

## CURRICULUM VITAE

### PERSONAL DETAILS: ✓

**Name** : Dr (Mrs). Swati Shailendra Rawat  
**Marital State** : Married  
**Date of Birth** : 15<sup>th</sup> Sep 1961.  
**Sex** : Female  
**Present Address** : 4, Sanskarmitra Apartment, 7,Ranachandra  
 Nagar Aurangabad, MS. PIN: 431005  
 Mobile:09422206357,07588930914  
**Permanent Address** : C/O Sri S. D. Rawat, 42 Itwari Hills,  
 Sagar, M.P. PIN: 470001  
 Phone: 91-7582-249-064  
**E- Mail** : swatirawat65@yahoo.in.  
 swatimonalisa@rediffmail.com  
**Languages known** : English, Hindi, Bengali and Marathi

### ACADEMIC QUALIFICATIONS:

| Name of the Examination            | Institution attended              | Name of the Board/University               | Month and Year of passing | % Of Marks obtained |
|------------------------------------|-----------------------------------|--|---------------------------|---------------------|
| <b>Ph. D</b>                       | Dept. of Pharm. Sciences. Sagar   | Dr Harisingh.Gour University, Sagar        | 2005                      | -                   |
| <b>M. Pharmacy (Pharmaceutics)</b> | Dept. of Pharm. Sciences. Sagar   | Dr Harisingh.Gour University, Sagar        | Dec' 1987                 | 66.00%              |
| <b>B. Pharmacy</b>                 | Dept. of Pharm. Sciences. Sagar   | Dr Harisingh.Gour University, Sagar        | April' 1984               | 61.27%              |
| <b>B.Sc. Zoo (Hons)</b>            | Ranchi Womens' College Ranchi     | Ranchi University, Bihar                   | June' 1980                | 60.00%              |
| <b>Intermediate of science</b>     | Ranchi Womens' College, Ranchi    | Ranchi University, Bihar                   | June' 1978                | 62.88%              |
| <b>Matriculation</b>               | Doranda Girls High School, Ranchi | Secondary school Examination Board, Patna, | March' 1976               | 63.77%              |
| <b>DPM</b>                         | IIMTR, Aurangabad                 | Dr. B.A M University Aurangabad            | March' 1991               | 69.45%              |

**Objective:** To excel in the pharmaceutical research through education and by continuous innovation and motivation, to lead the team towards achievement of a goal to serve the mankind.

### **Professional Experience:**

1. Presently working as Prof. and Principal at R P College of Pharmacy, Alni, Osmana bad since March' 2017
2. Worked as Prof. & Principal at S N D College of Pharmacy, Yeola, Nashik, Maharashtra, November'2011 to Mar'15
3. Worked as Prof. & Principal at Shri Bhagwan College of Pharmacy, Aurangabad, May '09 to Oct'2011
4. Worked as Prof. & Principal at SAFE Institute of Pharmacy, Indore, from Nov'07-apr'09
5. Worked as Professor at Smriti College of Pharmacy, Indore, from July'07 to Oct'07
6. Worked as an Asst Prof. and Vice Principal, at Y.B. Chavan College of Pharmacy, Aurangabad, from 2003-2007.
7. Worked as Prof. and Principal at " Patel College of Pharmacy, Bhopal", from July 2004 to January 2005 ( 7 months)
8. Worked as lecturer in Y.B. Chavan College of Pharmacy, Aurangabad, since 1990, teaching Biopharmaceutics, Physical pharmacy, Pharmaceutics, General pharmacy and Dosage form technology.
9. As a visiting Lecturer in Department of Chemical Technology, Dr. BAM University, Aurangabad, teaching Physical Pharmacy and Pharmaceutics.
10. As a Research Assistant at Concept Pharmaceutical Aurangabad, from Aug'89 to Mar' 90
11. As a Pharmacist in Formulation and Development Department, at Wockhardt Limited, Aurangabad, from Feb '88 to Aug ' 89
12. As a Junior Chemist at Almet Corporation Limited, Aurangabad, from Sep'87 to Oct' 1987.

### **Professional Achievement:**

**Academics:** Appointed as Examiner and paper setter since last Twenty three years at

- i) Dr, B. A. M. University. Aurangabad.
- ii) Maharashtra University Health Science, Nasik.
- iii) North Maharashtra University, Jalgaon.
- iv) Swami Ramanand Teerth Marathwada University, Nanded.
- v) Savitribai Phule university of Pune, Pune
- vi) Recognized guide at "Bhagwant University, Ajmer, Rajasthan
- vii) Recognized guide at "Suresh Gyan Vihar University, Jaipur, Rajasthan
- viii) Recognized guide at "Singhania University, Jaipur, Rajasthan
- ix) Recognized guide at "Karpagram University, Coimbatore, TN
- x) Recognized guide at "JIT University, Jhunjhunu, Rajasthan
- xi) Recognized guide at "Dr Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra.
- xii) Recognized guide at" University of Pune, Pune, Maharashtra.
- xiii) Recognized guide at" Pecific University, Udaipur, Rajasthan.

### **Publication**

1. **SWATI RAWAT AND SANJAY K. JAIN A Spectrophotometric method for the determination p in Pharmaceutical dosage forms**, (Indian. J. Pharm. Sci.,September-October, 65(5), 2002, 500-501)... 0.761
2. **Rawat S., and Jain S.K., “A colorimetric method to estimate Meloxicam in Pharmaceutical dosage forms”**(Indian Drugs, 41(2), Feb, 2004, 106-107.) ..0.418
3. **Rawat S. and Jain S.K “Solubility enhancement of cyclooxygenase inhibitor: Rofecoxib** (Indian Drugs, 43(7), July, 2003, 416-418)...0.418
4. **SWATI RAWAT, LAILA F. ASGARAND SANJAY K. JAIN, “Formulation Development Studies of Rofecoxib”**(Indian. J. Pharm. Sci.,July-August,65(4), 2003,367-370.)..0.762
5. **S. RAWAT, AND S.K. JAIN “Rofecoxib - $\beta$ - cyclodextrin inclusion complex for solubility enhancement”**(Die Pharmazie.58, 2003,639-641) 0.375
6. **Swati Rawat<sup>a</sup>, and Sanjay K<sup>b</sup>. Jain, “Solubility enhancement of celecoxib using  $\beta$ -cyclodextrin inclusion complexes”**(Eur. J. Pharm. and Biopharm.57, 2004,263-267)..4.245
7. **S. Rawat, and S.K. Jain “Solid Dispersion: A Promising Tool For Improvement of Dissolution of a Few COX-2 inhibitors”**(Int. J. PharmaExcip.April-June3 (2), 2004,46-52)...0.280
8. **SWATI RAWAT, LAILA F. ASGARAND SANJAY K. JAIN “A comparative Dissolution Study of Commercial and Prepared Formulation of Celecoxib** (Indian. J. Pharm. Sci.,Sep-Oct, 65(4), 2005,632-634.) ...0.762
9. **Swati Rawat, Nijwante, S, Jaiswal, L. and LailaFatema, “PREPRATION AND EVALUATION OF A NEW FACIAL SCRUB AS A SKIN COSMETICS”** (Indian J. Nat. Prod., 21(4), July, 2006, 31-34.) 0.40
10. **Rawat S., and Jain S.K., “HYDROTROPIC SOLUBILIZATION OF SOME COX-2 INHIBITORS”** (Indian Drugs, 43(7), July, 2006, 565-573.)*Awarded by IDMA as best paper in Pharmaceutics.....0.418*
11. **S. Rawat, and S.K. Jain “Charecterization of the inclusion complex of meloxicam and  $\beta$ -cyclodextrin to enhance the dissolution and bioavailability”** (Accepted for the publication by Int. J. Pharma Excipients).0.280
12. **SWATI RAWAT AND SANJAY K. JAIN “Enhancement of Intestinal absorption of few COX-2 Inhibitors through Interaction with  $\beta$ -Cyclodextrin** (Indian. J. Pharm. Sci.,July-Aug, 69(4), 2007, 529-534.)....0.762
13. **SWATI RAWAT, VENGURKAR SUDHA, RAKESH B, AND SANJAY JAIN “Transdermal delivery by iontophoresis”- Review** (Indian. J. Pharm. Sci.,Jan-Feb, 70(1), 2008, 5 -10)..0.762

14. **Rawat S, Malviya N and Motwani S, “Smart Biodegradable Nanoparticles and their applications: a review** (Indian. Drugs.August, 45(8), 2008, 601 -625.).....0.418
15. **Rawat S, Jain S, Jain A. “Design and Development of oral colon targeted drug delivery system of dexamethasone”** (Tropical Journal of Pharmaceutical Technology, April2008, vol1 (2), 102-110)..0.28
16. **Swati Rawat, Akansha Jain, Shubham Jain, PHCOG REV: Review Article” Recent Herbal Trends Against Fungal Infections: A Review** (Pharmacognosy reviews [Phcog Rev.] Vol 2, Issue 4, Jul-Dec, 2008, Page 257-265.)...3.95
17. **Rawat S, Malvia N and Motwani S, “Antipyretic Activity of Aqueous Root Extract of Radix paeoniae”** (Indian Drugs. August, 45(8), 2008, 601-25).0.418
18. **Swati Rawat<sup>1\*</sup> and Akhilesh Gupta<sup>2</sup>, “Synthesis and Cyclization of Benzothiazole: A Review”**, ( J. Current Pharm. Research 2010; 3(1),13-23)..1.10
19. **Swati Rawat<sup>1\*</sup> and Akhilesh Gupta<sup>2</sup>, “Synthesis and Antibacterial study of novel Fluoro- Benzothiazole Derivatives”**, (J. Pharmacy Research 2010; 3(11), 2615-19)..0.74
20. **Rawat S, Mayee R, “Pharmacokinetic Studies of Topical Formulations – A Review”** (International Research Journal of Pharmacy 2010; 2(3): 98-100.[ISSN 0975 1556]...1.20
21. **Swati Rawat<sup>1\*</sup> and Akhilesh Gupta<sup>2</sup>, “Synthesis and Antifungal study of novel Fluoro- Benzothiazole Derivatives”**, (Int. J. Chemical and Analytical Science 2010; 1(10), 224-28.)...5.294
22. **Swati Rawat<sup>2</sup> and Akhilesh Gupta<sup>2</sup>, “Therapeutic Importance of Benzothiazole: Rreview”**(Asian J. Research Chem. 2010; 3(4), 824-38)...0.28
23. **Swati Rawat<sup>2</sup>,Sandeep Warade<sup>\*1</sup>, Swaroop Lahoti<sup>1</sup> “In Situ Gel Formulation of Ornidazole for the Treatment of Periodontal Disease** (Current Pharma. Research, 2010; 1(1), 60-69.)...1.033
24. **Rawat S, Mayee R,“Pharmacokinetic Studies of Topical Formulations – A Review”** (International Research Journal of Pharmacy 2010; 2(3): 98-100.ISSN 0975 1556)..0.123
25. **Rawat SS<sup>2</sup>,Mayee RV<sup>\*1</sup>Arsul VA “METHOD VALIDATION FOR ULTRAVIOLET SPECTROMETRIC DETERMINATION OF DICLOPHENAC SODIUM IN HUMAN STRATUM CORNEUM BY SKIN STRIPPING METHOD USING MARKETED DICLOFENAC SODIUM TOPICAL FORMULATIONS”** (Int. J. Current Research and Review2010; 2(2)25-31.)
26. **Swati Rawat and Rahul Mayee “Dermatopharmatokinetics Studies in India: A review**, at www. Freearticlessite.com Volume 1 • Issue 9 • 2012, 1-2.

27. **Swati Rawat<sup>2</sup>, Arun Pandey<sup>3</sup>Akhilesh Gupta\*<sup>1</sup> “Method Development and Acid Degradation Study of Doxofylline by RPHPLC and LC-MS/MS” (Asian J. Pharm. Ana. 2011; Vol. 1: (1),08-11).**
28. **Swati Rawat<sup>1\*</sup> and Akhilesh Gupta<sup>2</sup>“Regulatory Requirements for Drug Development and Approval in United States: A Review” (Asian J. Pharm. Reviews 2011, 1(1) 20-25)...4.026**
29. **Swati Rawat, Akhilesh Gupta\* <sup>1</sup>, Rajkumar<sup>1</sup>, Vimal Yadav<sup>1</sup>, “Method development and alkali degradation study of doxofylline by RP-HPLC and LC-MS/MS”(Drug Invention Today 2011,3(4),30-32)...6.369**
30. **Swati Rawat, Akhilesh Gupta\* <sup>1</sup>, Rajkumar<sup>1</sup>, Vimal Yadav<sup>1</sup>, “Simultaneous estimation of amoxicillin and potassium clavulanate in injection formulation by dual wavelength spectrophotometry(Drug Invention Today 2011,3(4),33-34)...6.369**
31. **Swati Rawat<sup>2</sup>,Akhilesh Gupta\* <sup>1</sup>, Rajkumar<sup>1</sup>, Mayuri Gandhi<sup>3</sup> and Rahul Namdeo, “Simultaneous Estimation of Amoxicillin and Potassium Clavulanate in Injection Formulation By Simultaneous Equation Method”(Journal of Pharmacy Research 2011,4(4),1244-1245)...0.74**
32. **Swati Rawat, Akhilesh Gupta\* <sup>1</sup>, Rajkumar<sup>1</sup>, Vimal Yadav<sup>1</sup>, “An analytical approach for the determination of amoxicillin and potassium clavulanate in pharmaceutical dosage form: Review(Drug Invention Today 2011,3(4),35-37)..6.369**
33. **Swati Rawat<sup>1\*</sup> and Akhilesh Gupta, Development and Study of Wound Healing Activity of an Ayurvedic Formulation,(Asian J. Res. Pharm. Sci. 2011; 1(1) 09-11)...0.28**
34. **Swati Rawat, Akhilesh Gupta, Mayuri Gandhi and Jaydeep. Singh Yadav Method Development and Acid Degradation Study of Doxofylline by RPHPLC and LC-MS/MS (Asian J. Pharm. Ana. 2011; 1(1), 08-11)...0.28**
35. **Swati Rawat and Akhilesh Gupta, “Regulatory Requirements for Drug Development and Approval in United State: A Review (Asian J. Pharm. Reviews. 2011; 1(1), 20-25)...0.28**
36. **S. Rawat, “RELEASE ENHANCEMENT OF MELOXICAM FROM TRANSDERMAL GEL THROUGH CYCLODEXTRIN COMPLEXATION”, (Int. J Pharm. Sci. and Research, 2011; 2(2): 357-365.[.ISSN 0975 8232]..4.08**
37. **Swati Rawat<sup>2</sup> Akhilesh Gupta\*<sup>1</sup>, Mayuri Gandhi<sup>3</sup> and I Namdev<sup>1</sup>“Method Development and Acid Study of Doxofylline by RPHPLC and LC-MS/MS”. (J. Pharmacy Research 2011; 4(4), 1248-50)..0.74**
38. **Swati Rawat<sup>1\*</sup> and Akhilesh Gupta<sup>2</sup> “Synthesis and Antibacterial study of novel Fluoro- Benzothiazole Derivatives”, (J. Pharmacy Research 2010; 3(11), 2615-19.)...0.74**

39. **Swati Rawat<sup>1\*</sup>** and Akhilesh Gupta<sup>2</sup>, “**Synthesis and Anti-inflammatory study of novel Fluoro- Benzothiazole Derivatives**”, (J. Chem. Pharm. Research 2010; 2(5), 244-58.)...**0.329**
40. **Rawat**, Akansha Jain, Shubham Jain, “**Emerging fungal infections among children: A review on its clinical manifestations, diagnosis, and prevention,**” 2010 (J Pharm Bioallied Sci. Oct-Dec; 2(4): 314–320..... **0.329**
41. **Swati Rawat**, Akansha Jain, Shubham Jain, **Emerging fungal Infections Among Children : A Review on its clinical manifestation, diagnosis and prevention** (Pharmacognosy reviews , 2(4), 2010, 314-20.) ..... **1.140**
42. **Swati Rawat<sup>2</sup>**Akhilesh Gupta<sup>\*1</sup>, Mayuri Gandhi<sup>3</sup> and Jaydeep. Singh Yadav<sup>1</sup> **Method Development and Hydrolytic Degradation Study of Doxofylline by RPHPLC and LC-MS/MS** (Asian J. Pharm. Ana. 2011; 1(1), 14-18). (ISSN: 22315675)...**0.28**
43. Rawat S, Atre K, Mane P, Mayee R “**Comparison between Marketed Formulations of Diclofenac Gel, Emugel and Spray for the Evaluation of Effect of Pressure and Temperature on Their Bioavailability**” (International Journal of Pharmaceutical and Clinical Research 2011; 3(1): 15-20.ISSN 0975 1556)..**0.4**
44. Swati Rawat, Akhilesh Gupta\* 1 , Rajkumar1 , Vimal Yadav1 , “**An analytical approach for the determination of amoxicillin and potassium clavulanate in pharmaceutical dosage form: Review** (Drug Invention Today )2011,3(4),35-37..... **6.369..**
45. Rawat Swati, Atre Kavita, Mane Prafulla, Mayee Rahul and ThosarAmbrish “**Adverse Event Reporting for a Dermatopharmacokinetic Study of Diclofenac sodium Topical Formulations**”(International Research Journal of Pharmacy 2011; 3(9): 185-187.ISSN 2230 8407)....**0.129**
46. **Swati R**, Rahul M, Ambrish T “**IN VIRO AND IN VIVO INVESTIGATION OF TOPICAL FORMULATIONS OF DICLOFENAC SODIUM** (Int. J. of Universal Phar.and Life Sciences, Sep- Oct,2011; 1(2), 1-11.)...**1.89**
47. **S. Rawat<sup>1\*</sup>** and Akhilesh Gupta<sup>2</sup>, “**Spectrophotometric method for Estimation of simultaneous nimesulide and Diclofenac Sodium in Pharmaceutical Dosage Forms**” (Asian J. Pharm. Ana. 2011; Vol. 1: Issue 4, 85-87.ISSN- 2231–5667/ISSN- 2231–5675)...**0.28**
48. **Rawat SS**, MayeeRV, “**Dermatopharmacokinetic approach to Evaluate and Compare the Pharmacokinetic Profile on Marketed Preparation of Diclofenac Sodium** (Int. J Phar.Clinical Research, 2011; 3(1), 1-4.)...**0.169**
49. Swati Rawat,Rahul Mayee and AbbrishT,“**Evaluation of effect of Temperature and Pressure on the Bioavailability of Diclofenac Topical Formulations** ( Indo-Global Journal of Pharmaceutical Sciences, 2011, 1(2) : 134-141.)....**0.675**

50. Swati Rawat and Rahul Mayee, **“Evaluation of effect of Pressure and Temperature on the Bioavailability of Marketed formulation of Diclofenac”** (Int. J. Current Research and Review), May 2011, 3(5) : 23-30.)....4.02
51. Swati Rawat, Atre K, Mane P and Rahul Mayee, **“Evaluation of effect of Pressure and Temperature on the Bioavailability of Marketed formulation of Diclofenac Gel”** (International Journal of Medical and Pharmaceutical Sciences), May 2011, 1(2) : 1-8.)....4.174
52. **Swati Rawat<sup>2</sup>** Akhilesh Gupta<sup>\*1</sup>, Mayuri Gandhi<sup>3</sup> and Rahul Namdeo **‘Method Development and Photolytic Degradation Study of Doxofylline by RPHPLC and LC-MS/MS’** (J. Pharm. Research, 2011; 4(4), 1248-50)....0.74
53. **Swati Rawat<sup>2</sup>** Akhilesh Gupta<sup>\*1</sup>, Mayuri Gandhi<sup>3</sup> and Rahul Namdeo **‘Method Development and Hydrolytic Degradation Study of Doxofylline by RPHPLC and LC-MS/MS’** (Asian J. Pharm. Ana. 2011; Vol. 1: Issue 1, Pg 14-18) [ISSN: 2231-5667]...0.28
54. **Swati Rawat<sup>2</sup>** Akhilesh Gupta<sup>\*1</sup>, Vimal Yadav and Jaydeep Yadav **‘An Analytical Approach of Doxofylline: A Review’** (Asian J. Pharma Ana, Dec 2011; (14), 67-70....0.28
55. Swati Rawat, Ambrish T and Rahul Mayee , **PENETRATION STUDY OF DICLOFENAC SODIUM USING THE HUMAN CADEVAR SKIN** (International Journal of Institutional Pharmacy and Life Sciences 1(2): September-October 2011,1-6,ISSN: 2231-2218)...0.47
56. **S Rawat**, S Malviya<sup>\*</sup>, M Verma, AKhariya **‘Preliminary Phytochemical Investigation of *Acacia nilotica* Linn. Plants’** (Int. J.Current Pharma Research, 2011; 1(2), 91-100)....4.02
57. **Swati R**, Rahul, Ambrish T, **“Development and Validation of HPLC Method for Determination of Diclofenac Sodium by Tape Stripping Method** (Asian J Pharm Biol Res Apr-Jun 2011 Vol. 1(3): 1-6.e ISSN: 2231-2218)...0.28
58. **Swati Rawat**, Sapna Malviya<sup>\*</sup>, AKhariya, **Comparative Evaluation of Oral Glucose tolerance test and Hypoglycemic activity of various Partsof *Acacia nilotica* Linn.in Normoglycaemic Rats** (Int.J. Pharmacy & Life Science, 2011; 2(6), 830- 7)....0.888
59. **Swati Rawat and Akhilesh Gupta<sup>\*</sup>** **‘Development of novel HPTLC method for estimation of Qurcetine in Ocimum sanctum.** (Asian J Pharm Technol. 2011;1(4):149-151.) (ISSN: 2231-5705)
60. **Swati Rawat**, Sapna Malviya,, **“Phytopharmacological Evaluation of *Acacia nilotica*Deile Bark Extract and its Fraction for its Effect on Antidiabetic and Antioxidant Activities of Glucose Metabolism in Alloxan Induced Diabetic Rats”** (Inventi Rapid Ethanopharmacology, 2012; 2(3), 1- 7....0.89

61. **Dnyanish Walunj, Yogesh Sharma, Swati Rawat and Kiran Bhise** “**Formulation Development and Evaluation of Tamoxifen Citrate Liquisolid System**”(Int J Pharm Bio Sci 2012 Oct; 3(4): (P) 591 – 603 ) [ ISSN0975-6299]...0.339
62. **Swati Rawat, Sapna Malviya, Anil Khariya and Meena Verma**, Medicinal **attributes of *Acacia nilotica* Linn. a comprehensive review on ethanopharmacological claims**” (Inventi Impact Planta Activa, 2012; 2(2), 92- 4)...0.76
63. **Swati Rawat, Sapna Malviya,** , Free radical scavenging assay of *Acacia nilotica* bark and its fraction, Inventi Impact: Ethnopharmacology Inventi: pep/685/12.
64. **Swati Rawat, Sapna Malviya,** “Comparative evaluation of oral glucose tolerance test and hypoglycemic activity of various parts of *Acacia nilotica* Linn in normoglycaemic rats” (Inventi Impact: Planta Activa,) 2012; 2(3): 92-94....0.76
65. **Swati.S Rawat\*** Vidya V Bankar Patil, Ankita Manibhai Patel, Swati D. Tathe , **Kalkotwar R S** , “EVALUATION AND QUALITY CONTROL OF NASAL SPRAY(Journal of Drug Delivery and Therapeutics, 2012: 2(4), ..0.51
66. **Swati S Rawat, Ansari Tahir\*, Kalkotwar R.S\***, Formulation and Evaluation of Oral Controlled Release Tablet Dosage Forms; A Review (Inventi Rapid Pharm tech, 2012; 2(3), 1- 9).....4.09
67. **Rawat Swati\*** and Motwani Sapna, A SHORT REVIEW ON APHRODISIAC (International Journal of Research and Development in Pharmacy and Life Science, 2012;1, 122- 5)...0.19
68. **Rawat Swati\*** and Motwani Sapna, PHYTOSOMAL DRUG DELIVERY SYSTEM(International Journal of Research and Development in Pharmacy and Life Science, 2012;1, 143- 50)...0.19
69. **Swati Rawat, Kantilal B. Narkhede, , Sharma Y.P, R. B. Laware** “ENHANCEMENT OF SOLUBILITY OF BICALUTAMIDE DRUG USING SOLID DISPERSION TECHNIQUE” ( Pharma Science Monitor; 2012, 3(4), 2739-48,ISSN: 0976-7908)...4.10
70. Rawat S, Wadhwa S\* Singhal Sarita, Saini Navdeep, Khichi Mahavir Pr, “**Transferosome: A versatile tool for transdermal drug delivery**”, (Journal of Pharmacy Research 2012;5(1):,610-615)....0.53
71. **S. Rawat\* S Jain, A Jain,** DESIGN AND DEVELOPMENT OF ORAL COLON TARGETED DRUG DELIVERY SYATEM OF DEXAMETHASONE (World Journal of Pharmaceutical Research, 2013;2(2), 331- 344, ISSN 2277-7105)...0.652
72. **Rawat Swati\*** Shital R Patil, and Y P Sharma “PREPARATION AND CHARACTERI ZATION OF ACETAZOLAMIDE HYDROXY PROPYL- B-CYCLODEXTRIN COMPLEXES PREPARED BY KNEADING METHOD USED IN OCULAR DRUG DELIVERY (Ind. Journal of Pharmaceutical Archive, 2013;2 (8), 208- 15, ISSN 2319-7226.)...0.762



73. **Rawat Swati\*** and Malviya Sapna, NANOTECHNOLOGY BASED Si RNA THERAPY(World Journal of Pharmacy and Pharmaceutical Sciences, 2013;2 (1), 392- 406, ISSN 2278-4357.)...0.652
74. **Swati Rawat<sup>2</sup>, ShailendraWadhwa\*<sup>1</sup>, Mangal Singh Panwar<sup>1</sup>, Navdeep Saini<sup>1</sup>, Sarita Singhal<sup>3</sup>** A REVIEW ON COMMERCIAL, TRADITIONAL USES, PHYTOCONSTITUENTS AND PHARMACOLOGICAL ACTIVITY OF *MORINGA OLEIFERA*(Global Journal of Traditional Medicinal System 2013;2 (1), 1-13.)
75. Swati Rawat, Pathak Vinay Madhav, , Sharma Y.P, Priyanshu Jain, Sagar B Thoke **AN APPROACH TO ENHANCE THE SOLUBILITY OF RIFAPENTINE BY SOLID DISPERSION TECHNIQUE USING HYDROPHILIC CARRIERS** (Journal of Drug Delivery & Therapeutics; 2013, 3(4), 8-14.ISSN: 2250-1177)...0.51
76. S. Rawat, “**Hydrocortisone Micro Emulsion for Parenteral Drug Delivery**”, (Am. J. Pharm Health Res 2013;1(4), 47-53. ISSN: 2321-3647)..0.865
77. **Rawat Swati**, Wadhwa S\*, Panwar Mangal Singh, Saini N, Singhal Sarita, “**A review on commercial, traditional uses, phytoconstituents and pharmacological activity of Moringa oleifera**”( Global Journal of Traditional Medicinal Systems 2013;2(1):1-13)
78. **Rawat Swati**, Wadhwa S\*, Agrawal Ashish, Singhal Sarita, “**Formulation and Evaluation of Anti Acne Herbal Cream containing Piperine**”( Inventi Rapid: Cosmeceuticals 2013;3:1-5.)...3.8
79. **Rawat Swati S Thoke Sagar B, Sharma Yogesh P., Nangude Satish L , “Formulation Development& Evaluation of Effervescent Tablet of Alendronate Sodium with Vitamin D<sub>3</sub>”** (*Journal of Drug Delivery & Therapeutics; 2013, 3(5), 65-74), ...0.51*
80. **Swati Rawat**, Pawar, Prashant B; Mahajan, Y Y; Galgatte, U C; Maheshwari, R K, “**Formulation Development and Evaluation of Aqueous Injection of Poorly Soluble Drug Made by Novel Application of Mixed Solvency Concept**” (*International Journal Of Drug Delivery* 2013, 5(2), 152-73166)....0.219
81. **Swati Rawat**, Swapnil Karande\*, Neha Pawar, Falguni Rohit, Yogesh Sharma , “**A Review On Solid Dispersion**” (*International Journal Of Universal Pharmacy and Lifesciences* 2013, 3(5), 50-73) .[ISSN:2249-6793]...1.893
82. Swati Rawat, Upendra Galgatte and Niranjana Bhadkwade “**Formulation and Evaluation of Oral Disintegrating Tablets of Lornoxicam by 3<sup>2</sup> Factorial Designs**” (Journal of Applied Pharmaceutical Science), 2013, 3:(8), S42-52.[ISSN:2231-3354]..0.289
83. Swati Rawat, Shailendra Wadhwa N. Saini 1 G. K. Singh<sup>2</sup> and Sarita Singhal “**Comparative Study Between Cultivated Garlic (*Allium Sativum*) and Wild Garlic (*Allium Tuberosum*)** (Asian Journal of Pharmaceutical Research and Development.), 2013, 1:(4), 108-125..[ISSN: 2320-4850]

84. Swati Rawat, Shailendra Wadhwa and Sarita Singhal **“In Vitro Dissolution Enhancement of Azithromycin in solid dispersion with PEG 6000 and  $\beta$ CD”** (J. Pharm. Biomed. Sci.), 2013, 6:(10), 551-56.[ISSN:22310-7885]...2.983
85. Swati S Rawat , Deepak K Bharti, Bharat V Dhokchawle, Savita J Tauro, **“Translational Pharmacology: New Approach of Drug Discovery”**(International Journal of Pharmacology and Pharmacotherapeutics, 2014, 3:(2),April-June, 130-35....5.71
86. Swati S Rawat, Sonawane Aravind R, Bhagyashree Khadse, Marathe Rajendra **“Crystal engineering of Nabumetone by cocrystallization”** (Journal of Biomedical and Pharmaceutical Research), 2014, 3:(1),April-June, 22-39.[ISSN:2279-0594], 1.093
87. Swati S Rawat, Sonawane Aravind R, Nawle Rajesh B **“Rapid Detection of Nabumetone Co crystal by DSC and FTIR”** (Inventi Rapid: NDDS), 2014, 4:(1), 1-4.[ISSN:0976-3791], Online at [www.inventi.in...0.76](http://www.inventi.in...0.76)
88. Swati S Rawat, Sonawane Aravind R, Jonalkar Nandkishore **“Crystal engineering of Nicorandil by cocrystallization”** (Powder Technology), 2014, 3:(1),April-June, 22-39.[ISSN:2279-0594], Online at [www.jbpr.in...0.61](http://www.jbpr.in...0.61)
89. Rawat Swati S ,Sonawane Aravind R, **“Nabumetone co crystal and Dispersible Tablet Development”** (Journal of Biomedical and Pharmaceutical Research), 2014, 3:(1),April-June, 22-39.[ISSN:2279-0594], Online at [www.jbpr.in...0.96](http://www.jbpr.in...0.96)
90. Swati S Rawat, Deepak K Bharati, Bharat V Dhokchawle P and Savita J Tauro **“Translation Pharmacology: New Approach of Drug Discovery.”** (Int J of Res in Pharmacology and Pharmacotherapeutics), 2014, 3:(2),130-5, .[ISSN:2278-266]....
91. Swati Rawat, Shailendra Wadhwa and Sarita Singhal **“Bioavailability Enhancement by Piperine: A Review”** (Asian Journal of Biomedical and Pharmaceutical Sciences; 4(36) 2014, 1-8.[ISSN:22310-7885]...0.96
92. Swati S Rawat, and Girish S Sonar **“Wurster technology: Process variables involved and Scale up science”** (Journal of Innovations in Pharmacy and Pharmaceutical Technology), 2015, 1:(1), 100-9.Online at [www.ipptechno.com....0.401](http://www.ipptechno.com....0.401)
93. WATI RAWAT, and GIRISH SONAR, **“OPTIMIZATION OF PANTOPRAZOLE ENTERIC PELLETS COATING PROCESS BY QBD: EFFECT OF COATING PROCESS VARIABLES ON THE INTERMEDIATE QUALITY OF THE PRODUCT ANDSCALE UP”** (Int. J. Pharmacy and Pharmaceutical Sciences.), 2015, 7:(12), 80-87.[ISSN:0975-1491]...5.016
94. Swati S Rawat, and Girish S Sonar **“Formulation and Design of Multiunit Particulate System (MUPS) Tablet of Pantoprazole by QbD : Study Effect of Formulation Variables on Tablet Characteristics”** (Int.J. PharmTech Res), 2015, 8:(8),5-23, .[ISSN:0974-4304]...0.411

95. Swati S Rawat, and Girish S Sonar “**Formulation and Design of Multiunit Particulate System (MUPS) Tablet of Pantoprazole by QbD : Effect of Compression Variables on the Finished Product**” (Journal of Applied Pharmaceutical Science), 2015, 5:(10),91-100, .[ISSN:2231-3354]..0.290
96. Swati S Rawat, Bharati D, Sharma P and Srivastava B “*Evaluation of In vivo Efficacy of Aqueous Leaf Extract of Phyllanthus Niruri in Diabetic Hypertensive Rats.*” (Ann Clin Exp Hypertension), 2015, 3:(3),1031-7, .[ISSN:2373-9258]...1.234
97. Swati S Rawat, Pavan Kumar Kothapuvvari and Dharna Bhikshapathi “**Estimation of almotriptan malate in oral film dosage form by RP-HPLC**” (Scholars Research Library Der Pharmacia Letter) 2015, 7(10):291-8, .[ISSN:0975-5071] online at www.Scholarsresearchlibrary...0.283
98. Swati S Rawat, Pavan Kumar Kothapuvvari and Dharna Bhikshapathi “**Fast dissolving oral films of almotriptan malate : Preparation and *in vitro/in vivo* evaluation**” (Journal of Innovations in Pharmacy and Pharmaceutical Technology), 2015, 1:(1), 111-125.Online at [www.ipptechno.co](http://www.ipptechno.co).....1.1
99. Swati S Rawat, Pavan Kumar Kothapuvvari and Darna Bhikshapathi “**Estimation of Eletriptan Hydrobromide in Oral Film Dosage Form by RP-HPLC**” (International Journal of Pharmaceutical Sciences and Drug Research), 2015, 7:(6), 484-88.Online at <http://www.ijpsdr.com>....0.83
- 100.Swati S Rawat, Pavan Kumar Kothapuvvari and D.V.R.N. Bhikshapathi “**Preparation, Optimization and In Vivo Evaluation of Eletriptan Hbr Fast Dissolving oral Films**” (International Journal of Pharmaceutical Sciences and Drug Research), 2015, 7:(3), 141-54.[ISSN:0975-0215....0.83
- 101.Swati S Rawat, “**Solubilization of some COX-2 Inhibitors through 2-HPβ CD comparison with hydrotropic solubilization**” (Inovation in Pharmacy and pharmaceutical Technology, 2015, 1 :(1), 110-120)...1.1
- 102.Swati Rawat , Biswajit Bhunia “**Process development, evaluation and controlling of parameters during formulation development of Loratadine as an ODT by QBD concept**” (Inovations in Pharmaceutical and Pharmacotherapy), 2015, 3:(4), 727-749. .[ISSN:2371-323X]...1.1
- 103.Swati S Rawat, Pavan Kumar Kothapuvvari and D.V.R.N. Bhikshapathi “**Estimation of Almotriptan malate in oral film dosage form by RP HPLC**” (Der pharmacia Lettre), 2015, 7:(10), 291-298...4.132
- 104.Swati S Rawat, Pavan Kumar Kothapuvvari and D.V.R.N. Bhikshapathi “**Estimation of Eletriptan hydrobromide in oral film dosage form by RP HPLC**” (International Journal of Pharmaceutical Sciences and Drug Research), 2015, 7:(6), 484-88. ...0.83
- 105.Swati Rawat, Deepak Bharati, Savita Tauro, Pankaj Sharma and B. Shrivastav *Diabetes with Hypertension: Etiology, Pathogenesis and Management*, (International Journal of integrative

- Sciences, Innovation and Technology (IJIIT), 2015, 4(4), 7 - 14. [ISSN:2278-1145]...4.224
106. Bharati D, Rawat S, Sharma P, Srivastava B *Evaluation of In vivo Efficacy of Aqueous Leaf Extract of Phyllanthus Niruri in Diabetic Hypertensive Rats. Ann Clin Exp Hypertension, (2015) 3(3): 1031. [ISSN:2373-9258]...1.234*
107. **Swati Rawat and Dinesh D Ghube\* Development and Evaluation of Novel Formulation by Minimizing Side Effects of Dithranol for skin disease ( Journal of Current Pharma Research. 2015;6(1):1712-1722. (ISSN: 2230-7842)**
108. **Swati Rawat and Dinesh D Ghube\* Compatibility Study of some Drugs Used in Dermatological Preparationse ( Inventi Rapid Pharm Tech 2020; (ISSN: 0976-3783), published on web on 24/06/2020 www.inventi.in**
109. Swati S Rawat, Bharati D, Sharma P and Srivastava B “*Evaluation of In vivo Efficacy of Aqueous Leaf Extract of Aerial Parts of Cyanodon dactylon in Rats with Simultaneous Type 2 Diabetes and Hypertension.*” (Current Bioactive Compound ), 2016, 12:(3),1-9, [ISSN:2373-9258]...0.237
110. Swati S Rawat, Pavan Kumar Kothapuvvari and Kishore Kumar Kadinpati “*Preparation, of Fast Dissolving oral Films of New Generation Anti Migraine Drugs by Solvent Casting Method*” (International Journal of Current Research), 2016, 8:(5), 30704-10.[ISSN:0975-833X]...7.749
111. Swati Rawat, Akhilesh Gupta “*Clinical importance of aloe vera: Review*” (Research Journal of Topical and Cosmetic Sciences.), 2017, 8(1), 30-39..[ ISSN Print : 0976-2981, ISSN Online : 2321-5844], (ISSN: 14682494)...1.481
112. Swati Rawat, Akhilesh Gupta and Prabhanshu Gupta “**Pharmacoepidemiology of Severe Systemic Infection and Need of Netilmicin Monotherapy or Combination Therapy: Systemic Review and Meta- Analysis ”** (Research Journal of pharmaceutical Dosage forms and Technology.), 2017, 9(3), 551-56..[ ISSN Print : 0975-234X, ISSN Online : 0975-4377]....2.606
113. Swati Rawat<sup>2</sup> Akhilesh Gupta\*<sup>1</sup>, Prabhanshu Gupta<sup>3</sup> ‘ **Clinical Research and Therapeutic Importance of Dietary Supplement LCarnitine: Review** (Asian Journal of Pharmaceutical Research 2018, 8(1), 1-12) [ ISSN 2231–5683 (Print) , 2231–5691 (Online )].0.460
114. Swati Rawat Akhilesh Gupta and Sradha Sangli ‘**Formulation and Evaluation of Floating Matrix Tablets of Acyclovir using 3<sup>2</sup> Factorial Design** (Research Journal of Pharmaceutical Dosage Forms and Technology. 10(1): 2018, 1-9 ) [ ISSN 0975-234X (Print) , 0975-4377 (Online)...2.606
115. Rawat S. S, Gadade D. D. \*, Lohade T. S , Lahoti S. R. , Maheshwari R. K. SOLUBILITY ENHANCEMENT OF OFLOXACIN BY MIXED SOLVENCY APPROACH, 2018 (Indian Drugs, 55 (06), 34-40)
116. Swati Rawat and Mayur Patni **Analytical Method Development and Validation for Estimation of Alpha Lipoic Acid in Bulk and Pharmaceutical Dosage Form by UV Spectrometric Method**” 2018, (J. Biol. Chem. Chron. 4(1), 67-70) .[ ISSN Print : 2454-7468, ISSN Online : 2454-7476]...4.010

117. Rawat and Mayur Patni “***In-vivo* Study for Evaluation of Novel Formulated Bilayered Tablet of Alpha Lipoic Acid and Metformin for Antidiabetic Activity** (J. Biol. Chem. Chron.) 2018, 4(3), 43-46) .[ ISSN Print : 2454-7476, ISSN Online : 2454-7476]
118. Swati Rawat and Mayur Patni “**Analytical Method Development and Validation for Estimation of Metformin Hydrochloride in Bulk and Pharmaceutical Dosage Form by UV Spectrometric Method**” (International Journal of Research in Clinical Medicine and Pharmacy Practice, 2018,1(1), 42-45...1.85
119. Rawat and Mayur Patni “**Design, Formulation and Evaluation of Alpha Lipoic Acid and Metformin Bilayer Tablet Dosage Form** ” (J. Biol. Chem. Chron.) 2018, 4(2), 151-158) .[ ISSN Print : 2454-7468, ISSN Online : 2454-7476]
120. Swati S Rawat and Chetan B Chure “**Overview of Particle Engineering: Spherical Crystallization Techniques**’ (Research Journal of Pharmaceutical, Biological and Chemical Sciences. 2018, 9(2), 1172-) [ ISSN : 0975-8585]...0.221
121. Swati Rawat and Akhilesh Gupta\* ‘**Formulation and Evaluation of floating matrix tablet of acyclovir using 32 factorial Design** (Res J Pharm Dos Forms Technol. 2018;10(1):1-9. (ISSN: 0975-4377)
122. Swati Rawat and Dinesh D Ghube\* **Compatibility Study of some Drugs Used in Dermatological Preparationse** ( Inventi Rapid Pharm Tech 2020; (ISSN: 0976-3783), published on web on 24/06/2020 [www.inventi.in](http://www.inventi.in)
123. Rawat and Mayur Patni “**In vivo Study for Evaluation of Novel Formulated Bilayer Tablet of Alpha Lipoic Acid and Metformin For search Activity** ” (J. Biol. Chem. Chron.) 2018, 4(3) 43-46) .[ ISSN Print : 2454-7468, ISSN Online : 2454-7476]
124. Swati Rawat, Vaishali Tikde, Srikant Madhekar, Vilash Arsul and R M Tigote\* ‘**A Review on mechanical Micronization: A Tool for Increasing Solubility** ( Journal of Emerging Technologies and Inovative Research. 2021;8(4):278-291 (ISSN: 2349-5162)
125. Swati Rawat, Vaishali N Tikde, Srikant Madhekar, Amanpreet Kaur and Renuka G Pawar\* ‘**Formulation Development and Evaluation of Sustained Release Matrix Tablet of Zaltoprofen** (International Journal of Pharmacy and Biological Science. 2021;11(2): 86-102 (ISSN: 2230-7605, **Print ISSN: 2321-3272**)
126. Swati Rawat, Pawan S Avhad, Revati Gupta and Raghubendra Dube. ‘**A Glance on Mucoadhesive System – Still more to Understand** (Research Journal of Science and Technogy. 2021;13(2): 133-141 (ISSN: 0975-4393, **Print ISSN: 2349-2988**)

127. Swati Rawat, and Abhishek S. Shahane. ‘Formulation Development and Evaluation of Extended-Release Tablet of Carvedilol Phosphate World Journal of Pharmaceutical Research. 2021;10(7): 630-652 (ISSN: 2277-7105, Print ISSN:)
128. Swati S. Rawat\* and Amol A. Ban . ‘Formulation Development and Evaluation of Cyclizine Hydrochloride orodispersible Tablet using new generation Excipient (World Journal of Pharmaceutical Research. 2021;10(8): 1016-1041 (ISSN: 2277-7105, Print ISSN:)
129. Swati S. Rawat\* and Amol Madane. ‘Design, Formulation and Evaluation of Donepezil Hydrochloride Film Coated” (World Journal of Pharmaceutical Research. 2021;10(10): 1215-1233 (ISSN: 2277-7105,)
130. Swati S. Rawat\* and Chetan R. Vaidya. ‘Formulation and Development of Salbutamol Pressurized Metered Dose Inhaler” (World Journal of Pharmaceutical Research. 2021;10(12): 1987- 2012 (ISSN: 2277-7105,)
131. Swati S. Rawat\* Yogesh P Sharma and Chetan A. Dande. ‘Formulation and Development of Sustained Release Tablet Of Doxophylline” (World Journal of Pharmaceutical Research. 2021;10(13): 1350-1374 (ISSN: 2277-7105 )
132. Swati S. Rawat\* and Falguniben. I. Rohit . ‘Formulation and Evaluation Of Sustained Release Matrix Tablets Of Glipizide (World Journal of Pharmaceutical Research. 2021;10(13): 1669-1695. (ISSN: 2277-7105,)

**Books:** 1. **Pharmaceutics-1: For Diploma students.**  
2. **Pharmacognosy and Phytochemistry**  
3. **Chemical Kinetics**

**Monograph:**

“Introduction to Pharmacognosy and Phytochemistry”

**Patent Applied:**

1. Sonawane Aravind R and Rawat Swati S., Pharmaceutical Co crystal composition of Nicorandil: Appli No: **3239/MUM/2012**
2. Sonawane Aravind R and Rawat Swati S., Pharmaceutical Co crystal composition of Nabumetone: Appli No: **3239/MUM/2012**

**Recipient of best research article award in Pharmaceutics by IDMA, Mumbai (2006)**

**Training:**

Completed 6 months Industrial Training as Graduate Apprentice at Dey’s Medical Stores (Manufacturing) Limited. Calcutta

Completed 4 weeks of vocational Industrial Training at Dey’s Medical Stores (Manufacturing) Limited. Calcutta

Completed 3 weeks of vocational Industrial Training at Albert David Limited, Calcutta

Completed 6 months practical training, conducted by State Welfare Center, Ranchi.

**Workshop attended:**

On “Intellectual Property Rights (IPR) Patent Awareness” conducted by Dr. BAM University, Aurangabad. On apprenticeship course, MIT college, Aurangabad, 2001, On “Orientation Programme” conducted by Maharashtra University of Health Science, Nasik Completed 10 weeks long intensive Theatre Workshop Conducted by National School of Drama, Delhi.

**Certificate course attended:**

Passed with distinction in Beauty Culture, conducted by Maharashtra State Board of Vocational Examination, Bombay.

**Affiliations:**

Life member of IPA (LM/MAH/ AUR/ 0047),  
Life member of APTI (MA/LM –226).  
Life member of ISTE (LM –47724).  
Life member of IPA (LM/MAH/ AUR/ 0047)

**PCI registration No:**

**Maharashtra state Pharmacy Council; 50171**

**Awards and Scholarships:**

Junior Research fellowship for pursuing post graduation by UGC. Merit Scholarship for pursuing under graduation courses by State Government.

**Extra – Curricular Activities:**

- **Recipient of Third prize in inter College Chorus Competition, BIT Mesra, Ranchi**
- **Recipient of First prize in Collage Competition, Pharmaceutical society of Sagar, Sagar**
- **Recipient of Second prize in watercolor competition, BIT Mesra, Ranchi**
- **Recipient of First prize in inter college on the spot Collage Competition, BIT Mesra, Ranchi.**
- **Recipient of Second prize in Folk Lore in Annual day celebration, BIT Mesra, Ranchi.**
- **Recipient of Second prize in Preparation of Industrial Products. BIT Mesra, Ranchi.**

**Computer Literacy: MS- Office, Web surfing, MS-CIT (78%)**

**References:**

**Prof. Dr. S.K. Jain**  
**Dept. of Pharmaceutical Sciences**  
**Dr. Harisingh Gour Vishwavidyalya**  
**Sagar, M.P. India 470003**

**Prof. Dr. S. P. Vyas,**  
**Dept. of Pharmaceutical Sciences**  
**Dr. Harisingh Gour Vishwavidyalya**  
**Sagar, M.P. India 470003**

**Date:**  
**Place:**

**Signature**  
**(Dr. Swati. S. Rawat)**