

The faculty and the students are active in the research work and the work is carried out in the laboratories of the college. The research findings of the faculty members are published in various journals of repute and the individual faculty publications can be given as follows:

Publications of Prof. Dr. P. D. Chaudhari:

1. Kolthe V. V. and Chaudhari P. D., Stabilization of amorphous form of poorly water soluble drug and hence solubility enhancement using poloxamer – 188 and Gelucire – 50/13, Indian drugs, 48 (02), Feb. 2011, 2025 – 2037.
2. Viraj V. Kolthe and Praveen D. Chaudhari, Characterization of Etoricoxib solid dispersion prepared by spray drying technique, Research Journal of Pharmacy and Technology, 3 (4), Oct – Dec. 2010, 1158 – 1166.
3. Pawar Poonam N, Chintawar Pawan T, Harde Minal , Ingale Pramod L, Chaudhari Praveen D, Simultaneous spectrophotometric estimation of Gatifloxacin and Ketorolac tromethamine in bulk drug and in ophthalmic dosage form, Journal of Pharmaceutical Research, Vol. 10, No.1 , Jan. 2011, 21 -24.
4. K. A. Kedar, U. V. Marakana, P. D. Chaudhari, Evaluation of suspending property of fruit mucilage of *Abelmoschus Esculentus* (L) medie., Research Journal of Pharmacy and Technology , 3 (4), Oct – Dec. 2010, 1036 – 1038.
5. P. D. Chaudhari, M. A. Phanse, S. Birambole, Dr. S. R. Pattan, R. S. Dhikale, Dr. D. G. Baheti, Dr. U. B. Shetkar, Causes and treatment for colon and lung cancer, Pharmacologyonline 1, 917-930 (2010).
6. P. D. Chaudhari, M. A. Phanse, S. Birambole, Dr. S. R. Pattan, Dr. M. J. Patil, R. S. Dhikale, Cytotoxic assay for lung and colon cancer, Pharmacologyonline 1, 979-995 (2010).
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9. Dr.P.D.Chaudhari, P.S.Uttekar, Melt-Sonocrystallization: A Novel Particle Engineering Technique for Solubility Enhancement., International Journal of PharmTech Research, Vol.1,No.1,pp 111-120, Jan – March 2009
10. Chaudhari Praveen, Ajab Amit, Malpure Prashant, Kolsure Pramod, Development and *In-Vitro* Evaluation of Thermoreversible Nasal Gel Formulations of Rizatriptan Benzoate, Indian J.Pharm. Educ. Res. 43(1), Jan-Mar, 2009
- 11.Prashant S. Malpure, Praveen D. Chaudhari, Amit B. Ajab, Devidas A. Sanap, Hiren D. Bhagat, Formulation and Evaluation of Enteric Coated Timed-Release Press-Coated Tablets for Colon Targeting, Indian J.Pharm. Educ. Res. 43(1), Jan-Mar, 2009
- 12.Praveen Chaudhari, Pravin Uttakar, Nishant Waria and Amit Ajab, Study of Different Crystal Habits Formed by Recrystallization Process and Study Effect of Variables, Research J. Pharm. and Tech. 1(4): Oct.- Dec. 2008.
- 13.P. D. Chaudhari, Rahul V. Haware, S. R. Parekh, A. Bauer-Brandl " Development of a melting tablet containing Prometazine Hydrochloride against motion sickness", AAPS PharmSciTech ,
- 14.Chaudhari Pravin, Chaudhari Shilpa, Barhate Nilesh, Mistry Chetan and Kolsure Pramod, Design and Evaluation of Bilayer Floating Tabletes of Tizanidine Hydrochloride Indian journal of pharmaceutical education and research, 42(1)Jan-Mar,2008

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17. Panpalia Surendra, Chaudhari Pravin, Garala Romal, Nanotechnology in diagnosis and treatment of cancer, Pharmainfo, Nov-2007.
18. Chaudhari P.D, Irchhaiya Raghuvir, Hitha S. Salian, Chaudhari Shilpa, Sunil Niranjan, Malpure Prashant, Ajab amit, Preparation and characterization of Meloxicam Brij-58 granules obtained by Melt granulation technique, Current Pharma Research Journal, Vol-02, Issue-01, August 2007.
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Publications of Mr. A. A. Phatak:

1. Atul A Phatak, Rajendra D Patankar, Upendra C Galgatte,, Sadanand Y Paranjape,, Aditya S Deshpande, Arvind K Pande, Rebecca Thombre; Antimicrobial activity of a poly-herbal extract against dental micro flora; *RJPBCS*; 2 (2), 2011; 533-539 (ISSN: 0975-8585)
- 2.Atul A. Phatak,Swarnil S. Desai;Study of growth pattern of actinomycetes species in various nutrient medium ; *International Journal of Pharmacy and Pharmaceutical Sciences*; 2 (4); 2010; 42-45 (ISSN- 0975-1491)
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7. Rebecca Thombre, Akshada Khadpekar, Atul Phatak; Anti-bacterial activity of various medicinal plants against mixed dental flora; *RJPBCS* ; 3 (3); 2012;179-182 (ISSN: 0975-8585)
1. K. Pratyusha, Nikita M. Gaikwad, A.A Phatak, P.D Chaudhari; Review on: waste material management in pharmaceutical industry; *Int. J. Pharm. Sci. Rev. Res.*, 16(2), 2012; 121-129 (ISSN 0976 – 044X)

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7. Validated HPTLC Method for Simultaneous Determination of Olmesartan Medoxomil and Metoprolol Succinate in Tablet Dosage Form; Indian Drugs; 49/10/IDMA/2012; 13-17; ISSN
8. Development and Validation of RP-HPLC Method for Simultaneous Estimation of Olmesartan Medoxomil and Metoprolol Succinate in Bulk and Dosage Form; Indian Drugs; 49/1/IDMA/2012; 50-53; ISSN
9. Simultaneous Estimation of Sitagliptin and Metformin Hydrochloride in Bulk and Dosage form by UV Spectrophotometry; J. of Pharmacy Res; 5/1/2012; ISSN
10. Development and Validation of HPTLC Method for the Simultaneous Estimation of Thiocolchicoside and Dexketoprofen in Bulk and Tablet Dosage Form; J. of Pharm Res (New J. BioMedRx); 5/8/2012; ISSN

11. Development and Validation of RP-HPLC Method for Simultaneous Estimation of Thiocolchicoside and Dexketoprofen in Bulk and Tablet Dosage form; J. of Pharm Res; 4/4/2012; 1797-1802; ISSN
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17. Synthesis and Pharmacology of Some Aryloxypropanolamine derivatives; Asian J. of Res in Chem; 4/5/2011; 757- 760; ISSN
18. Synthesis and Beta Blocking Activity of Some Newer Aryloxypropanolamines; Indian Drugs; 48/2/2011; 19-24; ISSN
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21. Antiacne properties of Honey in combination of Cinnamomum zeylanicum and Rubia Cardifolia L; Adv Pharmacol and Toxicol; 8 (2) / 2007 ; 75-77; ISSN
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List of publications of Dr. D. D. Bandawane:

1. Anti-inflammatory and analgesic activities of petroleum ether and ethyl acetate fractions of *Tamarindus indica seeds*; Oriental Pharmacy and Experimental Medicine; DOI 10.1007/s 13596-013-0116-4; Springer/2013
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16. Long term treatment of antitubercular drugs induced hepatotoxicity, a new model for testing hepatoprotective formulations; The Indian Practitioner; 54/4/2001; 266-272; ISSN
17. Study of effect of milrinone, a selective phosphodiesterase inhibitor on cardiac response to catecholamines The Indian Practitioner; 53/5/2000; 301-304; ISSN
18. Mechanism of antidiarrhoeal activity of Kutajarishta, an ayurvedic formulation; Indian Drugs ; 37/10/IDMA/2000; 478-480; ISSN
19. Study of antidiarrhoeal activity of *Alstonia scholaris* bark (1999); Indian Drugs; 36/7/IDMA/1999 463-465; ISSN

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1. Ulcer healing properties of different extracts of *Origanum majorana* in streptozotocin-nicotinamide induced diabetic rats.; Asian Pacific Journal of Tropical Disease; 2(4):2012; 312-318; ISSN 2222-1808
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List of publications by Mr. V. V. Chopade:

1. Evaluation of antioxidant potential of some marketed herbal eye drops V.V. Chopade, S. A. Polshettiwar, R. O. Ganjiwale and P. G. Yeole; The Antiseptic; Vol. 103 (4),2006; 146-148; ISSN: 0003-5998 established year 1904.
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4. Formulation And In-Vitro Evaluation Of Praval Bhasma Tablet V.V. Chopade, R. O. Ganjiwale, S. A. Polshettiwar and P. G. Yeole.; Asian Journal of Pharmaceutics; April, Vol. 1, 2007; 37-39, ISSN : 6785-3216.; IMPACT FACTOR is 0.46
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11. Sensitive Analytical Methods for Determination of Stability of Drugs in Pharmaceutical Dosage Forms V.V. Chopade, S. J. Kshirsagar and A.N.Tankar”, Pharmainfo.net; 01 March. 2007; ISSN 1918-5561
12. Analgesic effects of methanolic extract of Capparis zeylanica linn. roots.V.V. Chopade and Aman B. Upaganlawar; Pharmacognosy Magazine; Vol 4, Issue 13 (Suppl), Jan-Mar, 2008; 123-126; Impact Factor 1.525; ISSN: 0973-1296
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16. Green Tea (*Camellia sinensis*): Chemistry, Traditional, Medicinal uses and its Pharmacological activities- a review." Vitthal V. Chopade, Atul A. Phatak, Aman B. Upaganlawar and Anil A. Tankar (Review), *Pharmacognosy Magazine*; Vol 2, Issue 3, Jan-June, 2008; 134-138.; Impact Factor 1.525; ISSN: 0973-1296
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List of publications by Ms. A. R. Balap:

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