

## S.V.B Pharmacy Faculty



### Dr. Mrs. MALATHI RAGHUNATH

<b>Designation</b>	Associate Professor in Pharmaceutical and Medicinal Chemistry
<b>Qualification</b>	M. Pharm, Ph. D
<b>Ph. D Academic year</b>	2015
<b>Institution</b>	NIMS University, Jaipur
<b>M.Pharm Academic Year</b>	1997
<b>Institution</b>	Bombay College of Pharmacy, Kalina
<b>B. Pharm Academic year</b>	1995
<b>Institution</b>	Bombay College of Pharmacy, Kalina
<b>Experience</b>	13 years and 8 months (10 years and 8 months academic + 3 years Industry)
<b>Research Grants</b>	<ol style="list-style-type: none"><li>1. Minor Research Grant [2008-2009] of Rs. 18,000/- by University of Mumbai for the project titled: Analytical Studies on an Ayurvedic Formulation Vidangarishta.</li><li>2. Minor Research Grant [2010-2011] of Rs. 18,000/- by University of Mumbai for the project titled: Extraction and Evaluation of Antimicrobial &amp; Wound healing activity of coconut husk.</li><li>3. Worked and successfully completed project titled: Formulation and Evaluation of Fixed Dose Combination of Ceftriaxone and Ornidazole. This project was awarded Minor Research Grant of Rs. 20,000/- by University of Mumbai in 2011-2012.</li></ol>

	<p>4. Minor Research Grant [2013-2014] of Rs. 30,000/- by University of Mumbai for the project titled: Design, Synthesis and Evaluation of Novel Benzimidazole derivatives for potential pharmacological activity.</p> <p>5. Worked and successfully completed project titled: Development and Validation of Instrumental Analytical methods for simultaneous estimation of Ciprofloxacin, Tinidazole and Dicyclomine hydrochloride in bulk drug and dosage form. This project was awarded a Minor Research Grant of Rs. 28,000/- by University of Mumbai in 2014-2015</p>
<b>Professional Affiliations</b>	<ul style="list-style-type: none"> <li>• Registered Pharmacist, Maharashtra State Pharmacy Council</li> <li>• Life Member of Association of Pharmaceutical Teachers of India</li> <li>• Life Member of Indian Pharmaceutical Association</li> <li>• Member of Indian Association of Colleges of Pharmacy</li> <li>• Examiner and Moderator for University of Mumbai</li> <li>• Examiner and Moderator at Gahlot Institute of Pharmacy</li> <li>• Reviewer for International Journal of Pharmacy and Pharmaceutical Sciences</li> <li>• Participated as Judge for Chemstatic 2016 organized by Rotaract club of VES College of Pharmacy on 23<sup>rd</sup> July, 2016.</li> </ul>
<b>Awards / Recognitions</b>	<ul style="list-style-type: none"> <li>• Junior Research Fellowship for M. Pharm Sci. from Ministry of HRD, AICTE, New Delhi in 1996 and 1997.</li> <li>• Recognized as M. Pharm guide for Quality Assurance and Pharmaceutical and Medicinal Chemistry by University of Mumbai at Gahlot institute of Pharmacy</li> </ul>
<b>Seminars / Workshops / Refresher Courses</b>	<ol style="list-style-type: none"> <li>1. Attended 48th Indian Pharmaceutical Congress held at Chennai as delegate, 1996.</li> <li>2. Attended A Two Day Workshop On Modern Dissolution Laboratory, Theory And Practice Organized By Chromline Equipment (I) Pvt. Ltd &amp; Vankel Technology Group, USA, 1998.</li> <li>3. Attended three day course in Liquid Chromatography organized by Waters Pvt. Ltd, 1999.</li> <li>4. Undergone two weeks professional training at Pharmaceutical Quality Control Laboratory at Janssen Pharmaceutica, Beerse, Belgium from Jan 23-Feb 4, 2000.</li> <li>5. Attended a seminar on Herbal Drugs in Indian Scenario at Saraswathi Vidya Bhavan's College of Pharmacy, 2007.</li> <li>6. Attended a seminar on Patents and Patents Filing at K.M. Kundhani College of Pharmacy, 2008.</li> <li>7. Attended two weeks Quality Improvement Program on Advances in Chromatographic techniques at Poona College of Pharmacy, 2008.</li> <li>8. Attended Pune University sponsored three day workshop on Experimental Techniques in Pharmaceutical Chemistry Laboratory at College of Pharmacy, Nashik, 2010.</li> <li>9. Attended one day session on Logic of Synthesis and Retro synthetic Approach as part of Train the Trainer series at SVK's Dr. Bhanuben</li> </ol>

	<p>Nanavati College of Pharmacy, Vile Parle, 2010.</p> <ol style="list-style-type: none"> <li>10. Attended one day session on Logic of Synthesis Part-II, Retrosynthetic Approach, Train The Trainer's Program, SVKM's Dr. Bhanuben Nanavati College Of Pharmacy, VileParle, 2010.</li> <li>11. Attended DST sponsored one week Quality Improvement Program on Pharmaceutical Chemistry, Basic principles and newer concepts at Gahlot Institute of Pharmacy, 2011.</li> <li>12. Attended two day session on NMR Spectroscopy Theory &amp; Problem Solving, Train the Trainers' Program, at SVKM's Dr. Bhanuben Nanavati College Of Pharmacy, VileParle, 2011.</li> <li>13. Attended one day seminar on Emerging Trends in Novel Drug Delivery systems at Gahlot Institute of Pharmacy, 2011.</li> <li>14. Attended two day seminar on DST Sponsored Exploration and Recent Trends in Novel Drug Delivery Systems at Gahlot Institute of Pharmacy, Koparkhairane, 2012.</li> <li>15. Attended AICTE Sponsored two weeks Quality Improvement Program on New Facets of Medicinal Chemistry in Drug Discovery at Bombay College of Pharmacy, Kalina, 2013.</li> <li>16. Attended one day seminar on Current Research Trends: from Concept to Practice at Gahlot Institute of Pharmacy, Koparkhairane, 2013.</li> <li>17. Attended one day seminar on BRNS Sponsored Newer Trends in Cancer Research-Implications for Clinical Trials and Cancer Therapy at Gahlot Institute of Pharmacy, Koparkhairane, 2014.</li> <li>18. Attended two day conference on DBT AND ICMR Sponsored National Conference on Drug Discovery and Drug Targeting in Metabolic Diseases, SVKM'S Dr. Bhanuben Nanavati College Of Pharmacy, VileParle, 2014.</li> <li>19. Undergone one day training on CAMAG HPTLC System at CAMAG Switzerland recognized Applications Research Laboratory, Mumbai, 2014.</li> <li>20. Attended Syllabus Orientation program for Final year B. Pharm CBGS for Pharmaceutical and Medicinal Chemistry conducted at AIKTC school of Pharmacy, Panvel, 2015.</li> <li>21. Attended APTI-MSB sponsored one day workshop on Quality pharmacy Education: Role of accreditation at Dr. Bhanuben Nanavati College of Pharmacy, Vile Parle, 2016.</li> <li>22. Attended APTI sponsored One day Seminar on Let's Do NBA accreditation at VES College of Pharmacy, Chembur, 2017.</li> <li>23. Attended Teacher's seminar on sustainability-Role of Science &amp; Technolgy at NESISM-IB World School, Mulund, 2017.</li> </ol>
<p><b>Posters Presented</b></p>	<ul style="list-style-type: none"> <li>• Presented a Poster Titled "Fighting Neoplastic Diseases with Herbs and their Formulations: A Review at seminar on DST Sponsored Exploration and Recent Trends in Novel Drug Delivery Systems at Gahlot Institute of Pharmacy, 2012.</li> <li>• Presented a Poster Titled "Formulation and Evaluation of Fixed Dose combination of Ceftriaxone and Ornidazole" at University of Mumbai, 2013.</li> <li>• Presented a Poster Titled "Absorbance corrected for interference method for simultaneous estimation of drugs in bulk and formulation", at Inter University Research Convention, University of Mumbai, Aavishkar, 2014.</li> </ul>

	<ul style="list-style-type: none"> <li>• Presented a Poster Titled "A Validated UV-Spectrophotometric Method for the Estimation of Pefloxacin Mesylate in bulk and Pharmaceutical Dosage Form", Inter University Research Convention, University of Mumbai, Aavishkar, 2014.</li> <li>• Presented a Poster Titled "A Validated UV-Spectrophotometric Method for the Estimation of Pefloxacin Mesylate in bulk and Pharmaceutical Dosage Form", Inter University Research Convention, University of Mumbai, Aavishkar, 2014.</li> <li>• Presented a Poster Titled "Determination of ciprofloxacin, tinidazole and dicyclomine in combined tablet formulation using methanol: 0.1N HCl by using UV spectrophotometric assay method" at conference on Recent Advances in Analytical and Spectroscopic techniques at SVKM's NMIMS Sunanda Divatia School of Science, Vile Parle, 2015.</li> <li>• Presented a poster Titled "Benzimidazole-2-carbamic acid: A template for development of potential leads and drug molecules" at DST and BRNS sponsored conference on Translation research in Oncology: Benchside to Bedside at AIKTC school of Pharmacy, Panvel, 2015.</li> <li>• Presented a poster titled "Development and validation of HPTLC method for simultaneous estimation of Paracetamol and mefenamic acid in combined dosage form at 68th Indian Pharmaceutical Congress held at Vishakapatnam, Dec, 16-18, 2016.</li> </ul>
<p><b>Papers Published</b></p>	<ol style="list-style-type: none"> <li>1. Malathi Raghunath, Sheetal Bakal. Formulation and Evaluation of a fixed dose combination of ceftriaxone disodium and ornidazole. <i>Int J Pharm Pharm Sci.</i> 2013; 5(3):750-6. ISSN-0975-1491. Impact Factor: cites per doc: 0.91 ICV: 5.0 (2011).</li> <li>2. Malathi Raghunath, Viswanathan CL. Benzimidazole-2-carbamic acid as a privileged scaffold for antifungal, anthelmintic and antitumor activity: A Review. <i>Int J Pharm Pharm Sci.</i> 2014; 6(5):17-25. ISSN-0975-1491. Impact Factor: cites per doc: 0.91 ICV: 5.0(2011).</li> <li>3. Malathi Raghunath, Viswanathan CL. Synthesis, characterization and evaluation of novel 6-substituted benzimidazole-2-carbamates as potential antimicrobial agents. <i>Int J Pharm Pharm Sci.</i> 2014; 6(9):372-5. ISSN-0975-1491. Impact Factor: cites per doc: 0.91 ICV:5.0(2011).</li> <li>4. Malathi Raghunath, Viswanathan CL. Evaluation of novel 6-substituted benzimidazole-2-carbamates for potential antitumor activity. <i>J Pharm Res.</i> 2014; 13 (4): 102-5. ISSN: 0973-7200 ICV: 4.95(2012).</li> <li>5. Malathi Raghunath, Dhamne A, Mistry V, Bhaskar V. Validated UV Spectrophotometric method for estimation of fixed dose combination of Ciprofloxacin, tinidazole and dicyclomine in bulk and tablet formulation. <i>World J Pharm Pharm Sci.</i> 2015; 4(3): 1117-27. ISSN-4357-2278. SJIF Impact Factor: 2.786. ICV: 5.76 (2015).</li> <li>6. Malathi Raghunath, Singh A, Viswanathan CL. Molecular descriptors and bioactivity scores of 6-substituted benzimidazole-2-carbamates as potential anticancer agents. <i>World J Pharm Pharm Sci.</i> 2015; 4(4): 1438-45. ISSN-4357-2278. SJIF Impact Factor: 2.786. ICV: 5.76 (2015).</li> <li>7. Malathi Raghunath, Dhamne A, Borude S, Singh A. Validated Difference absorbance spectrophotometric method for estimation of tinidazole in bulk and dosage forms. <i>World J Pharm Res.</i> 2015; 4(5): 2051-9. ISSN-2277-</li> </ol>

7105. SJIF Impact Factor: 5.990. ICV: 6.21(2015).

8. Malathi Raghunath, Dhamne A, Patil J. Simple UV Spectrophotometric method for estimation of dicyclomine hydrochloride in bulk and tablet formulation. *Int J Pharm Res Allied Sci.* 2015; 4(3): 109-13. ISSN-2277-3657. SJIF Impact Factor: 3.181. ICV: 6.38 (2014).
9. Malathi Raghunath, Patil S, Dhamne A. Development and Validation of zero order UV spectrophotometric method for the estimation of pefloxacin in bulk and pharmaceutical dosage form. *World J Pharm Pharm Sci.* 2015; 4(7): 874-82. ISSN-4357-2278. SJIF Impact Factor: 2.786. ICV: 5.76 (2015).
10. Malathi Raghunath, Dhamne A, Patil J. A Review on Analytical methods for determination of dicylomine hydrochloride in pharmaceutical dosage forms and biological samples. *World J Pharm Res.* 2015; 4(8): 913-24. ISSN-2277-7105. SJIF Impact Factor: 5.990. ICV: 6.21(2015).
11. Malathi Raghunath, Dhamne A. UV Spectrophotometric assay method for determination of ciprofloxacin, tinidazole and dicyclomine in combined tablet formulation using methanol: 0.1 N HCl. *Eur J Biomed Pharm Sci.* 2015; 2(4): 1041-8. ISSN-2349-8870. SJIF Impact Factor: 2.062. ICV: 6.96 (2015).
12. Malathi Raghunath, Dhamne A. Simultaneous estimation of ciprofloxacin and tinidazole in bulk and combined tablet dosage form by difference absorbance spectroscopy. *World J Pharm Res.* 2015; 4(9): 953-62. ISSN-2277-7105. SJIF Impact Factor: 5.990. ICV: 6.21 (2015).
13. Malathi Raghunath, Govind Mohan, Viswanathan CL. In Silico screening of additional analogs of 6-substituted benzyloxy benzimidazole-2-carbamates in search of potent antitumor agents. *World J Pharm Sci.* 2015; 3(10): 2017-23. ISSN-2321-3310. SJIF Impact Factor: 2.819. ICV: 49.41 (2014).
14. Malathi Raghunath, Dhamne A. RP-HPLC method for simultaneous estimation of ciprofloxacin. tinidazole and dicyclomine in bulk and tablet dosage form. *J Pharm Res.* 2015; 14 (3): 66-70. ISSN: 0973-7200 ICV: 4.95 (2012).
15. Patil J, Malathi R, Patil S. Analytical method Development and validation of Ornidazole in tablet dosage form by zero order UV spectroscopy. *Int J Pharm Pharm Sci.* 2016; 8(3): 249-54. ISSN-0975-1491. Impact Factor: cites per doc: 0.91 ICV: 5.0(2011).