



ADITYA COLLEGE OF PHARMACY(A)

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Faculty Research Paper Publications in Journals –2024-2025

S. No	Title of the paper	Name of the authors (in the order of appearance in the publication)	Name of the journal	Month and year of publication	Indexation of the Journal	ISSN /eISSN NO	Link to the article (provide direct link to view the article online)
1	Formulation and evaluation of metronidazole sustained release tablets.	Teella Prasanthi, Kudupudi Venkateswarlu, Penugonda Vineela	Journal of Emerging Technologies and Innovative Research, 11(6), i249-i255, June 2024	June 2024	UGC	2349-5162	view article
2	Beyond the Spectrum: Exploring Unconventional Applications of Fourier Transform Infrared (FTIR) Spectroscopy.	Prakash Nathaniel Kumar Sarella, Vinny Therissa Mangam, Divya Narla, Ravi Kumar Konda,	Asian Journal of Pharmaceutical Analysis. 14(2):86-94, June 2024.	June 2024	UGC	2231-5667	view article
3	Enhancing Security, Transparency, and Efficiency of Blockchain Technology in Pharmaceutical Supply Chain.	Sarella PNK, Tiwari G, Channakkalavara P, Singh G, .	International Journal of Pharmaceutical Quality Assurance. 15(2):1009-1016, June 2024	June 2024	SCOPUS	2961-6093	view article
4	A Comprehensive Study On Synergistic Effect Of Antihypertensive Drugs	Dr. Mukesh Kumar Saphi, Dr. Yalla Sai Vijaya Durga, Dr. Shiv Shankar Shah, Dr. S.	International Journal of Current Research, Vol. 16(06),.28855-28861, June	June 2024	UGC	0975-833X	view article

	With Statin Derivatives And Supportive Therapy In Managing Stroke Patients: A Prospective Observational Study	Sreenivas, Dr. Penugonda Vineela	2024				
5	Formulation and evaluation of solid dispersion of phenytoin by solvent evaporation technique,	K. Keerthi Sai	Asian journal of pharmaceutical research, 21 (3), July 2024	July 2024.	UGC	2231-5683	view article
6	Microneedle Arrays: Advancements, Applications and Future Prospects in Pharmaceutical Delivery.	Prakash Nathaniel Kumar Sarella, Surekha Valluri, Srujala Vegi, Veera Kumari Vendi, Anil Kumar Vipparthi.	Asian Journal of Pharmacy and Technology. 2024; 14(3):229-266, July 2024.	July 2024	UGC	2231-5705	view article
7	Enhancing Nutraceutical Bioavailability with Bilosomes: A Comprehensive Review.	Prakash Nathaniel Kumar Sarella, Vinny Therissa Mangam.	Asian Journal of Pharmacy and Technology. 2024; 14(3):271-280, July 2024.	July 2024	UGC	2231-5705	view article
8	Advances in Proniosomes: Harnessing Nanotechnology for Enhanced Drug Delivery.	Prakash Nathaniel Kumar Sarella, Veera Kumari Vendi, Anil Kumar Vipparthi, Surekha Valluri, Srujala Vegi.	Asian Journal of Research in Pharmaceutical Sciences, 14(3):279-286, July 2024.	July 2024	UGC	2231-5640	view article
9	Assessment of Antihyperglycemic and Hypolipidemic activities of peel extracts of Annona squamosa, Actinidia deliciosa and other two fruits in alloxan induced diabetic rats ,	Swathi Priya K, Veda Priya Gummadi, Gana Manjusha Kondepudi	International Journal of Pharmaceutical Investigation, 14(2):1-10, July 2024.	July 2024	Web of Science	2230-9713	view article
10	Formulation Development, Optimization and	M. Radhika Reddy, Madhavi Latha Samala, Narahari KV,	Chinese journal of Applied	July 2024	SCOPUS	1000-6834	view article

	Evaluation of Flurbiprofen Microsponge Tablet for the Treatment of Rheumatoid Arthritis (RA) by using Box- Behnken Design; Chinese	J.K.Shyamala, Parag Kulkarni, Nhargav Gunnepalli, Prashanthi Boddu, T Naga Aparna.	Physiology, July 2024				
11	Formulation and evaluation of fast dissolving oral dispersible films of Empagliflozin	Budida Hema Kiranmayi, adathakula Sree Geetha, Vayyuri Bhargavi, T. Prashanthi, J. Anu Pravallika and K. Keerthi Sai,	, World Journal of Pharmacy and Pharmaceutical Sciences, 13 (9), August 2024	August 2024.	UGC	2278-4357	view article
12	Development and characterization of valsartan immediate release dosage form using solubility enhancement technique	R. Saripilli, P. Tella, Kalakonda S. Nataraj	<u>European Pharmaceutical Journal</u> , August 2024	August 2024	SCOPUS	2453-6725	view article
13	Prospective Observational Study on Prevalence and Treatment Pattern of Hypothyroidism During Pregnancy	Dr Allu Tejaswi, Dr Mahima Roji Bharti, Dr Devika Boddu, Dr Devyani, Dr Ali Nihal, Dr Vineela Penugonda	Journal Of Pharma Insights And Research , 2(4), Aug 2024	Aug 2024	UGC	3048-5428	view article
14	Nanospheres: A revolutionary approach in drug delivery systems	Venna R Surya Anusha, Koppla RVS Chaitanya, Anu Pravallika Janipalli, Mudundi Tejo Manasa	YMER, 23(9), 505-515, Sep 2024.	Sep 2024.	SCOPUS	0044-0477	view article
15	A Review on Proniosomes as a Novel Drug Delivery System	Prasanthi Pakalapati , Manthina Mohan Varma	International journal of drug delivery technology, 14(3), 1931-1935, Sep 2024	Sep 2024	UGC	0975-4415.	View article
16	An UPLC Stability Indicating Method for Quantification of	Divya Narla and Nagaraju Pappula	Indian journal of natural sciences, 15 (86), Oct 2024	Oct 2024	WEB OF SCIENCE	0976-0997	view article

	Elvitegravir, Tenofovir Alafenamide Fumarate, Emtricitabine and Cobicistat in their Fixed Dose Combination						
17	Dissection and diagnosis the challenge of rapidly progressive necrotising fasciitis in right lower leg case report	Gummalla Prema Florence, Aleena Roy	Journal of Emerging Technologies and Innovative Research, 11 (10), OCT.2024.	Oct 2024	UGC	-2349-5162	view article
18	Uncovering the complexity of lean polycystic ovarian syndrome a clinical case study	Boddeda Bhavya Sri, Aleena Roy	International Journal of All Research Education & Scientific Methods, 12(10), Oct 2024	Oct 2024	UGC	2455-6211	view article
19	Madhumeha Churnam- An indigenous formulation for the treatment of hypoglycemic and hypolipidemic activities,	K. Ravi Shankar, K.Gnaneswari, S. Tirumala Devi	TANZ RESEARCH JOURNAL, 10(11), 251-27, Nov 2024	Nov 2024	UGC	1869-7720	View article
20	Navigating laboratory investigations for an accurate assessment of community acquired pneumonia case reports	Yamini Sivakoti, Aleena Roy	World Journal of Biology Pharmacy and Health Sciences- 20 (2), Nov 2024	Nov.2024	UGC	2582-5542	view article
21	Antibacterial And Anti Inflammatory Effect Of Nymphaea Stellata	S.Amala, P. Neelima, K.Sai priyanka ,A.Sree gayatri	International Journal of Creative Research Thoughts, 12 (11), Nov2024	Nov2024	UGC	2320-2882	view article
22	In-vitro anti-inflammatory, anti-oxidant and In-vivo anti-urolithiatic activities of Coccinia grandis fruit extract	Dr. K Ravi Shankar, K Gnaneswari, S Thirumala Devi, B Niharika	GSC- Advanced Research and Reviews, 21(1):463-469, November 2024	Nov2024	UGC	2582-4597	View article
23	.Design and	<u>Prasanthi Teella</u> , <u>Sri Nataraj</u>	Research J. Pharm. and Tech,	November	SCOPUS	0974-3618	view article

	Characterization of bimodal Release Formulation of Valsartan and Metformin hydrochloride.	<u>Kalakonda, Rajeswari Saripilli</u>	17(11), November 2024.	2024			
24	Molecular interaction studies and characterization of formulated Mebeverine hydrochloride Microcapsules for controlled drug delivery	M.Sesha Sai Durga , A.Swetha, Dr. S. Madhavi Latha, Dr.P.Sailaja	YMER, 23(12) , Dec-2024	DEC-2024	SCOPUS	0044-0477	view article
25	Exploring the biological potential of marine macroalgae	Dr K.Swathi Priya, Dr.G.Veda Priya, A.Kanaka Durga Valli, Dr D.Nivedita	African Journal of Biological Sciences , 6 (16), 2678-2701 Dec 2024	Dec 2024	SCOPUS	2663-2187	view article
26	Formulation development and evaluation of chitosan based mucoadhesive intranasal delivery of microspheres containing labetalol	Snehal T Hase, Afrasim moin, madhuri bhushan patil, Amit kumar singh, Madhavi LS, Mrudhula Devi K	African journal of biomedical research, 27 (4s), 8676-8683, Dec 2024	Dec 2024	SCOPUS	1119-5096	view article
27	Method development and validation of Ornidazole by RP-HPLC	S.Amala, Kruthiventi K.Sai Priyanka A.Sree Gayatri	International journal of science and archive, 2024,13(2),-2015-2022, Dec 2024	Dec 2024	UGC	2582-8185	view article
28	In-silico approaches for ruxolitinib derivatives as janus kinase inhibitors	B.N.B. Vaidehi, Karri shobhani, G. Bharathi	Journal of emerging technologies and innovative research, vol.12, issue 1, Jan 2025	Jan 2025	UGC	2349-5162	view article
29	A prospective comparative study on myocardial infarction in smokers and non-smoker	Parash Niroula, Gaana Lakshmi Adabala, Roshini Uppe, Penugonda Vineela, Anju Abraham	International Journal of Green Pharmacy, 19 (1), 57-60, Jan 2025	Jan 2025	WEB OF SCIENCE	0973-8258	View article

30	Nanoparticle-based Antivenoms	Sanipini Sri Lakshmi, Karri Harika, Molleti Vijayraj Kumar and Londa Eswar Naga Sai Datta Yadav	International journal of pharmacology and clinical research, 7(1), 01-06, Jan 2025	Jan 2025	UGC	2264-7613	view article
31	An observational study on incidence of acute pancreatitis in different age groups and associated risk factors.	Parash Niroula, Sri Lakshmi Sanipini, Prince Kumar Yadav, Rutendo Moleen Mautsa, Rakurthi Sai Vijay Kumar, Penugonda Vineela	Journal of medical pharmaceutical and allied sciences, 14(1), 6938 – 6944, Feb 2025	Feb 2025	UGC	2320-7418	view article
32	Antibiotic prophylaxis and postoperative outcomes in hysterectomy: a prospective observational study	Sai Srinidhi Viswanadhapalli, Dhanya Siri Singari, Geethika Vardhanapu, Anju K Abraham	Journal of Medical Pharmaceutical and Allied Sciences, 14 (2), 14-20, march 2025	march 2025	UGC	2320-7418	View article
33	Pharmacological Investigation of Anti-Nociceptive, Anti-Inflammatory and Anti-Pyretic Potential of Ethanolic Flower Extract of Carthamus tinctorius	K Gnaneswari , S Thirumala Devi, G Sai Sandhya.	Journal of pharmaceutical research, 24 (1), 49-53, March 2025	March 2025	UGC	0973-7200	view article
34	Advances in capillary electrophoresis-mass spectrometry for pharmaceutical analysis	N. Udayakumar, P. Jayachandra Reddy, S. Prakash Nathaniel Kumar, K. Chanakya Prasad, K. Sai Teja, K. Lakshmi Bhargavi, L. Sandhya, M. Mahalakshmi	Asian Journal of Pharmaceutics, 19 (1), 39-46, March 2025.	March 2025.	WEB OF SCIENCE	1998-409X	view article
35	Targeted Delivery of Drugs by Intranasal Drug Delivery for Alzheimer's Disease Treatment	Pulagurtha Bhaskararao , Sujiya Balla , Madhavi Latha Samala , Anu Pravallika Janipalli, Sai Kiran S. S. Pindiprolu , Chirravuri S Phani Kumar	Journal of Neonatal Surgery, Vol. 14(6s), March 2025	March 2025	SCOPUS	2226-0439	view article
36	Exploration of emulgels as a promising carrier for natural oils in the treatment	Madhavi latha S, Neelima B, Divya A, Anadi Das, Aman Kumar, Abhishek M	International Journal of Pharmaceutical Research and Applications, 10 (2), 579-	March 2025	UGC	2456-449	view article

	of onychomycosis		587, march 2025				
37	Exploring the antimicrobial potential of <i>Allium Sativum</i> and <i>Lowsonia Inermis</i> Emulgels: A comparative Insight	Swetha Arumilli, Shreyanshu Kr.Maity, Rupam Bhandari, Suman Pati, Riju Bhandari, Arpan Ghosh	International Journal of Pharmaceutical Research and Applications, 10(2), 976-986, April 2025	April 2025	UGC	2456-4494	View article
38	Nano ethosomes: a promising technique for transdermal delivery	Sesha Sai Durga manyam , K. Lahari, K.V.S.M. Varma, MA. Aman Ansari, Junaid ahmad bhat and MD. Azeez rain	International journal of research in pharmacy and chemistry, 15(1), 21-30, april 2025	April 2025	UGC	2231-2781	View article
39	Design and Optimization of Hydrodynamically Balanced Regioselective Controlled Release Drug Delivery of Bcs Class Ii Drug by using Natural and Synthetic Polymers	camleshR. Sunitha, S. Madhavi Latha , M. Pavani l , K. Anjali , D. Durga Siva Prasad , M. Lakshmi Mounika , Hanumayamma , Ch. Kalavathi , Gurappa , SK. Inthiyaz.	Asian Journal of Pharmacy and Technology. 15(2): 107-115, April 2025	April 2025	UGC	2231-5705	View article
40	Formulation and Evaluation of Herbal Lipsticks Using <i>Punica Granum</i> and <i>Mangifera Indica</i>	Anu Pravallika Janipalli, K Swapna Madhuri, K. Kavya Sri, K.G.S.N. Pranathi,	International Journal of Pharmaceutical Research and Applications, 10(2), 2025.	April 2025	UGC	2456-4494	View article
41	Preliminary Phytochemical Screening and HPTLC studies of <i>Cucurbita pepo</i>	Dr. G.Veda Priya , N.Sudharshini Durga Devi, P. Lakshmi Surekha , N.Sravani P.Satya Praveen , M.Mounika Lakshmi	International Journal of Green and Herbal Chemistry, 14 (2), 201-207, April 2025	April 2025	UGC	2278-3229	View article
42	Medicinal Herbs for Treating Colorectal Cancer – A Comprehensive Review	R. Sunitha , S. Madhavi Latha , M. Pavani , D. Durga Siva Prasad1 , Shaik Inthiyaz	Research Journal of Pharmacognosy and Phytochemistry. 17(2): April 2025	April 2025	UGC	2231-5683	View article

43	Development validation and forced degradation studies of empagliflozin using uv spectroscopy in a comprehensive approach	A Sree Geetha, B.Hema Kiranmayi, K.Sai Priyanka, Dr.J.Anu Pravallika	Journal of emerging technologies and innovative research, 12 (5), 928-935, may 2025.	may 2025.	UGC	2349-5162	View article
44	Phytochemical and biological evaluation of syzygium samarangense : a focus on oxidative stress and inflammation	S.Amala ,S.Sruthi ,B.Niharika, ,D.Tony Priyanka	Journal of emerging technologies and innovative research, 12 (5), May 2025.	May 2025	UGC	2349-5162	View article
45	Phytochemical authentication of ginkgo biloba and valeriana officinalis: morpho-anatomical, physicochemical and hptlc correlation with psychotropic effects in actophotometer-based motor activity assays	Gajanand Pujari , K. Venkateswarlu , T. Deborah Paripuranam , Sarfaraz Ahmad4 , Subhadra Barik , Arpan Kumar Tripathi , V. Geetha and Venkata Suresh Jilakara.	Biochemical and Cellular Archives, 25 (1), May 2025	May 2025	WEB OF SCIENCE	0972-5075	view article
46	Quality by design-based optimization of formulation parameters to develop nanostructured lipid carriers of ezetimibe and fenofibrate for improving its biopharmaceutical properties	Mohammad Bakhatwar , Sumant Saini , D. Purnima Yadav , K. Swathi Priya , G. Veda Priya	International Journal of Applied Pharmaceutics, 17(3), 284-303, May 2025	May 2025	SCOPUS	0975-7058	View article
47	Formulation and evaluation of polyherbal anti-acne gel containing lemongrass and neem extracts	Mrs. B. Hema Kiranmayi , Ms. Torlapati Swathi Sree , Ms. Yalla Divya Sindhu , Ms. Tippala Ganya Devi , Ms. Vanga Rama Kranthi , Mr. Gurram Ganga Babu	Journal of emerging technologies and innovative research, 12(5),h804-h812, May 2025	May 2025	UGC	2349-5162	View article

48	Formulation, Optimization, and Evaluation of a Polyherbal AntiOxidant Lotion Incorporating Psidium guajava and Moringa oleifera Leaf Extracts	A.Sree Geetha, S.Rahitya, Sankalpa Mallick, Shaik Karishma, Shambhu Yadav, S.Rasi Sravya	International Journal of Pharmaceutical Research and Applications, 10 (3), 468-475, May 2025	May 2025	UGC	2456-4494	View article
49	Exploring the Anti-inflammatory and Antioxidant Activities of Ethanolic Flower Extracts of Volkameria Inermis	Vaidehi B.N.B, Manasa g, Sirisha D, Vyshananvi E.D.N, sandhya D, Dayakar CH, Malasree Gandham	International Journal For Research in Applied Science & Engineering Technology, 13 (5),5771-5777, May 2025	May 2025	UGC	2321-9653	View article