

RESEARCH PUBLICATION IN AY 2024-2025

RESEARCH PAPER PUBLISHED BY FACULTY IN ACADEMIC YEAR 2024-25.

Sr. No.	Title of Research Paper	Author
1	The therapeutic role of Aloe Barbadensis Miller Leaf in managing asthma and inflammatory conditions.	Ms. Shinde S.S. Ms. Kolsure J.S.
2	Analytical Method Development and Validation of LEVOCETRIZINE HCL in Bulk and Pharmaceutical Dosage Form by RP-HPLC.	Ms. Rajamanya T.M. Dr. Satpute K.L.
3	Formulation and evaluation of multipurpose Herbal Face Serum	Ms. Rajamanya T.M. Dr. Satpute K.L.
4	Nutraceuticals: An outline of Regulations in India, Japan and USA	Ms. Rajamanya T.M. Dr. Satpute K.L.
5	To Develop and Validate RP-HPLC Analytical Technique for the solid Dosage forms of Dapagliflozin and Metformin Hydrochloride	Ms. Rohini Ghotale, Dr. Sonvane S.M., Mr. Birajdar M.J., Dr. Shetkar B.M., Dr. Satpute K.L., Dr. Lohiya G.V., Mr. Shivnechari P.M
6	Development of five member heterocyclic compounds as potential NAV 1.7 Inhibitors	Dr. Sonvane S.M., Mr. Birajdar M.J., Dr. Satpute K.L., Mr. Manke M.B., Mr. Giram P.S., Mr. Bhusnure O.G
7	RP-HPLC method development and validation for of paracetamol and zaltoprofen in pharmaceutical dosage form.	Dr. Sonvane S.M., Mr. Bhosale V.M, Mr. Birajdar M.J, Dr. Shetkar B..M., Dr. Satpute K. L., Mr. Gadgul A.B., Mr. Shivnechari P.M.
8	Synthesis, characterization and Biological Evaluation of some sulphur and Nitrogen containing Heterocyclic compounds.	Mr. Birajdar M.J., Mr. Kulkarni Y.P., Dr. Sonwane S.M., Dr. Satpute K.L., Mr. Lohiya G. V., Mr. Gadgul A.B., Mr. Panchbhair V.B.

RESEARCH PUBLICATION IN AY 2024-2025

Sr. No.	Title of Research Paper	Author
9	RP-HPLC method development and validation of Betahistidine Dihydrochloride and Domperidone Tablets.	Mr. Gadgul A.B, Dr. Shetkar B. M., Dr. Lohiya G. V., Ms. Lokewar N. N., Mr. Kshirsagar S.
10	Valproic acid loaded Niosomal in Situ gel: A Novel Approach for epilepsy treatment	Ms. Bastapure R.S., Mr. Gawali A.S., Mr. Birajdar M.J., Dr. Sonwane S.M., Dr. Satpute K.L., Mr. Lohiya G.V.,
11	Development and evaluation of transdermal patches containing ocimum sanctum Linn: Formulation, Physicochemical Properties and Antimicrobial Activity Assessment.	Mr. Lohiya G.V., Dr. Sonvane S.M.
12	Formulation and evaluation of Avobenzone and B-carotene Containing Madicated Lip Balm.	Dr. Sonvane S.M.
13	Formulation and Evaluation of Paracetamol Mouth Dissolving Films.	Dr. Sonvane S.M.
14	Formulation and Evaluation of Naproxen Topical Gel	Dr. Sonvane S.M.
15	Comparative in vitro evaluation of Different brands of Salbutamol tablets marketed in maharashtra State	Mr. Shivnechari P.M, Mr. Halke N.S., Dr. Sonvane S.M., Mr. Sarda R.R., Mr. Birajdar M.J., Dr. Lohiya G.V.
16	Journey of quinolones from Antibacterial to Anticancer Agents.	Mr. Gadgul A.B., Mr. Birajdar M.J., Dr. Sonvane S.M., Mr. Kulkarni Y.P., Dr. Satpute K.L.
17	Appraisal of pharmacological activities of methanol extract of Rumex acetosella leaves: Role of inflammation, oxidative damage and hepatoprotection.	Mr. Chalmale N. B.
18	Review Article: Review on plant products and current treatment for Cellulitis.	Dr. Yelmate A. A, Dr. Satpute K. L.

RESEARCH PUBLICATION IN AY 2024-2025

Sr. No.	Title of Research Paper	Author
19	Review Article: A Brief review on Drug Master File.	Dr. Yelmate A.A., Dr. Satpute K. L., Mr. Rakh L. B., Ms. Warad T.A.
20	Comparative study of Regulation of Medical Devices in different countries”	Dr. Yelmate A. A, Dr. Satpute K. L.
21	DETECTION AND ANALYSIS OF MEDICINAL PLANT SAMPLES FOR TRACE ELEMENTS USING ED-XRF	Dr. Yelmate A. A, Dr. Satpute K. L, Ms. Sabne A.B.
22	DESIGN DEVELOPMENT AND EVALUATION OF NOVEL FORMULATION FOR WOUND HEALING ACTIVITY	Dr. Yelmate A. A, Dr. Satpute K. L, Ms. Sabne A.B.
23	Online Shopping Addiction in Youth: Need of Social Awareness	Dr. Yelmate A. A, Dr. Satpute K. L.
24	Phytochemical and In Silico Prediction on a medicinal tree Vitex negundo for Antimicrobial Potential	Dr. Shetkar S.L, Ms. Khanapure P.P.
25	Chronotherapeutic Design of pH- sensitive pulsatile microparticles for salbutamol Sulphate in Nocturnal Asthma Management	Ms. Ingle P.V.
26	Investigating The role of gut microbiota in the metabolism of atorvastatin for hyperlipidemia management	Mr. Kulkarni Y.P.
27	Determination of mineral and trace Elements in Some Noteworthy Indian Medicinal Plants by ED_XRF Analysis.	Dr. Yelmate A. A, Dr. Satpute K. L, Patil G.G, Shivaji Suryawanshi.
28	Exploring acemannan- loaded nanogel formulation for the treatment of IMQ-induced psoriasis-like inflammation: In vitro characterization and in vivo efficacy assessment	Dr. Syed S.M.
29	Topical Miconazole Nanogel: In vitro Characterization, In Vivo Skin Irritation, and Enhanced Antifungal Efficacy	Dr. Syed S.M. Dr. Satpute K.L.
30	Exploring the therapeutic Potential of barbaloin: A wonder constituent from aloe vera plant	Dr. Syed S.M. Dr. Satpute K.L.
31	Precise and Accurate UV- Spectrophotometric Estimation of Atorvastatin In Bulk and Dosage Form: A Validation Study	Dr. Syed S.M.
32	Development of a novel Luliconazole transferosomal gel for enhanced antifungal delivery	Dr. Shoaeb M.S., Dr. Satpute K.L.
33	Formulation and evaluation of carbamazepine loaded ethosomal nasal in-situ gel for brain targeted drug delivery	Dr. Syed S.M. Dr. Satpute K.L.

Sr. No.	Title of Research Paper	Author
34	Niosomes: A comprehensive Review of their potential as Drug Carriers	Dr. Syed S.M.
35	Development and Characterization of nano- composed pioglitazone Hydrochloride loaded Niosomal Suspension for trargeted Drug Delivery	Ms. Shweta Kadyalwar, Mr. Waghmare R. S., Dr. Satpute K.L., Mr. Shivnechari P. M., Dr. Syed S.M.
36	Development and assessment of liposomal Nasal Spray for the treatment Epilepsy	Ms. Dongre S. A., Dr. Syed S. M., Dr. Lohiya G. V., Mr. Sarda R.R.
37	In vitro Antioxidant and Anti-inflammatory activity of hollyhock alcea resea.	Dr. Syed S.M.
38	To study Phytochemical Investigation and antibacterial study of Azadirachta Indica against enterococcus Faecalis	Ms. Ghodake K.B., Ms. Warad T.A.
39	Method Development and Validation of Declatasvir Dihydrochloride by RP HPLC Method	Ms. Warad T.A.
40	Preparation and Evaluation of a Budesonide Nanosuspension for Inhalation use	Ms. Khanapure P.P.
41	Phytochemical Screening, Molecular Mechanism and Cognitive Enhancing Potential of Salvia officinalis (Sage) Extracts in Alzheimers Disease: Acomprehensive In Vivo Analysis of Neuroprotective Pathways	Mr. Rakh L.B.
42	Insilico Screening of Some Chalcone isatin complex analogues Against Anti-tubercular potential	Mr. Halke N.S.
43	Magnetite Nanoparticle Development for targeted anti-inflammatory Drug delivery in rheumatoid Arthritis	Mr. Halke N.S.
44	Formulation and assessment of natural polysacchride based matrix tablets for colon-specific Epigallocatechin Gallate delivery via wet granulation technique.	Mr. Chalmale N. B., Dr. Lohiya G.V.
45	Formulation , Standardization and in-vitro pharmacological assessment of a polyherbal blend for the management of type II diabetes and protection against cisplatin induced nephrotoxicity	Mr. Yeolekar V.P.
46	Antifungal emulgel : Design development and characterization for topical administration	Mr. Yeolekar V.P.
47	Lactobacillus gels antiinflammatory properties in male vistar rats with paw edema Induced by carageenan	Mr. Lohiya G. V.
48	Regulatory affairs and its role in pharmaceutical industry	Mr. Waghmare R. S.
49	Microneedle technology: Innovations and application's in modern healthcare	Mr. Waghmare R. S. Dr. Satpute K. L.

RESEARCH PUBLICATION IN AY 2024-2025

Sr. No.	Title of Research Paper	Author
50	Pharmacological properties of <i>Dianthus carryophyllus</i> : A comprehensive review of its therapeutic potential	Mr. Survase S.S, Dr. Wadulkar R.D, Dr. Satpute K.L.
51	A review on Anti-anxiety plants.	Mr. Kulkarni B.L, Dr. Wadulkar R.D, Dr. Satpute K.L, Mr. Survase S.S, Ms. Khare M.P.
52	A systematic review of <i>Ficus racemosa</i> Linn,s therapeutic potential	Ms. Khare M.P, Dr. Wadulkar R.D, Dr. Satpute K.L, Ms. Survase S.S, Ms. Khare M.P, Ms. Kulkarni B.L, Ms.Magar P.V.
53	Evaluation of Anti-anxiety activity of <i>ficus racemosa</i> fruit on mice	Mr. Ganesh Lokewar, Ms. Fiza Pathan, Dr. Wadulkar R.D, Dr. Satpute K.L.
54	Formulation and evaluation of polyherbal gel on diabetic wound healing in wistar rat.	Ms. Fiza Patha.Y, Ms. Arati mote, Dr. Wadulkar R.D, Dr. Satpute K.L.
55	Pharmacological and therapeutic insights into <i>enicostemma litrale</i> blume: comprehensive review	Ms. Magar P.V, Dr. Wadulkar R.D, Ms. Ritapure R.R, Ms. Patil S.S, Dr. Satpute K.L.
56	Formulation and characterization of lovastatin tablets enteric and non enteric coated with polymer blends for colon specific drug release	Dr. Wadulkar R.D
57	spondylolysis: A comprehensive review of causes, symptoms and treatment of cervical spondylolysis	Ms. Kirti Arya, Dr.Wadulkar R.D, Dr. Satpute K.L., Ms. Aarti more
58	Towards A new frontier in Alzheimers, disease treatment: Promising medicinal plants and bioactive compounds.	Mr. Nandkishor chavan, Dr. Wadulkar R.D, Dr. Satpute K.L., Mr. Sushil Bhalerao, Ms. Sanika Futane.

RESEARCH PUBLICATION IN AY 2024-2025

Sr. No.	Title of Research Paper	Author
59	Development and evaluation of Valacyclovir-loaded polymeric Nanoparticles for Enhanced ocular Drug Delivery	Mr. Ajay Gadgul,
60	Formulation and evaluation of herbal hair serum	Mr. Rahul Waghmare, Mr. Shaikh Aftab, Ms. Pachpinde Pallavi
61	Advanced CRISPR/Cas9 Strategies for HIV Provirus Elimination and Gene Therapy in Astrocytes	Mr. Waghmare R. S., Mr. Mayur D patil, Mr. Shivam D kulkarni, Ms. Gadikar S.D., Mr. Kiran D kakde
62	Creation of Targeted Liposomes for the delivery of Allium cepa Quercetin for Cancer Treatment	Mr. Waghmare R. S.
63	Investing the role of gut microbiota In the metabolism in the metabolism of Atorvastatin for hyperlipidemia management	Mr. Kulkarni Y.P.
64	synthesis, and Biological Evaluation of Aurone Derivatives for its Anticancer potential	Mr. Kulkarni Y.P.
65	Formulation, optimization, In-vitro and In-vivo Evaluation of Nateglinide- Loaded Nanostructure Lipid carriers for Enhanced Bioavailability.	Mr. Sarda R. R.
66	Herbal Supplements: A Natural Approach to wellness	Ms. Pradnya Shinde, Mr. Sarda R. R.
67	Pharmacogenomics and personalized medicine in Type 2 Diabetes Mellitus May have potential implications for clinical practice	Ms. Rutuja wede, Mr. Sarda R. R., Ms. Prajaks Popalghat, Ms. Pratiksha Swami.
68	Non-coding RNAs and estrogen receptor signaling in breast cancer: nanotechnology- based therapeutic approaches	Dr. Syed S. M.
69	Synthesis and biological evaluation of some novel Thiazolidinones Heterocyclic compounds.	Mr. Birajdar M.J, Dr. Sonvane S.M., Dr. Satpute K. L., Mr. Gadgul A.B, Dr. Lohiya G.V.
70	Benzothiazole Aniline derivatives as promising candidates for Anticancer Drug Development	Mr. Kshirsagar S.S.

RESEARCH PUBLICATION

RESEARCH PAPER PUBLISHED IN 2023-24 BY FACULTY OF DCOP, LATUR.

Sr. No.	Title of Research Paper	Author
1	RP-HPLC method development and Validation on betahistine dihydrochloride tablet	Dr. Satpute K. L. Dr. Shetkar B. M.
2	Detection & Analysis of medicinal plant samples for trace element using ED-XRF	Dr. Yelmate A. A. Dr. Satpute K. L. Ms. Sabne A. A.
3	Design & development of some Novel Heterocyclic compounds" targeted for NAVI-7	Dr. Sonvane S. M. Mr. Birajdar M. J. Dr. Satpute K. L. Mr. Shivnechari P. M.
4	uncovering the impact age season of on various types of skin and associated skin Issues: A Survey Analysis	Dr. Syed S. M.
5	Development & characterisation of pluronic based thermosensitive in situ gel containing Posaconazole for vaginal application	Ms. Rajamanya T. M.
6	Formulation & evaluation of ion activated in situ gelling ophthalmic solution containing Brimonidine tartrate using 32 factorial design.	Ms. Rajamanya T. M.
7	Formulation, Evaluation of Herbal gel Formulation for the treatment of cellulitis	Mr. Rakh L.B. Dr. Yelmate A. A. Dr. Satpute K. L.
8	Development of Almotriptan malate biodegradable Nanoparticles Loaded for Treatment of migraine	Mr. Halke N. S. Mr. Chalmale N. B.
9	Design, development, Evaluation & clinical study of Novel gel for dermal Disorders.	Dr. Yelmate A. A.
10	Formulation; development and Comparative study of herbal Lipstick by using different pigments	Mr. Waghmare R. S.
11	Introduction of analytical Techniques used in Herbal drug technology	Mr. Lohiya G. V.

RESEARCH PUBLICATION

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12	In - silico prediction of thermostability of Cel9m from <i>Ruminiclostridium cellulolyticum</i>	Mr. Kshirsagar S. S.
13	Fabrication, Characterization ,evaluation of Terbinafine Loaded xanthan gum Nanogels for enhanced drug delivery.	Mr. Rakh L. B.
14	Development and Evaluation of verbena flower extract based anti-Acne cream: A Novel Approach for Acne management	Mr. Rakh L. B.
15	The in-vitro antioxidant activity of polyherbal drug and in combination by using DPPH method	Ms. Shetkar S. L.
16	Anti-inflammatory Activity of solanum Trilobatum Linn by in-vitro means	Ms. Shah N. J.
17	Vaginitis and its current Treatment	Dr. Yelmate A. A. Dr. Satpute K. L
18	A Brief Review on Carbon Nanotubes	Dr. Yelmate A. A. Dr. Satpute K. L
19	Formulation and Evaluation of Mosquito Repellent Incense Sticks From Waste Herbal Material	Dr. Yelmate A. A. Dr. Satpute K. L.
20	Development and evaluation of Polyherbal soap against bacterial skin infections	Dr. Yelmate A. A. Dr. Satpute K. L.
21	Nanosponges: an aid to the targeted drug delivery system for antifungal diseases	Dr. Yelmate A. A. Dr. Satpute K. L.
22	Design, Development and Evaluation of Herbal Soap against Bacterial Skin Infections,	Dr. Yelmate A. A. Dr. Satpute K. L.
23	Alternative Natural Treatment for psoriasis	Dr. Yelmate A. A. Dr. Satpute K. L.
24	Formulation, optimization, in vitro and in vivo evaluation of Nateglinide-loaded nanostructured lipid carriers for enhanced bioavailability.	Mr. Sarda R. R.

RESEARCH PUBLICATION

Sr. No.	Title of Research Paper	Author
25	RP-HPLC method development and Validation on Deflazacort Tablet	Mr. Lohiya G. V. Mr. Gadgul A. B.
26	Materiovigilance as Health care safety in India A Regulatory Prospective	Dr. Syed S. M.
27	Formulation and Evaluation of Herbal deodorant stick	Mr. Waghmare R. S.
28	Formulation and Evaluation of oral antiulcer Hydrogel of Berberis Aristata	Ms. Mutha S. V.
29	Formulation and Evaluation of Antimicrobial Gel of Clitoria Ternatea (Flowers)	Ms. Vaishnav G. V.
30	RP-HPLC method development and Validation on Dapagliflozine	Mr. Lohiya G. V. Mr. Kulkarni Y. P. Mr. Birajdar M. J. Mr. Shivanechari P. M.
31	Descriptive analytical study based on Profiling, morphological, pomological and pharmacological traits to identify the genotypes of the promising mango	Mr. Lohiya G. V. Mr. Gadgul A. B. Dr. Satpute K. L. Mr. Chalmale N. B.
32	RP-HPLC method development and Validation on Olaparib tablets	Mr. Lohiya G. V. Dr. Satpute K. L.
33	Exploring the potential therapeutic value of solanum lycopersicum. phytoconstituents for Parkinson's disease through molecular docking analysis	Mr. Lohiya G. V.
34	Competence in phytochemical investigation and pharmacological prospects of Curcuma Caesia Roxb.	Mr. Lohiya G. V.
35	Development of five member Heterocyclic Compounds as potential NAV 1.7 Inhibitors	Dr. Sonvane S. M. Mr. Birajdar M. J. Dr. Satpute K. L.
36	Empowering Consumers: The Evolving Paradigm of Customization in Personal Care Products	Dr. Syed S. M.
37	Advancements and Challenges in Drug Delivery Systems a Comprehensive Review	Ms. Ingle P. V.

RESEARCH PUBLICATION

Sr. No.	Title of Research Paper	Author
38	Natural Herbs: A Boon to Anti-inflammatory Activity	Dr. Wadulkar R. D. Dr. Sayyed S. G.
39	Detection & Analysis of medicinal plant samples for trace element using ED-XRF	Dr. Yelmate A. A. Dr. Satpute K. L.
40	A review on : Doxorubicin induced cardiotoxicity and its mechanism	Dr. Wadulkar R. D. Dr. Satpute K. L.
41	A Review on Intranasal Treatment for Epilepsy	Mr. Lohiya G. V. Dr. Satpute K. L.
42	In Situ Gelling Nasal Drug Delivery System	Mr. Lohiya G. V. Mr. Sarda R. R.
43	Recent Advancement in Nose to Brain Drug Delivery	Mr. Lohiya G. V. Dr. Satpute K. L.
44	Conjunctivitis in unusual populations: A Review of rare cases and challenges in diagnosis and management	Mr. Lohiya G. V.