

LIST OF PUBLICATIONS

MVP SAMAJ'S COLLEGE OF PHARMACY, NASHIK

Dr. D.V. Derle

1. Pawar AY., Hiray AP., Sonawane DD., Bhambar R.S., Derle DV. Ahire YS. Convalescent plasma: A possible treatment protocol for COVID- 19 patients suffering from diabetes or underlying liver diseases (2020) Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 14 (4), pp. 665-669.
2. Dr. DV Derle and AL Lahane, Gastroretentive Drug Delivery System: A Review (2019) European Journal of Biomedical and Pharmaceutical sciences, ISSN 2349-8870 Volume: 6 Issue: 1 263-270.
3. Dr. DV. Derle, S. Shoeb, E. Patil, D. Sayyad, A. Pingat, Ankita Gaidhane, Topical Microsponge Gel ISSN (2020) European Journal of Biomedical and Pharmaceutical sciences, 2349-8870 Volume: 7 Issue: 1, 292-297.
4. Dr. DV Derle, V. Shelke, E. Patil, Sayyed S. and AD Derle, Application Of Quality By Design Approach For Development And Validation Of Analytical Rp-Hplc Method For Lurasidone In Bulk And Tablet Dosage Form
5. SR Pawar, Dr. DV Derle and SB Khatale. Formulation And Evaluation Of Luliconazole Solid Dispersion Incorporated Gels; European Journal of Molecular& Clinical Medicine, 2021,8(10), 360-374
6. Pawar AY, Harak YS, Tambe SR, Talele SG, Sonawane DD, Derle DV. Solid SMEDDS: An approach for dissolution rate enhancement using telmisartan as model drug. J Rep Pharm Sci 2021;10:198-208.

Dr. M.P. Wagh

1. Darekar A. Bele, M. Wagh, M., Nawale, V., Saudagar, R.A. Review on Nanocomposite Drug Delivery, Journal of Drug Delivery and Therapeutics 2019; 9 (2), pp. 529-536.
2. Malode, S.S., Wagh, M.P. Formulation and evaluation of orodispersible tablets containing taste masked mirabegron resinate (2021) Research Journal of Pharmacy and Technology, 14 (9), pp. 4736-4742.

Dr. G.B.Jadhav

1. Jadhav, GB., Bhure, RR., Mundlod, KN., Pingle, AP. Effect of *Cuscuta reflexa* extract on experimentally induced hypertension in normal and streptozotocin induced diabetes in rats (2020) Research Journal of Pharmacy and Technology, 13 (3), pp. 1351-1355
2. Jadhav, GB., Deshmukh, AC., Mundlod, KN. Effect of linagliptin and niclosamide on streptozotocin induced diabetic neuropathy in rats (2020) Research Journal of Pharmacy and Technology, 13 (5), pp. 2101-2106.
3. Vikas N. Telvekar, Krishna N. Mundlod, Ghanshyam B. Jadhav, Navnath T. Hatvate, Shrikant M. Ghodse. Synthesis of Novel molecular hybrid 3-(4,5-dihydro-1H-pyrazol-3-yl)-4-hydroxy-2H-chromen-2-one derivatives and In Vitro α -glucosidase and α -amylase inhibitory activity. Research Journal of Pharmacy and Technology Year: 2020, Volume: 13, Issue: 10:4529- 4534. <http://dx.doi.org/10.5958/0974-360X.2020.00798.2>
4. Swati B.Pokale, Dr.Ghanshyam Jadhav, Polycystic Ovary Syndrome Activity of Different Plants Used In Traditional Medicine, International Journal of Pharmaceutical Research, 2021, Vol- 13, Issue-3.

5. Swati Babasaheb Pokale, Ghanshyam Balkrishna Jadhav, The therapeutic effect of Piper longum Linn. Fruits in testosterone induced polycystic ovarian syndrome in female wistar rats, Journal of n Medical pharmaceutical and allied sciences, International conference 1 - Issue 1, 1209, October - November 2021, 92-100.
6. Pokale, Swati B; Jadhav, Ghanshayam, Piper longum (Linn.) restores ovarian function in Letrozole induced PCOS in Rats: Comparison with Metformin and Clomiphene citrate, Research Journal of Pharmacy and Technology; Raipur, Vol. 14, Issue. 10, (Oct 2021): 5190-5196.
7. Dr. Ghansham Jadhav, Protective effect of beta carotene and turmeric extract against alloxan Generated Oxidative stress induced Diabetes, journal of Seybold Report, 2020, vol-15 (9), 1218- 1245.
8. Dr. Ghanshyam Balakrishna Jadhav, Several pathways involved in cardiac fibrosis which helps to Discover better treatment, International Journal of Research in Pharmacology & Pharmacotherapeutics, Vol-9(1) 2020, 93-99.

Dr. A.P. Pingale

1. Jadhav, GB., Bhure, RR., Mundlod, KN., Pingle, AP. Effect of *Cuscuta reflexa* extract on experimentally induced hypertension in normal and streptozotocin induced diabetes in rats (2020) Research Journal of Pharmacy and Technology, 13 (3), pp. 1351-1355
2. Standardisation and Phytochemical evaluation of *Cassia siamea* leaves, International journal of botany studies.
3. AA Wakchaure, TS Ugale, Giloya (*Tinospora Cardifolia*): Pharmacognosy, Phytochemistry, Pharmacological Aspects and its Therapeutic External Dosage Forms. International Journal of All Research Education and Scientific Methods; 2022; vol 10; issue 4; 1497-1499.

Dr. A.N. Aher

1. Shraddha Dhanokar, Mayuri Kale, Anil Kumar Aher , Sonali Gawali Comparative Investigation Of Anti-Inflammatory Nirgundi Oil And Castor Oil By Physicochemical, Phytochemical And Chromatographic Techniques: International Journal Of Research In Pharmacy And Chemistry, 2020.
2. Mayuri Kale, Anilkumar Aher And Sonali Gawali. Physicochemical, Phytochemical And Chromatographic Investigation Of Neem (Azadirachta Indica) Seed Oil; International Journal Of Research In Pharmacy And Chemistry: 2020.
3. Shraddha Dhanokar, Anilkumar Aher, Sonali Gawali. Pharmacognostic And Physiochemical Investigation Of Vitex Negundo (Lamiaceae).; Current Trends in Pharmacy and Pharmaceutical Chemistry 2020
4. Luffa acutangula- Hepatoprotective medicine, Int J of Pharmacy and Pharmaceutical Research 2019 15(4) 263-276.
5. Aher AN. Asparagus racemosus: A review on Pharmacognostic characters, Phytochemistry and

- pharmacological activities, *Current trends in Pharmacy and Pharmaceutical chemistry* 2020, 2(3) pg 18-23.
- Aher AN, Agrawal MR. Isolation, characterization of phytoconstituents from petroleum ether extract of *Momordica balsamina* and its quantitative analysis by HPTLC, *Research Journal of Pharmacognosy and Phytochemistry* 2020, 12 (3) pg 156-161.
 - A Review on Phytochemical and Pharmacological Action of *Clerodendrum serratum* Linn. (Bharangi), *World Journal of Pharmaceutical Research* 9(12)2020, pg 229-236.
 - A Review on Phytochemical and Pharmacological Action of *Limonia acidissima* L.: A Multipotent Medicinal Plant Used as Nutraceutical, Food And Herbal Cosmetics *World Journal of Pharmaceutical Research* 9(12)2020, 131-140.
 - Aher AN. A review on: phytochemical and pharmacological study of *Annona squamosa*, *pharma tutor*; 2019; 7(1) 5-10.
 - Charulata Tushar Nemade and Anilkumar N Aher 2022 Pharmacognostic Study and Establishment of Quality Parameters of *Quisqualis indica* Linn. *Leaves Electrochemical Society Transactions*, Volume 107, Issue 1, pp.14363-14380

Dr. L.A. Kawale

- Nade VS, Mardhekar VY, Bhoje UR, Kawale LA. Investigation of the neuroprotective effect of linagliptin and celiprolol in reserpine-induced orofacial dyskinesia and rotenone-induced neurodegeneration in rats (2020) *Int J Curr Pharm Res*, 12, pp. 63-71.
- Nade VS, Tajanpure AB. (2020). Phytoanalytical characterization of Liriodendrine in punarnava root extract with modern analytical techniques. *International Journal of all research education and scientific methods*. 12 (8); 958-966.
- Nade VS, Tajanpure AB, Kawale LA. (2021). Liriodendrin, ameliorates hypertension by calcium channel blockade and enhancing eNos expression in wistar rats. *Cardiometry*. 20; 47-59.
- Nade VS, Lajurkar SV, Jadhav VH, Kawale LA. (2021). Neuroprotective effect of Morin hydrate and gemigliptin against parkinson's disease. *British Journal of Pharmaceutical and Medical Research*. 1(6); 2955-2972.
- Kawale LA, Nade VS, Deshmukh R, Dumbare MR. (2020). Synthesis and oral Kawale LA, Nade VS, Deshmukh R, Dumbare MR. (2020). Synthesis and oral hypoglycemic activity of some new sulphonyl linkage Thiazolidine-2, 4-diones. *Int. J. Pharm. Sci. Drug Res*. 12(6):598-606.
- Nade VS, Mardhekar VY, Bhoje UR, Kawale LA. (2020). Investigation of the neuroprotective effect of Linagliptin and Celiprolol in Reserpine-induced orofacial dyskinesia and Rotenone-induced neurodegeneration in rats. *International Journal of Current Pharmaceutical Research*. 12(1), 63-71.
- Phadtare, D. G., & Kawale, L. A. (2022). Synthesis and biological evaluation of substituted quinazoline derivatives. *International Journal of Health Sciences*, 6(S8), 4645–4655. <https://doi.org/10.53730/ijhs.v6nS8.13263>

Dr. M. H. Bele

1. Pritesh. V. More, Dr. Mrudula. H. Bele, Jignasha. A. Mhatre, Shweta. J. Gangurde, Sunil. B. Rathod, Sachin. S. Warkad, Enhancing the Oral Bioavailability of Poorly Water Soluble BCS Class IV Drug Docetaxel Using Mesoporous Silica Nanoparticles, International Journal of Science and Research (IJSR), Volume 9 Issue 2, February 2020,149-156.
2. Datir SR, Kumar D, Kumar P, Jain S, Bansal AK, Nallamothe B, Thakore SD, Bele MH. Study of Different Crystal Habits of Aprepitant: Dissolution and Material Attributes. *Applied Sciences*. 2021; 11(12):5604. <https://doi.org/10.3390/app11125604>
3. Darekar A. Bele, M. Wagh, M., Nawale, V., Saudagar, R.A. Review on Nanocomposite Drug Delivery, *Journal of Drug Delivery and Therapeutics* 2019; 9 (2), pp. 529-536.

Dr. V.S. Nade

1. Nade VS, Mardhekar VY, Bhoje UR, Kawale LA. Investigation of the neuroprotective effect of linagliptin and celiprolol in reserpine-induced orofacial dyskinesia and rotenone-induced neurodegeneration in rats (2020) *Int J Curr Pharm Res*, 12, pp. 63-71.
2. Nade VS, Ruikar AN. (2020) Prevalence of psychological disorders with presence of comorbidities during COVID-19 outbreak in the population of Maharashtra State: A Correlational Study. *International Journal of Research and Review*. 7 (11), 465-476.
3. Nade VS, Tajanpure AB. (2020). Phytoanalytical characterization of Liriodendrine in punarnava root extract with modern analytical techniques. *International Journal of all research education and scientific methods*. 12 (8); 958-966.
4. Nade VS, Tajanpure AB. Kawale LA. (2021). Liriodendrin, ameliorates hypertension by calcium channel blockade and enhancing eNos expression in wistar rats. *Cardiometry*. 20; 47-59.
5. Nade VS, Lajurkar SV, Jadhav VH, Kawale LA. (2021). Neuroprotective effect of Morin hydrate and gemigliptin against parkinson's disease. *British Journal of Pharmaceutical and Medical Research*. 1(6); 2955-2972.
6. Kawale LA, Nade VS, Deshmukh R, Dumbare MR. (2020). Synthesis and oral Kawale LA, Nade VS, Deshmukh R, Dumbare MR. (2020). Synthesis and oral hypoglycemic activity of some new sulphonyl linkage Thiazolidine-2, 4-diones. *Int. J. Pharm. Sci. Drug Res*. 12(6):598-606.
7. Nade VS, Mardhekar VY, Bhoje UR, Kawale LA. (2020). Investigation of the neuroprotective effect of Linagliptin and Celiprolol in Reserpine-induced orofacial dyskinesia and Rotenone-induced neurodegeneration in rats. *International Journal of Current Pharmaceutical Research*. 12(1), 63-71.

Dr. K.N. Munload

1. Jadhav, GB., Bhure, RR., Mundlod, KN., Pingle, AP. Effect of *Cuscuta reflexa* extract on experimentally induced hypertension in normal and streptozotocin induced diabetes in rats (2020) *Research Journal of Pharmacy and Technology*, 13 (3), pp. 1351-1355
2. Jadhav, GB., Deshmukh, AC., Mundlod, KN. Effect of linagliptin and niclosamide on streptozotocin induced diabetic neuropathy in rats (2020) *Research Journal of Pharmacy and Technology*, 13 (5), pp. 2101-2106.

3. Vikas N. Telvekar, Krishna N. Mundlod, Ghanshyam B. Jadhav, Navnath T. Hatvate, Shrikant M. Ghodse. Synthesis of Novel molecular hybrid 3-(4,5-dihydro-1H-pyrazol-3-yl)-4-hydroxy-2H-chromen-2-one derivatives and In Vitro α -glucosidase and α -amylase inhibitory activity. Research Journal of Pharmacy and Technology Year: 2020, Volume: 13, Issue: 10:4529- 4534.
4. Navnath T. Hatvate, Shrikant M. Ghodse, Krishna N. Mundlod and Vikas N. Telvekar* Metal-Free Synthesis of Pyrimidinone Derivatives via Biginelli Reaction Using Aqueous NaCl₂. Bentham Science. Letters in Organic Chemistry. (2020) 17, (8), 613 – 617.

Dr. A.S. Jagdale

1. Jagdale AS, Microwave Assisted Synthesis A Green Approach For Synthesis Of Benzofused Nitrogen Containing Heterocyclic Derivatives, World Journal of Pharmaceutical Research, Volume 8, Issue 2, 2019 ,1611-1621.
2. Jagdale AS, Significant Pharmacological / Biological Activities Of Novel Quinazoline Derivatives In Medicinal Chemistry, World Journal of Pharmaceutical Research, Vol 8, Issue 3, 2019., 498-508.
3. Jagdale AS. Quinazoline A Scaffold With Antimicrobial And Anticonvulsant Activity: Overview, World Journal of Pharmaceutical Research, Volume 8, Issue 2, 2019, 440-449.
4. Jagdale AS, Amrutkar SV, Synthesis and Evaluation of Some 2-Phenyl-4-(Substituted Phenylamines)-Benzo-1,3-Diazine Derivatives with Antimicrobial Activities, International Journal of Scientific Research and Reviews, 2019, 8(1), 3060-3068
5. Jagdale AS, Shaha MM, The Impact of Analytical Quality by Design (AQBD) In the Method Development of Liquid Chromatography for Quality Control of Pharmaceuticals: A Review , International Journal of Scientific Research and Reviews, 2019, 8(1), 2561-2574
6. Jagdale AS, Development and Validation of a Stability Indicating RP-HPLC Method for Determination of Eperisone Hydrochloride in Bulk Drug , Current Pharma Research, 2020, 10(4), 3877-3893
7. Jagdale AS. Overview on development and validation of routine analytical and bioanalytical methods for the determination of Dronedarone Hydrochloride in bulk and tablet dosage form , Current trends in Pharmacy and Pharmaceutical chemistry, 2(3), 2020, 24-47
8. Jagdale AS, Overview on development and validation of routine analytical and Bioanalytical Methods for the determination of Rufinamide in bulk and tablet dosage form. Current trends in Pharmacy and Pharmaceutical chemistry, 2(3), 2020, 48-63.
9. Jagdale AS, Overviews on General Concept and Requirements of Bioequivalence with Example Rufinamide, Current trends in Pharmacy and Pharmaceutical chemistry, 2(3), 2020, 64-73
10. Jagdale AS, Wagh SB, Synthesis and Evaluation of Antifungal Activity of N-Methyl-2- α -[(N4 -Aryl) Piperazin-1-yl] Ethyl Benzimidazoles, Der Pharma Chemica, 2021, 13(S1): 13-21
11. Jagdale AS, Development and validation of RP-HPLC method for estimation of brexpiprazole in its bulk and tablet dosage form using Quality by Design approach, Future Journal of Pharmaceutical Sciences (2021) 7:142
12. S R Nikam, A S Jagdale , S S Boraste, Bioanalysis-Method Development, Validation, Sample Preparation ,its detection techniques and its Application, Asian Journal of Pharmaceutical Analysis, 2021; 11 (4):297-

305.

13. S R Nikam, A S Jagdale , S S Boraste, Bioanalytical method development and validation of azilsartan medoxomil potassium in human plasma by reversed-phase-high-performance liquid chromatographic with solid-phase extraction and its application in bioequivalence study, Innovative Journal of Medical Sciences 2021; 5(2):31-39

Dr. M.R. Dumbare

1. GK Dhikale, RL. Sawant, MR. Dumbare, "Microwave Assisted Synthesis and Molecular Modeling Studies of Some Novel Polo-like Kinase 1 Inhibitors as Anticancer and Anti-inflammatory Agents", International Research Journal of Pharmacy, 11 (4), 2020, 56-65
2. MR Dumbare, Study of Different Parameters on Formulation, Phytochemical and Pharmacological profile of Liquorice Wine. Natural Volatile and Essential Oils, 2021, 8(5), 13489-13504.
3. MR. Dumbare, Geometrical Correction Method for Simultaneous Estimation of Azilsartan Medoxomil and Amlodipine Besylate from Biological sample, Natural Volatile and Essential Oils, 2021, 8(4), 16787-16796.
4. MR Dumbare, Study of Different Parameters on Formulation, Phytochemical and Pharmacological profile of Liquorice Wine. Natural Volatile and Essential Oils, 2021, 8(5), 13489-13504.

Dr. G.K. Dhikale

1. GK Dhikale, RL. Sawant, MR. Dumbare, "Microwave Assisted Synthesis and Molecular Modeling Studies of Some Novel Polo-like Kinase 1 Inhibitors as Anticancer and Anti-inflammatory Agents", International Research Journal of Pharmacy, 11 (4), 2020, 56-65

Mr. S.B. Khatale

1. Chaudhari NS, Khatale SB, Kandekar PS, Kale AS, Salunke GB and Ahire PV. Review On Green Synthesis Of Silver Nanoparticles: Method, Application And Toxicity; World Journal of Pharmaceutical Research: Vol 9, Issue 6, 2020 1316-1327.
2. Khatale S. Chaudhary NS. Dissolution profile comparison of two marketed favipiravir tablets. International Journal of Pharmaceutical Research ; 2021 13(1):2351-2353
3. AA Wakchaure, SB Khatale, Review on Combination of Dapagliflozin with other Oral Antidiabetic Drugs. International journal of research and Analytical Reviews, 2022; vol.9 Issue 2; 211-218.
4. SR Pawar, Dr. DV Derle and SB Khatale. Formulation And Evaluation Of Luliconazole Solid Dispersion Incorporated Gels; European Journal of Molecular & Clinical Medicine, 2021,8(10), 360-374

Smt.S.B. Sandhan

1. Sandhan SB and Derle DV: A Review on functionality assessment of multifunctional excipients. International Journal of Pharm Sci & Res 2019; 10(9): 4078-89. doi: 10.13040/IJPSR.0975-8232.10(9).4078-89

Smt. S.R. Gawali

1. Shraddha Dhanokar, Mayuri Kale, Anil Kumar Aher , Sonali Gawali Comparative Investigation Of Anti-Inflammatory Nirgundi Oil And Castor Oil By Physicochemical, Phytochemical And Chromatographic Techniques: International Journal Of Research In Pharmacy And Chemistry, 2020.
2. Mayuri Kale, Anilkumar Aher And Sonali Gawali. Physicochemical, Phytochemical And Chromatographic Investigation Of Neem (Azadirachta Indica) Seed Oil; International Journal Of Research In Pharmacy And Chemistry: 2020.
3. Shraddha Dhanokar, Anilkumar Aher, Sonali Gawali. Pharmacognostic And Physiochemical Investigation Of Vitex Negundo (Lamiaceae).; Current Trends in Pharmacy and Pharmaceutical Chemistry 2020
4. A Review on Phytochemical and Pharmacological Action of Clerodendrum serratum Linn. (Bharangi), World Journal of Pharmaceutical Research 9(12)2020 ,229-236
5. A Review on Phytochemical and Pharmacological Action of Limonia acidissima L.: A Multipotent Medicinal Plant Used as Nutraceutical, Food And Herbal Cosmetics World Journal of Pharmaceutical Research 9(12)2020, 131-140

Smt. A.A. Wakchaure

1. AA Wakchaure, TS Ugale, Giloya (*Tinospora Cardifolia*) : Pharmacognosy, Phytochemistry, Pharmacological Aspects and its Therapeutic External Dosage Forms. International Journal of All Research Education and Scientific Methods; 2022; vol 10; issue 4; 1497-1499.
2. AA Wakchaure, SB Khatale, Review on Combination of Dapagliflozin with other Oral Antidiabetic Drugs. International journal of research and Analytical Reviews, 2022; vol.9 Issue 2; 211-218.

Smt. M.S. Sonawane

1. Dr. A. P. Pingle M.S.Sonawane. Standardisation and Phytochemical evaluation of *Cassia siamea* leaves, International journal of botany studies. Volume 6, Issue 4, 2021, Page No. 734-737

Books published:

Dr.M.P. Wagh:

1. Dr. M. P. Wagh & Dr. Nazama Inamdar, 2019 GPAT Companion 17th Editionol-1; ISBN No. 978-93-82322-77-1.
2. Dr. M. P. Wagh & Dr. Nazama Inamdar, 2020 GPAT Companion 18th Edition vol-1; ISBN No. 978-93-82322-77-1.
3. Dr. M. P. Wagh & Dr. Nazama Inamdar, 2021 GPAT Companion 19th Edition vol-1; ISBN No. 978-93-82322-77-1.
4. Dr. M. P. Wagh & Dr. Nazama Inamdar, 2022 GPAT Companion 20th Edition vol-1; ISBN No. 978-93-82322-77-1.

Dr.G.B. Jadhav

1. Relation between oxidative stress and diabetes, Chapter published in recent advances in drug Discovery and Development Vol.-I, 2022, Technical Publication, Pune,
2. Pharmacy Practice (Semester -V), For Final Year B. Pharm students, 2022, Technical Publication, Pune
3. Pharmacology- III (Semester-V) For T.Y.B. Pharm (UG) 2021, Technical Publication, Pune
4. Pharmacology- II (Semester-V) For T.Y.B. Pharm (UG) 2020, Technical Publication, Pune

Dr. V.S. Nade

1. V. S. Nade, Practicals of Human Anatomy & physiology.2019, 2nd ed n , ISBN -978-93-82322-18-4, career publication

Dr. M. H. Bele:

1. Bele M. H., "Coronachya Krushnachhayet" (Marathi); Rajhans Publication, first edition, July 2020.
2. Bele M. H., "Ashihee Ek Zunj" (Marathi); Rajhans Publication, first edition, ISBN: 9789386628640, February 2021.

Mr. A.D. Savkare:

1. Anand D. Savkare, Practical Handbook of Pharmaceutical Engineering: A Basic Approach. 1st edⁿ, ISBN - 9789380744612, October 2019, career publication.
2. Anand D. Savkare, Practical Manual of Physical Pharmaceutics 1st edⁿ, ISBN -978-93-82322-94-8, April 2019, career publication.