of Maharashtra. R.C. Patel Institute of Pharmacy, Shirpur, (2016 to till date). ❖ Chairman for Vigilance Squad committee for Theory Exams, MS-CIT examinations, and other examinations, conducted by Maharashtra Board of Technical Education, Mumbai, (2006 to till date). ❖ Chairman for Staff Selection Committee By MSBTE (2015 to Till Date) |
| <p>Grant Received</p> | <ul style="list-style-type: none"> ❖ Chief-Coordinator for “CARRIER FAIR-2009” (Grant Received Rs. 50,000/-) Sponsored by Maharashtra Board of Technical Education, Mumbai. ❖ Chief-Coordinator for One Week Content Updating Training Program On “Megatrends in pharmacy - Approach to Ancient and modern medicine”, Sponsored by Maharashtra Board of Technical Education, Mumbai Jan-2015. (Grant Received Rs. 90,000/-) ❖ Chief-Coordinator for State Level Technical Paper Presentation Competition Oct 2015 (Grant Received Rs.1,00,000/-) ❖ Chief-Coordinator for “CARRIER FAIR-2016” (Grant Received Rs.1,00,000/-) Sponsored by Maharashtra Board of Technical Education, Mumbai. ❖ Chief-Coordinator for One Week Faculty Development Training Program on “Current Advances and Challenges in Parenteral Science and Technology”, Sponsored by Maharashtra Board of Technical Education, Mumbai Dec-2016. (Grant Received Rs.1,00,000/-) ❖ Chief-Coordinator for State Level Technical Paper Presentation Competition Sep 2017 (Grant Received Rs.1,00,000/-) ❖ Chief-Coordinator for State Level Total Improvement Program for Faculty of Pharmacy, Sponsored by MSBTE, Mumbai, Jan, 2020 (Grant Received Rs.1,00,000/-) |
| <p>List of publications</p> | <ul style="list-style-type: none"> ❖ N. G. Haswani, K. M. Agrawal, P. S. Jain; Identification of Anti-Tubercular agents through direct drug design approaches targeting Isocitrate Lyase; SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology, 2022 14(4) 12-28. ❖ N. G. Haswani, P. S. Jain, K. M. Agrawal, S. D. Firke, V. M. Balaramnavar, Synthesis of Benzenamines as Fungal CHITIN Synthase Inhibitors: Pharmacophore Based Design, The Journal of Oriental Research Madras. Oct-2022; 110-117. ❖ N. G. Haswani, S. D. Firke, A. S. Patil, P. S Jain, S. C Khadse, Md M. G. Khan, K. M Agrawal, Development and Validation of RP-HPTLC Method for estimation of Prochlorperazine Edisylate using DOE approach. |

SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology, Oct-2022, 14(4)41-52.

- ❖ **N. G. Haswani**, K. M. Agrawal, P. S. Jain, A. Nagar, M. Kalaskar; Development and Validation High-Performance Thin-Layer Chromatography and UV-AUC Method for estimation of Dexlansoprazole in bulk and in pharmaceutical formulation. The Journal of Oriental Research Madras, Oct-2022; 94-109.
- ❖ **N. G. Haswani**, K. M. Agrawal, N. S. Methwani, P. S. Jain; Qualitative and Quantitative Phytochemical Investigation of trapa Bispinosa ROXB. Leaves Extract. SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology, Oct-2022, 14(4), 29-40.
- ❖ **N. G. Haswani**, P. S. Jain, M. S. Bhamare, M. P. Nandre, S. R. Dhulgunde and K. M. Agrawal, RP-HPLC method development and validation for estimation of an antiviral drug - molnupiravirin bulk and in-house capsules;
- ❖ **N. G. Haswani**, P. S. Jain, M. S. Bhamare, M. P. Nandre; Development and Validation High-Performance Thin-Layer Chromatography Method for Estimation of Molnupiravir in bulk and in Pharmaceutical Formulation; The Journal of Oriental Research Madras 118-125.
- ❖ **N. G. Haswani**, S. V. Upasani, G. S. Bhandari, M.S. Upasani; Study OF Lunar Phases Influence On Blood Pressure and Hypertension; World Journal of Pharmaceutical Research; (2021) 10 (6): 1050-1057.
- ❖ **N. G. Haswani**, A. A. Torne, P. S. Patil, G. A. Girnar, Innovative Packaging Methods in Pharmaceuticals, International Journal of Recent Research in Chemical Science (IJRRCS), December (2020) 1(1): 14-19.
- ❖ **N. G. Haswani**, V.B. Badgujar, S. V. Badgujar, Clinical Perspectives in Adverse Drug Reactions: A Review; December (2020)1 (1): 23-25.
- ❖ **N. G. Haswani**, P. S. Jain, S. S. Chalikwar, V.A.Gite; A Concise Review on Analytical Profile of Atazanavir Sulfate as Protease Inhibitor; Inventi Rapid: Pharm Analysis and Quality Assurance. (2020)1(2): 1-9.
- ❖ **N. G. Haswani**, P. S. Jain, S. B. Bodkhe, U. R. Salunke, Pharmaceutical estimation of aripiprazole to assist in modern research: An upbeat review, International Journal of Pharmaceutical Chemistry and Analysis, January-March, (2020) ;7(1):1-8.
- ❖ **N. G. Haswani**, Bari S. B; Design, synthesis and molecular docking study of thienopyrimidin-4(3H)-thiones as antifungal agents; Journal of Saudi Chemical Society (2017) 21, S264–S274.
- ❖ **N. G. Haswani**, P.S. Jain, N.K. Kale, K. M. Agrawal, S.J. Surana; Stability-Indicating HPTLC Method for Estimation of Guaifenesin in Bulk and in Pharmaceutical Formulation; International Journal of Pharmaceutical Chemistry and Analysis; April-June 2015;2(2):97-101
- ❖ **N. G. Haswani**, Bari S. B; Design, Synthesis and Molecular Docking Study of substituted N-aminocarbonyl arylvinylbenzamides, International Journal of Pharma Research & Review, Dec 2013; 2(12):6-19.

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| | <ul style="list-style-type: none"> ❖ N. G Haswani, Bari S. B; Synthesis and antimicrobial activity of novel 2-(pyridin-2-yl) thieno[2,3-d]pyrimidin-4 (3H)-ones; Turkish Journal of Chemistry, 2011,915. ❖ N. G. Haswani, P. G. Jain, S. D. Patil, M. V. Girase, S. J. Surana; Hypolipidemic activity of <i>Moringa oleifera</i> Lam., Moringaceae, on high fat diet induced hyperlipidemia in albino rats; Brazilian Journal of Pharmacognosy, 20(6): 969-973, Dec. 2010. ❖ N. G. Haswani, P. S. Jain, V. B. Badgular, R. R. Patil, and S. G. Chaudhari, Spectrophotometric determination of ambroxol hydrochloride from bulk and formulations, Journal of Pharmacy Research, 2(7), August 2009, 1311-1312. ❖ N. G. Haswani, V. B. Badgular, P. S. Jain, R. R. Patil, and S. G. Chaudhari, Quantitative determination of Beta sitosterol from stem bark of <i>Helicteres isora</i> Linn. Journal of Pharmacy Research, 2(9), September 2009, 1370-1372. ❖ N. G. Haswani, P. S. Jain, V. B. Badgular, R. R. Patil, and S. G. Chaudhari, Antiinflammatory activity of <i>Helicteres isora</i> Linn stem bark extracts in rats, Asian Journal of Pharmaceutical and Clinical Research, 2(4), October- December 2009, 63-65. ❖ N. G. Haswani, V. B. Badgular, P. S. Jain, R. R. Patil, and S. G. Chaudhari, Quantitative determination of Beta sitosterol from stem bark of <i>Kigelia Pinnata</i> Linn., Asian Journal of Pharmaceutical and Clinical Research, 2(4), October-December 2009, 66-68. |
| PhD Guide/Co-Guide | <ul style="list-style-type: none"> ❖ Approved Phd Guide at KBC North Maharashtra University, Jalgaon. ❖ Approved Co-supervisor PhD at OPJS University, Chru, Rajasthan. (Two Students Awarded PhD 01/04/2022) ❖ Approved Co-supervisor for PhD at Shri Jagdish Prasad Jhabarmal Tibrewala University, Jhunjhunu – 333010, Rajasthan. ❖ Approved Co-supervisor for PhD HIMALAYAN GARHWAL UNIVERSITY, Garhwal, Uttarakhand. |
| Awards | <ul style="list-style-type: none"> ❖ Dr. P. D. Sethi Memorial National Award 2020- Best Research Paper- A concise review on analytical profile of atazanavir Sulphate as Protease inhibitor, <i>Inventi Rapid: Pharm Analysis and Quality Assurance</i>. (2020)1(2): 1-9. CERTIFICATION of APPRECIATION ❖ Dr. P. D. Sethi Memorial National Award 2020- Best Research Paper- Pharmaceutical estimation of aripiprazole to assist in modern research: An upbeat review, <i>International Journal of Pharmaceutical Chemistry and Analysis</i>, January-March, (2020) ;7(1):1-8. CERTIFICATION of APPRECIATION ❖ Best Co-ordinator, Saitej Life Training Institute, On Behalf of MSBTE, Mumbai. Jan 2020. |
| Participation in symposia/ Conferences Attended | <ul style="list-style-type: none"> ❖ One Day Workshop on GREEN CHEMISTRY at Sinhgad college of pharmacy, vadagaon, Pune in 2005 ❖ One-day workshop on “Recent Advances in Pharmaceutical Analysis” |

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| | <p>at R. C. Patel College of Pharmacy, Shirpur on 24th September 2005</p> <ul style="list-style-type: none"> ❖ Two-day workshop on “Screening Technique in Experimental Pharmacology” at R. C. P.C.O. P, Shirpur on 1st – 2nd October 2005. ❖ 57th Indian Pharmaceutical Congress, Dec. 2005 Hyderabad. ❖ National seminar on “Recent trends in Phytomedicine and Neutraceuticals” at R. C. Patel College of Pharmacy, Shirpur on 5th – 6th November 2006. ❖ Two days International Workshop cum Seminar on DRUG DESIGN and DISCOVERY at Mumbai on 6th and 7th August 2007. ❖ National seminar on “Current Trends in Novel Drug Delivery System” at R. C. Patel Institute of Pharmaceutical Education and research, Shirpur on August 2008. ❖ Participated in Staff Development Programme entitled Recent Advancement in Pharmaceutical Chemistry on 2nd to 14th February 2009. ❖ AICTE sponsored Two Day National Level Seminar on Role of “Communication Skills in Pharmacy” organized by RCPIPER 21st and 22nd March 2011. ❖ One-day State Level Seminar on “Basics in Spectroscopy and chromatography” organized by RCPIPER, Shirpur, 7th Oct.2012. ❖ 18th Annual National Convention of APTI at Rajahmundry, Andhra Pradesh, 25th -27th October 2013. ❖ AICTE sponsored Two Day National Level Seminar on “Emerging Trends and Job Opportunity in Pharmaceutical Field” organized by Dept. of Pharmacy, Government Polytechnic, Jalgaon, 23rd -24th Dec-2013. ❖ 19th Annual National Convention of APTI at Pune, Maharashtra, 28th - 30th November 2014. ❖ 20th Annual National Convention of APTI at DAVV Indore, Madhya Pradesh, 9th-11th October 2015. ❖ 67th Indian Pharmaceutical Congress, 19th-21st December, Mysuru, India. ❖ MSBTE sponsored FDTP on “Recent Advances Transforming Pharmaceutical Drug Development & Discovery” organized by Dept. of Pharmacy, Government Polytechnic, Jalgaon, 15th-19th Feb 2016. |
| Guest Speaker | <ul style="list-style-type: none"> ❖ Invited as guest speaker in more than 45 institute including Government colleges and self-financing Institutions. |
| Social contribution | <ul style="list-style-type: none"> ❖ Arranged blood donation camp in institute every year. ❖ Organized sickle cell anemia detection camp in nearby Shirpur ❖ Organized blood group detection camp at various schools and colleges ❖ Organized rallies for awareness of tuberculosis and other infectious |

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| | <p>disease to create awareness in society.</p> <ul style="list-style-type: none"> ❖ Celebrating pharmacy week every year in the institute. ❖ Taken initiative to make campus ecofriendly. ❖ Plantation of tree nearby Shirpur area. |
| Membership | <ul style="list-style-type: none"> ❖ Life Membership Indian Pharmaceutical Association (IPA). ❖ Life Membership Association of Pharmaceutical Teachers of India (APTI) |
| Computer Literacy | <ul style="list-style-type: none"> ❖ Well-versed with MS Office, Linux. ❖ Maestro-v8.0 Molecular Modeling Interface (Schrodinger LLC, UK). <p>Sound knowledge of computer applications in chemical structure Drawing and word processing. (Chembiodraw, ChemSketch, ISIS Draw etc.)</p> |
| Instruments Handled | <ul style="list-style-type: none"> ❖ Well-versed with spectroscopic technique like UV, ¹HNMR, FTIR, HPTLC, MS. <p>Organic Synthesis-</p> <ul style="list-style-type: none"> ❖ Multi-step synthesis, Heterocyclic molecules design and synthesis, Hands on experience for synthesis under highly anhydrous media, Purification and identification of compounds in small quantities. |
| Personal Profile | Male, born on April 11 th 1978, Married. |
| Language proficiency | English, Marathi, Hindi, Sindhi, Gujarati. |