

CURRICULUM VITAE

Dr. Mukesh Subhash Patil
A1-102, Pushpnarayan CHS,
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Raigad, Maharashtra, India

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CARRIER OBJECTIVES-

To apply my technical and administrative skills to a demanding job in a growth-oriented leading organisation that values professionalism and precision and offers many prospects for continuing growth and advancement.

EDUCATIONAL DETAIL-

- **2023 Ph.D. (Pharmacy)** RC Patel IPER, Shirpur, KBCNMU, Jalgaon, MH.
Guide: Dr. Atul A Shirkhedkar
Ph. D. THESIS: “Studies on Novel Techniques for Solubility Enhancement of BCS Class-II Drugs”
- **2010 M. Pharmacy** (Quality Assurance), SES’s R. C. Patel institute of Pharmaceutical Education and Research, Shirpur, Dhule, Maharashtra
Guide: Dr. A. R. Tekade
M. Pharm THESIS: “Design and Evaluation of Simvastatin Nanoparticles and *In-vivo* Study”.
- **2008 B. Pharmacy** P.S.G.V.P.M’s College of Pharmacy, Shahada, Nandurbar, MH
- **2004 D. Pharmacy** M.A.H. College of Pharmacy, Boradi, Shirpur, Maharashtra.

EMPLOYMENT DETAILS

- ❖ Associate Professor, **Shri D. D. Vispute College of Pharmacy & Research Center, Devad-Vichumbe, Panvel, Dist. Raigad** (September 2022 to till date)
- ❖ Assistant Professor, **Shri D. D. Vispute College of Pharmacy & Research Center, Devad-Vichumbe, Panvel, Dist. Raigad** (August 2013 to August 2022)
- ❖ Assistant Professor, **KBHSST’s Institute of Pharmacy, Malegaon, Dist. Nashik** (August 2012 to July 2013)
- ❖ Assistant Professor, **Gangamai College of Pharmacy, Nagaon, Dist. Dhule.** (July 2010 to August 2012)

RESEARCH SUPPORT-

- Received grant for the project entitled “**Solubility enhancement of poorly water soluble drug: *in-vitro* characterization**”. Funding Agency: Mumbai University, Mumbai (under MRP), Cost: Rs 0.25 lack
- Received grant for the project entitled “**Novel Techniques in formulation development and evaluation of Oral Dispersible Tablets**”. Funding Agency: Mumbai University, Mumbai (under MRP), Cost: Rs 0.40 lack

PUBLICATION-

Paper-

1. ***Patil M. S.***, Survase Yogesh, Jain Ashish S, et al, 2024. “RP-HPLC Method Development and Validation for Zopiclone in Bulk and Tablet Dosage Form, **Journal For Basic Sciences**, 24 (1), 48-59.
2. ***Patil M. S.***, Nanduri Sai Sessa et. al., 2023. Development and Validation of Stability Indicating Methods by Chromatography: A Review. **Journal of Drug Delivery and Biotherapeutics**, Vol 1 Nov (2), 45-56.
3. ***Patil M. S.***, Bhadade Prathamesh. et. al., 2023, “Spectrophotometric and Chromatographic Method Development and Validation of Carisoprodol in bulk and pharmaceutical dosage form” **Journal For Basic Sciences**, 23 (8), 498-517.
4. ***Patil M. S.***, Uppar Kiran. et. al., 2023, “Analytical Method Development And Estimation of Amitriptyline HCL Using RP-HPLC And Its Validation” **Journal For Basic Sciences**, 23 (8), 682-705.
5. ***Patil M. S.***, Shirke Kshitij . et. al., 2023, “Formulation and Evaluation of Antifungal Topical Spray of Guava Leaf Extract” **Journal For Basic Sciences**, 23 (9), 1-10
6. ***Patil M. S.***, Ahmad S. et al., 2023, “ Development and Validation of RP-UHPLC and HPTLC Methods for a Polyherbal Active Ingredient *Boswellia Serrata*”, **Research Journal of Pharmacy and Technology**, 16(10), in press.
7. ***Patil M. S.***, Shirke K et. al., 2023, “A mini review on the analytical method and its validation for *Psidium Guajava*”, **Sciences of Phytochemistry**, 2(2), 13-21.
8. ***Patil M. S.***, Ambatkar S. et. al., 2023, “A Review of Historical Overview of Polyphenolic Phytoconstituents: Resveratrol and Ferulic acid”, **International Journal of Research Publication and Reviews**, 4(5), 6255-6262.

9. **Patil M. S.**, Bhadade Prathamesh. et. al., 2023, "Analytical Review on Carisoprodol", **Journal for Basic Sciences**, 23(4), 654-671.
10. **Patil M. S.**, Naware Namrata. et. al., 2023, "A review focusing on the benefits of green tea catechins as nutraceuticals", **Sciences of Phytochemistry**, 2(1), 42-55.
11. **Patil M. S.**, Bangar, S. et. al., 2023, "A Review on Historical Overview of Antiemetic Drug: Metopimazine", **International Journal of Research in Pharmacy and Allied Science**, 2(2), 99-120.
12. **Patil M. S.**, Kamble, T. et. al., 2023, "An overview of the historical context for Jamun's diverse medicinal properties", **Sciences of Phytochemistry**, 2(1), 42-55.
13. **Patil M. S.**, Uppar, K. et. al., 2023, "An Overview on Analytical Method Development and Validation of Drug Amitriptyline HCl using HPLC", **International Journal of Research Publication and Reviews**, 2023, 4(5),4636-4644.
14. **Patil M. S.**, Survase Yogesh, Jain Ashish S, et al, 2023. " An Overview of the Design and Validation of Analytical Methods", **International Journal of Novel Research and Development**, Vol 08, Issue 03,163-186.
15. **Patil M. S.**, Bhosle Siddhi, Jain Ashish S, et al, 2022. "Development and Validation of Analytical Method for Estimation of Mefenamic Acid in Bulk and Pharmaceutical Dosage Form", **International Journal of Research and Analytical Reviews**, Vol 09, Issue 03,23-38.
16. **Patil M. S.**, Gaikwad Sakshi, Jain Ashish S, et al, 2022. " Development and Validation of HPLC Method For Nabumetone And Its Pharmaceutical Dosage Form ", **International Journal of Pharmaceutical Research and Applications**, Vol 07, Issue 05, 631-638.
17. **Patil M. S.**, Naiknaware Tushar, Jain Ashish S, et al, 2022. "Using Measurement System Analysis and Statistical Process Control for Monitoring and Reducing Variation in the Process", **J International Journal of Current Research**, Vol 14, Issue 10, 22485-22488.
18. **Patil M. S.**, Batwal Poonam, Jain Ashish S, et al, 2021. "Method Development and Validation of Stability- Indicating RP-HPLC Method For Analysis of Meloxicam and its Formulation Using PDA Detector", **Journal of Huazhong University of Science and Technology**, Vol 50, Issue 07, 1-7.

19. **Patil M. S.**, Padte Chinmayee, Jain Ashish S, et al, 2021. Development and validation of analytical method for estimation of bilastine in bulk and pharmaceutical (tablet) dosage form, **Journal of the Indian Chemical Society**, Vol 98, Issue 11, 2037-2050.1-6.
20. **Patil M. S.**, Jain Ashish S, et al, 2020. Development and Validation of UV Spectrometric Method For Estimation of Doxycycline Hyclate, **World Journal of Pharmaceutical Research**, Vol 9, Issue 7, 2037-2050.
21. **Patil M. S.**, Rane Bhushan, Jain Ashish et al, 2017. Multilayered Tablet: A Novel Approach For Oral Drug Delivery, **International Journal of Pharmaceutical Sciences and Research**, Vol 9 Issue 3, 872-882.
22. **Patil M. S.**, Dharashivkar Sanket et al, 2016. Formulation and Evaluation of Transfersomal Cream of Acriflavine, **International Research Journal of Pharmacy**, Vol 7 Issue 8, 75-78.
23. **Patil M. S.**, Shirkhedkar A.A, 2016, A Review-Solubility Enhancement of Poorly Water Soluble Drugs, **International Journal of Advances in Pharmacy & Biotechnology**, Vol 2, Issue 01, 10-24.
24. **Patil M. S.**, Jain A.S., 2015. The Impact of Penetration Enhancers on Transdermal Drug Delivery System: Physical And Chemical Approach, **International Journal of Pharmaceutical Research & Review**, Vol 4, Issue 07, 14-24.
25. **Patil M. S.**, Jain A.S., 2011. Preparation and optimization of simvastatin nanoparticle for solubility Enhancement and *in- vivo* study. **International Journal of Pharmaceutical Research & Development**, Vol 2, Issue 12, 219-226.

Book-

1. **Patil M.S.**, Jain A.S., "Nanotechnology - A Recend Treand", **Lambert Book Publication**, May 2012.
2. **Patil M.S.**, Jain A.S., "Hazards and Safety Management" **Pee Vee, S Vikas and Company**, Edition- August- 2023

Book Chapter-

1. **Patil M. S.**, Rane B. R., 2023. " Introduction of Dietary Fibres", **Food Supplement and Dietary fibres in Health and Disease**, Apple Academic Press (Taylor and Francis Grp), Chapter no. 1, In press.

UNIVERSITY APPROVAL-

- ❖ Approved as Post-Graduate teacher (PG-Teacher) by Mumbai University, Mumbai
- ❖ Approved as Assistant Professor by Mumbai University, Mumbai
- ❖ Approved as Assistant Professor by SPPU, Pune
- ❖ Approved as Assistant Professor by KBCNMU, Jalgaon

PROFESSIONAL AFFILIATION-

- ❖ Registered Pharmacist of Maharashtra State Pharmacy Council (NO.95691)
- ❖ Life Member of ISTE
- ❖ Association of Pharmaceutical Teachers of India (MA/LM – 3143)

UNIVERSITIES (EXAM, BOARD)-

- ❖ Examiner, Moderator & Paper setter for University of Mumbai, Mumbai
- ❖ Vigilance Squad for University of Mumbai, Mumbai
- ❖ Examiner for Pune University, Pune
- ❖ Examiner & Paper setter for NMU, Jalgaon
- ❖ Examiner at NMIMS, Shobhabain Patel College of Pharmacy , Mumbai
- ❖ Examiner at DMIMS, Datta Meghe College of Pharmacy , Wardha

GUIDANCE

Master of Pharmacy Students supervised – 15

Degree Awarded- 05, Submitted- 05, Registered- 05

SUBJECT TAUGHT-

Modern Pharmaceutical Analytical Techniques, Pharmaceutical Quality Assurance, Quality Management System, Instrumental Method of Analysis, Hazards and Safety Management, Physical Pharmaceutics, Pharmaceutical Organic Chemistry, Pharmaceutical Inorganic Chemistry, Pharmaceutics, Environmental Science, Pharmaceutical Jurisprudence, Exp. Techniques in Pharmaceutical Sciences, Pharmaceutical Engineering.

SKILLS-

Instruments Handling,

- Dissolution Apparatus (8 Station)
- Tablet Mini Press (10 Station)
- Disintegration Test Apparatus
- UV Spectrophotometer (Shimadzu 1700)
- Spray Dryer (Labultima LU 222), Rotary Flash Evaporator
- FTIR Spectrophotometer
- Cadmach Single Punch Tablet Machine
- Extruder- Spheronizer
- Palm Glatt Coater

- High Pressure Homogenizer
- High Performance Liquid Chromatography
- Probe Sonicator
- Brookfield Viscometer

COMPUTER SKILL-

- C-DAC Diploma in Information Technology (Grade-B⁺), Internet surfing, MS-Office

INDUSTRIAL TRAINING-

Completed One month Industrial Training at Niramay Pharmaceuticals Pvt. Ltd., Nasik.

PERSONNEL DETAIL-

Nationality : Indian

Father's Name : Mr. Subhash Tulshiram Patil

Birth Date : June 01, 1985.

Hobbies : Reading, Listening Music, Playing Carrom

Languages known : English, Hindi, Marathi.

Marital Status : Married

Permanent Address : S/o Mr. Subhash Tulshiram Patil
C/o Saibaba Cloth Stores, Shindkheda
Plot No-758, Kacheri Chowk,
Shindkheda, Dist-Dhule (425 406) (MS)

OTHER PURSUITS-

- Participated Three day workshop on "Entrepreneurship Awareness Camp" at COP, Shahada- 27-29 Jan 2006.
- Participated One day National Seminar on "Challenges & Difficulties in Standardization of Herbal Products" at COP, Shahada- 22 July 2006.
- Attended 58th Indian Pharmaceutical Congress (IPC)-Mumbai- 3 Dec 2006
- Attended & Presented Research Poster in State Level Seminar on "Recent Trends in Microbial Biotechnology" at Shirpur- 7-8 Feb 2007.
- Attended Two Day National Conference on "Current Trends in Novel Drug Delivery System" at R.C.P.I.P.E.R, Shirpur.

- Completed the distance learning “General Course on Intellectual Property” from World Intellectual Property Organization (WIPO).
- Attended Two Day National Seminar on “ Nanotechnology-Revolution in field of Controlled And Targeted Drug Delivery Sytem” at P.S.G.V.P.M’S COP, Shahada- 19-20 Sep 2009.
- Attended One Day work-shop on “Recent trends in drug discovery” at IPER Wardha- 30 Dec 2011.
- **Participating & Secure First Price** in two day national level conference & poster presentation on ‘Polymer Science’ at COP, Shahada Feb-2012.
- Participated Two day National Seminar on “Current Trends in Experimental Pharmacology” at COP Shahada Feb- 14-15 Feb 2013.
- Attended two day national conference on “Recent advancement in formulating drug delivery systems” at R.G.Sapkal COP, Anjaneri, Nasik- 2-3 March 2013.
- Participated in one day national seminar on “Research Trend in pharmaceutical research:Emphasis on viscosity & Texture Characterization” at HRPIPER, Shirpur- 15 Mar 2013.
- Participated in one day state level seminar on “Current Research Trends:From Concept to Practise” at Gahlot IOP, Navi Mumbai- 31 Aug 2013.
- Participating one day national level seminar on ‘Research Methodology’ at COP, Shahada- 21 Sep 2013.
- Participated in Two day National Conference on “Nanotechnology in Drug Delivery Research:Innovations, Challenges & Opportunities (NCNDDR)” at NMIMS, Vile Parle (W), Mumbai- 16-17 Oct 2015.
- Participating & Presenting Poster in theme of Medicine & Pharmacy at District level research convention “Avishkar 2015” at R.C. Patel , ACS College, Shirpur- 22 Nov 2015.
- Participating & Presenting Poster in theme of Medicine & Pharmacy at University level research convention “Avishkar 2015” at North Maharashtra University, Jalgaon- 22-23 Dec 2015.
- Participated in One day National Conference at VES College of Pharmacy, Chembur, Mumbai- 13 Feb 2016 .
- Participating in ISTE approved One week Faculty Development Programme on “Current Trends in Pharmacy Academics and Reserach” at BNCP College of Pharmacy, Vile-Parle, Mumbai- 14-20 Sep 2016.

- Participating in One Day National Conference on “Structure Interpretation of Organic Compounds” at R.C. Patel IPER, Shirpur- 24 Sep 2016.
- Attending Two Day Training Course on “Basic Fundamental , maintenance and software operations for Gas Chromatography- Mass Spectrometer” at Shimadzu Analytical (I) Pvt. Ltd., Marol, Andheri, Mumbai- 26-27 Dec 2016.
- Participated in One day National Seminar on “NBA-Accreditation” at VES College of Pharmacy, Chembur, Mumbai- 16 Feb 2017.
- Participating in DST ICT approved One week Faculty Development Programme on “Tools and Techniques for Design, Development, and Characterization of Pharmaceuticals and Biopharmaceuticals” at R C Patel IPER, Shirpur – 20-26 June 2022.
- Participating & Presenting Poster on topic “Analytical QBD: Dawn Or Dusk For Pharma” at International Conference Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Ooty 14 Oct 2022.
- Participating & Presenting Poster on topic “Cost of Quality” at International Conference Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Ooty 15 Oct 2022.
- Participated in Two day National level Seminar on “Current Trends in Nanotechnology and its Applications” at Sandip Foundation's, Sandip Institute of Pharmaceutical Sciences, Nashik, Maharashtra.- 10-11 Feb 2023.

REFERENCES-

- 1) **Dr. S. J. Surana**, Principal,
R. C. Patel College of Pharmacy, Shirpur, Dist: Dhule.
- 2) **Dr. A. A. Shirkhedkar**, Professor & Vice Principal,
R. C. Patel College of Pharmacy, Shirpur, Dist: Dhule.
- 3) **Dr. A. S. Jain**, Professor & Principal,
Shri D D Vispute College of Pharmacy and RC, Panvel, Dist: Raigad.

DECLARATION-

All the information provided in the curriculum vitae is true as per my knowledge

Date:

PATIL MUKESH SUBHASH