

Dr. Sushama Raju Ambadekar
M,Sc., Ph.D., B. Ed., SET
Associate Professor
The Institute of Science
Dr. Homi Bhabha State University,
Mumbai.



Email: sushama72ambadekar@gmail.com

Research area: Nano science, Pharmaceutical, Waste water treatment, Solid waste management, chromatographic technique for method development and validation.

Publications:-

1.	Characterization and Validation of Impurities in Pharmaceutical Bulk Drug by HPLC Methods. Sushama R. Ambadekar, Iyer Balakrishnan, Manohar V. Lokhande IOSR Journal of Applied Chemistry. Vol. 11(2), 13-32, Feb (2018). DOI: 10.9790/5736-1102031332
2.	Validation of Pharmaceutical (API) Bulk Drug by HPLC Method. Sushama Ambadekar, Iyer Balakrishnan, Manohar V. Lokhande IOSR Journal of Applied Chemistry. Vol. 11(2), 1-20, Feb (2018). DOI: 10.9790/5736-1102020120
3.	RP – HPLC method for simultaneous estimation of Metformin HCl and Pioglitazone in tablet dosage form. Keni S and Ambadekar S. Research Journal of Chemistry and Environment. Vol. 18(10), 1-5, Oct (2014)
	Fast and Economic Spectrophotometric Method for Metformin and Glipizide in Combination Tablet.

4.	<p>Sushama Ambadekar, Sameer Keni</p> <p>International Journal of Advances in Science Engineering and Technology. Vol. 6(1), 31-35, Mar (2018).</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwim8ZfNw5n6AhVwx3MBHejKDakQFnoECAcQAQ&url=http%3A%2F%2Fijaseat.iraj.in%2Fpaper_detail.php%3Fpaper_id%3D11649%26name%3DFast_and_Economic_Spectrophotometric_Method_for_Metformin_and_Glipizide_in_Combination_Tablet&usg=AOvVaw1YPR9V4jFFPuL34sTYifVm&cshid=1663338726403688</p>
5.	<p>Rapid Method for Impurity Profile of Glipizide in presence of Metformin in Combination Tablet.</p> <p>Sushama Ambadekar, Sameer Keni</p> <p>Proceedings of ARSSS International Conference, 4th February, 2018.</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwixqqwxJn6AhUaFKYKHZlSB9AQFnoECA0QAQ&url=http%3A%2F%2Fijmpe.iraj.in%2Fpaper_detail.php%3Fpaper_id%3D11792%26name%3DRapid_Method_for_Impurity_Profile_of_Glipizide_in_Presence_of_Metformin_Incombination_Tablet&usg=AOvVaw2CIU8OkREpTMnR6N3WSt-7</p>
6.	<p>Fast and Simple Method for Assay Determination of Metformin and Glyburide from Combination Tablet Dosage form by UV Spectrophotometer.</p> <p>Sushama Ambadekar, Sameer Keni, Deepak B Nikam</p> <p>Der Pharma Chemica. 9(21), 70-78, 2017.</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwj9_LQxJn6AhWJHKYKHVhVBPIQFnoECBAQAQ&url=https%3A%2F%2Fwww.derpharmachemica.com%2Fpharma-chemica%2Ffast-and-simple-method-for-assay-determination-of-metformin-and-glyburide-from-combination-tablet-dosage-form-by-uv-spec.pdf&usg=AOvVaw0IcgTcSMelJPBMC3er8d1Z</p>
7.	<p>Rapid HPLC Method for impurity profile of Metformin Hydrochloride in Presence of its Combination drugs</p> <p>Sushama Ambadekar, Sameer Keni</p> <p>GJESR, Vol 5(11), 150-160, Nov (2018)</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwj25536xJn6AhWkILcAHWZ2C04QFnoECAQQAQ&url=https%3A%2F%2Fwww.semanticscholar.org%2Fpaper%2FRAPID-HPLC-METHOD-FOR-</p>

	<p>IMPURITY-PROFILE-OF-METFORMIN-SushamaAmbadekar-Keni%2F21006d23bc6d3ee63f1a52d86db70d83ade60980&usg=AOvVaw0wXTcpwmvZ3VFBzDJu7T2z</p>
8.	<p>Fast Liquid chromatography Method for assay of Metformin and its Combination Drug from Tablet Dosage Form Sushama Ambadekar, Sameer Keni</p> <p>Der Pharma Chemica, Vol 10(11) (2018).</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjX2Z_lxZn6AhVlgVYBHe8NDT0QFnoECAsQAQ&url=https%3A%2F%2Fwww.derpharmachemica.com%2Fpharma-chemica%2Ffast-liquid-chromatography-method-for-assay-of-metformin-and-its-combination-drug-from-tablet-dosage-form-15405.html&usg=AOvVaw2qNEYXLMvf0Dusk5O-RbHJ</p>
9.	<p>Formaldehyde in Baby Foods by HPLC – ELSD Sushama Raju Ambadekar, Deepak Baburao Nikam</p> <p>American Journal of Chemistry, Vol 10(1) 11-18, Sept (2020)</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjgqueTxZn6AhVBC7cAHb1sBwsQFnoECAgQAQ&url=http%3A%2F%2Farticle.sapub.org%2F10.5923.j.chemistry.20201002.01.html&usg=AOvVaw3sVbvjvfNKU6A8kh08ZfQR</p>
10.	<p>Systematic synthesis of copper nanoparticles using <i>Salvadora persica</i> as a bioreactor: A Green Method Sushama Ambadekar, Gayatri Barabde, Apurva Khamkar</p> <p>Journal Of Emerging Technologies and innovative Research Vol. 6(4), 473-479, April (2019).</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwii0NvExZn6AhV-qVYBH56AD0QFnoECAwQAQ&url=https%3A%2F%2Fwww.jetir.org%2Fview%3Fpaper%3DJETIR1904371&usg=AOvVaw28HHPMhBgI7otGWimVxVA0</p>
11.	<p>Green synthesis of silver nanoparticles using <i>Salvadora persica</i> as a bioreactor. Sushama Ambadekar, Apurva Khamkar</p>

	<p>Journal Of Emerging Technologies and innovative Research Vol. 7(5), 10-16, May (2020).</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjnvs_Kxpn6AhXr3zgGHd_KBTEQFnoECAoQAQ&url=https%3A%2F%2Fwww.jetir.org%2Fview%3Fpaper%3DJETIR2005003&usg=AOvVaw2xsbpE-M5znQdvhJsHztWF</p>
12.	<p>REVERSE ENGINEERING OF FORMALDEHYDE IN COSMETIC PRODUCTS USING RP-HPLC TECHNIQUE BY DERIVATIZATION WITH 2, 4-DINITROPHENYLHYDRAZINE SUSHAMA R. AMBADEKAR, DEEPAK BABURAO NIKAM* AND CHANDAN B. WARKAR</p> <p>Int J Pharma Bio Sci 2019 July; 10(3): (P) 28-36</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjLs-Dax5n6AhU9xHMBHUSRCIQQFnoECAUQAQ&url=https%3A%2F%2Fdocplayer.net%2F224908218-Reverse-engineering-of-formaldehyde-in-cosmetic-products-using-rp-hplc-technique-by-derivatization-with-2-4-dinitrophenylhydrazine.html&usg=AOvVaw0c6SsiIGw2x_LpKHtI2Qk8</p>
13.	<p>RAPID MEASUREMENT OF FORMALDEHYDE IN SELECTED BABY FOODS BY FAST LIQUID CHROMATOGRAPHY Dr. Sushama Raju Ambadekar and Deepak Baburao Nikam*</p> <p>World Journal of Pharmaceutical Research SJIF Impact Factor 8.084 Volume 9, Issue 4, 777-790. ISSN 2277– 7105</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjiu-2YyJn6AhVuzYsBHdrGCbcQFnoECAgQAQ&url=https%3A%2F%2Fwjpr.s3.ap-south-1.amazonaws.com%2Farticle_issue%2F1585302248.pdf&usg=AOvVaw1xYouQI2fr7LODQZo78kwT</p>
14.	<p>ACCURATE QUANTIFICATION OF FORMALDEHYDE IN SELECTED COSMETICS BY FAST LIQUID CHROMATOGRAPHY (FAST LC) Dr. Sushama Raju Ambadekar and Deepak Baburao Nikam*</p> <p>World Journal of Pharmaceutical Research SJIF Impact Factor 8.084 Volume 9, Issue 4, 1722-1738. ISSN 2277– 7105</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwj15Pu-yJn6AhUSvZQKHafbcikQFnoECBAQAQ&url=https%3A%2F%2Fwww.researchgate.net%2Fpublication%2F356428665_ACCURATE_QUANTIFICATION_OF_FORMALDEHYDE_IN_SELECTED_COSMETICS_BY_FAST_LIQUID_CHROMATOGRAPHY_FAST_LC&usg=AOvVaw2QatOGYn0GjXs84w6oxIUs</p>
15.	<p>Formaldehyde in Baby Foods by HPLC-ELSD Sushama Raju Ambadekar, Deepak Baburao Nikam*</p>

	<p>American Journal of Chemistry 2020, 10(2): 19-25 DOI: 10.5923/j.chemistry.20201002.01</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwib-rDYyJn6AhWOG6YKHXoHDGMQFnoECBIQAQ&url=http%3A%2F%2Farticle.sapub.org%2F10.5923.j.chemistry.20201002.01.html&usg=AOvVaw3sVbvjvfNKGU6A8kh08ZfQR</p>
16	<p>DEVELOPMENT AND VALIDATION OF RPHPLC METHOD FOR THE SIMULTANEOUS AND RAPID DETERMINATION OF ASSAY AND RELATED SUBSTANCES OF AMLODIPINE AND METOPROLOL IN PHARMACEUTICAL DOSAGE FORM</p> <p>1Dr. Sushama Raju Ambadekar, 2 Jayesh Pandharinath Tamhanekar, 3Vijay Arjun Bagul © 2021 JETIR October 2021, Volume 8, Issue 10 www.jetir.org (ISSN-2349-5162)</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwi-8_CTyZn6AhVqy4sBHYhxBXQQFnoECA4QAQ&url=https%3A%2F%2Fwww.jetir.org%2Farchive%3Fv%3D8%26i%3D10%26j%3DOctober%25202021&usg=AOvVaw1ZflaJBWQeNYlanIAZ03SP</p>

17.	<p>Development and Validation of Fast, Simple RP-HPLC Method for Simultaneous Estimation of Atorvastatin and Fenofibrate in Tablet Dosage Form</p> <p>Dr. Sushama Raju Ambadekar 1 , Jayesh Pandharinath Tamhanekar 2 , Vijay Arjun Bagul 3 IOSR Journal of Applied Chemistry (IOSR-JAC) e-ISSN: 2278-5736. Volume 14, Issue 6 Ser. I (June 2021), PP 28-36</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjshYSjyZn6AhXFG6YKHUQpC6YQFnoECA4QAQ&url=https%3A%2F%2Fwww.iosrjournals.org%2Fiosr-jac%2Fpapers%2Fvol14-issue6%2FSeries-1%2FD1406012836.pdf&usg=AOvVaw0FCytAPD1FZBLJF8Poult9</p>
18.	<p>Development and Validation of Simple and Rapid UV Spectroscopic Method for estimation of Dipyrindamole in Tablet Dosage Form</p> <p>Dr. Sushama Raju Ambadekar 1 , Jayesh Pandharinath Tamhanekar 2 , Vijay Arjun Bagul 3 IOSR Journal of Applied Chemistry (IOSR-JAC) e-ISSN: 2278-5736. Volume 14, Issue 10 Ser. I (October 2021), PP 14-22</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjshYKhrawyZn6AhWJwZQKHyrkAb8QFnoECBAQAQ&url=https%3A%2F%2Fwww.iosrjournals.org%2Fiosr-jac%2Fpapers%2Fvol14-issue10%2FSer-1%2FC1410011422.pdf&usg=AOvVaw2nlZxsbvZRBbXgrzZqbkvf</p>
19	<p>Dr. Sushama Raju Ambadekar, Jayesh Pandharinath Tamhanekar And Vijay Arjun Bagul , Stability Indicating RP-HPLC Method Development And Validation For The Simultaneous And Rapid Estimation Of Rosuvastatin And Fenofibrate In Pharmaceutical Dosage Form.(1).Int J Pharm Sci.2022(13), P23-36</p> <p>http://dx.doi.org/doi 10.22376/ljpbs.2022.13.1.P23-36</p>
21	<p>STABILITY-INDICATING METHOD FOR ASSAY AND IMPURITY PROFILING FROM AMLODIPINE AND METOPROLOL IN THEIR PHARMACEUTICAL DOSAGE FORMS USING RP-HPLC WITH UV/PDA DETECTOR</p> <p>World Journal of Pharmaceutical Research SJIF Impact Factor 8.084 Volume 11, Issue 9, 1057-1074. Research Article ISSN 2277– 7105</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwizoeOCypn6AhWXAaYKHxEKDE0QFnoECAMQAQ&url=https%3A%2F%2Fwjpr.net%2Fpublic%2Findex.php%2Fabstract_show%2F19853&usg=AOvVaw1TTo3vqk9hOKFolAoAEBKX</p>
24	<p>Application of Dynamic Vapour Sorption Technique to Study Dry Powder Inhalation Formulations</p> <p>Sunita Sule* , Sushama Ambadekar American Journal of Chemistry 2020, 10(3): 45-49</p> <p>DOI: 10.5923/j.chemistry.20201003.02</p>
22.	<p>A RAPID AND STABILITY INDICATING RP-HPLC METHOD FOR SIMULTANEOUS DETERMINATION OF TIOTROPIUM, FORMOTEROL AND CICLESONIDE IN A DRY POWDER INHALER</p> <p>*Sunita Sule1 , Sushama Ambadekar1 , Abhay Singh, Phalguni Naik2</p>

	<p>World Journal of Pharmaceutical Research SJIF Impact Factor 5.045 Volume 3, Issue 4, 819-830. ISSN 2277 – 7105</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjm9aWnypn6AhWKBaYKHfq-AIAQFnoECBUQAQ&url=https%3A%2F%2Fwjpr.net%2Fpublic%2Fabstract_show%2F984&usg=AOvVaw1CP6YXn__X47yl2oPpWPL6</p>
23.	<p>A PRACTICAL APPROACH TO RP HPLC ANALYTICAL METHOD DEVELOPMENT *Sunita Sule1 , Sushma Ambadekar1 , Deepak Nikam1 , Ameet Sule2 , Sudesh Bhure3 World Journal of Pharmaceutical Research SJIF Impact Factor 5.045 Volume 3, Issue 9, 258-279. ISSN 2277– 7105</p>
24.	<p>PROBLEMS IN DISPOSING MENSTRUAL WASTE AND EFFECTS OF DISPOSAL PRACTICES ON ENVIRONMENTAL SUSTAINABILITY WITH SPECIAL REFERENCE TO WOMEN IN MUMBAI Ms. Mamata Madhusudan Tendulkar and Dr. Sushma Raju Ambadekar International Journal of Advance and Innovative Research Volume 8, Issue 2 (III) April - June 2021 298 ISSN 2394 – 778. Pages 298-301</p>
25.	<p>Comparative Study of Estimation of Clopidogrel Bisulphate from Commercial Sample by UV- Visible Spectrophotometer and HPLC Method. S. R. Ambadekar, G. R. Barabde</p> <p>Quest Journals, Journal of Research in Pharmaceutical Science. Vol. 2(9), 17-20 2015.</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiYyLuPy5n6AhVagFYBHbpsCz0QFnoECAQQAQ&url=http%3A%2F%2Fwww.questjournals.org%2Fjrps%2Fpapers%2Fvol2-issue9%2FB291720.pdf&usg=AOvVaw1IVJNCqpsRBY3s0EjbcLui</p>
26.	<p>Comparative Study of Estimation of Asprine from Commercial Sample by UV- Visible Spectrophotometer and HPLC Method. S. R. Ambadekar, G. R. Barabde</p> <p>IOSR Journal of Applied Chemistry. Vol. 7(9), 57-61, Sep (2014).</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwio8cOqy5n6AhVvkqFYBHS3-Bj0QFnoECAUQAQ&url=http%3A%2F%2Fwww.iosrjournals.org%2Fiosr-jac%2Fpapers%2Fvol7-issue9%2Fversion-1%2FK07915761.pdf&usg=AOvVaw3xDnk8hy4Mf2PDA9Xfb6ks</p>
27.	<p>Comparative study of UV- Visible Spectrophotometry and HPLC Method for determination of Caffeine from Commercial Sample. S. R. Ambadekar, G. R. Barabde, Sushant Solkar</p> <p>AARJMD. Vol. 2(3), Aug (2015).</p>

28.	<p>Comparative Study of Estimation of Fexofenadine Hydrochloride by UV-Visible Spectrophotometer and HPLC Method. S. R. Ambadekar, G. R. Barabde, Anil Nishad</p> <p>Quest Journals, Journal of Research in Pharmaceutical Science. Vol. 2(12), 1-4, 2015.</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjSwZPsy5n6AhWS_DgGHeqkBBgQFnoECAkQAQ&url=https%3A%2F%2Fwww.questjournals.org%2Fjrps%2Fpapers%2Fvol2-issue12%2FA2120104.pdf&usg=AOvVaw3im2N3NEfpiDgaLOeLwW1U</p>
29.	<p>Method Development, Validation and Rapid Determination of Cetrizine Hydrochloride Drug by Spectrophotometer and Chromatographic Techniques. Sushama Ambadekar, Gayatri Barabde, Anil Nishad</p> <p>Scholars World – International Refereed Multidisciplinary Journal of Contemporary Research. Vol. 4(2), 151-156, April (2016).</p> <p>https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiVm_f_y5n6AhVP7DgGHR3PBn4QFnoECAkQAQ&url=https%3A%2F%2Fwww.semanticscholar.org%2Fpaper%2FComparative-Study-of-Estimation-of-Fexofenadine-By-Barabde-Ambadekar%2F99db4be80ebcc097ce8b8b974daf29cfc84fb111&usg=AOvVaw3zmT3u5fG95B0b3alyjxcQ</p>
30.	<p>Comparative study of determination of IRBESARTAN by U.V spectroscopy & RP- HPLC method. Vikram Chaudhari, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13</p>
31.	<p>Comparative study determination of percentage purity of Common salt by ion exchange & Flame Emission Spectroscopy. Meena Bade, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13</p>

32.	<p>Comparative study of estimation of Caffeine from commercial sample by U.V. spectroscopy & RP- HPLC method. Amit Ratwadkar, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13</p>
33.	<p>Comparative study of estimation of colpidrogel bisulphate from commercial sample by U.V. spectroscopy & RP- HPLC method. Devendra Pagarer, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13</p>
34.	<p>Comparative study of Removal of Hardness of Water by using different Cation exchangers. Dharmpal Sharma, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13</p>
35.	<p>Comparative study of Determination of blood glucose by glucometer & glucose oxidase method. Neelam Shinde, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13</p>
36.	<p>Determination of Vit- C in Natural products & commercial sample using different methods. Priyanka Bhagwat, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13</p>
37.	<p>Comparative study to determine the quality of textile fibre of different brands & local market product in Mumbai region. Rohan Ambede, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13</p>
38.	<p>Comparative determination of sodium content from different brands of potato chips by Mohrs methods & FES. Rohit Ambede, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13</p>

39.	Analysis of different brands of soft drinks to study parameters that are health perilous. Snehal Ghadge, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
40.	Analysis of Commercially available detergents by classical methods. Sonal Bhowar, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
41.	Determination of elements in Talcum powder on Inductively Coupled Plasma. Sonu Bhagat, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
42.	Comparative study of estimation of Fexofenadine HCL from commercial sample by U.V. spectroscopy & RP- HPLC method. Sunita Bhosale, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
43.	Rp- HPLC analysis of Camptothecin content in various parts of Nothapodytes foetida Sandip Pawar, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
44.	Chemical analysis of reused edible oils by different methods. Suyash Mane, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
45.	Determination of Urine hCG by classical & strip method. Vijaya Jadhav, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
	Quality Control & methods of analysis of Honey

46.	Sneha Waghmare, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
47.	Determination of heavy metals from churna by inductively coupled Plasma Spectroscopy Bhagyeshree Chavan, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
48.	Comparative study of determination of fluoride from Toothpaste by UV-Visible spectrophotometer & fluoride ion selective electrode. Priyanka Mhatre, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
49.	Analysis of Antacids to compare their acid neutralizing property. Madhuri Patil, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13
50.	Study of different types of Vinegar by Classical method. Reshma Budhe, Sushama Ambadekar & Gayatri Barabde. RSM Organised By Institute Of Science. Mumbai, 2012-13

Research students:-

No. of Ph. D Students – 09

Sr. No.	Name	Title	Remark
1.	Balakrishnan Iyer	An Analysis of certain Prohibited drugs from a Forensic and Anti – Doping Perspective: A Chromatographic Study	Degree Awarded

2.	Sameer Keni	Development of Fast Liquid Chromatography Methods for the Estimation of Percentage Assay and Impurity Profile of Metformin with Combination Drug from Formulation	Degree Awarded
3.	Deepak Nikam	Improvised Measurement of Formaldehyde in Selected Food Products, Cosmetics and Pharmaceutical Products by High Performance Liquid Chromatography	Degree Awarded
4.	Apurva Khamkar	Green Synthesis, Characterisation and Antimicrobial Potential of Metal Nanoparticles Using Mangrove Plants from Mumbai Region	Degree Awarded
5.	Suneeta Sule	Development and Validation of HPLC Method for Determination of Assay in a Triple Drug Combination Product for an Inhalation Formulation	Synopsis submitted
6.	Mr. Jayesh Pandharinath Tamhanekar	RAPID DETERMINATION AND STUDY OF SOME CARDIOVASCULAR DRUGS BY CHROMATOGRAPHIC AND SPECTROSCOPIC TECHNIQUES	Synopsis submitted
7.	Mamata Tendulkar	Chemical Analysis and Microbial Examination of Sanitary Pads for Menstrual Use and An Overview of Its Disposal Techniques	Working
8.	Poonam Khopade	To Study Physico – Chemical properties of Municipal Solid Waste Compost Obtained from Composting Process and Organic Waste Convertor (OWC)	Working
9.	Mr. Shyam Dattatray Kedar	Intrinsically conducting polymers – synthesis, Characterization and application by using electrochemical techniques.	Working

No. of M.Sc by Research students – 04

Sr. No.	Name	Title	Remark
1.	Deepak Nikam	Improvised Measurement of Formaldehyde in Selected Food Products, Cosmetics and Pharmaceutical Products by High Performance Liquid Chromatography	Degree Awarded
2.	Sameer Keni	Development of Fast Liquid Chromatography Methods for the Estimation of Percentage Assay and Impurity Profile of Metformin with Combination Drug from Formulation	Degree Awarded
3.	SuneetaSule	Development and Validation of HPLC Method for Determination of Assay in a Triple Drug Combination Product for an Inhalation Formulation	Degree Awarded
4.	Sushant Solkar	Method Development Validation and Simultaneous Determination of Caffeine, Benzoic Acid and Saccharin in Aerated Drinks and Chocolates by Different Analytical Methods	Degree Awarded