



ADITYA COLLEGE OF PHARMACY(A)

(An Autonomous Institution)

Approved by PCI, New Delhi, *Permanently Affiliated to JNTUK, Kakinada

Accredited by NAAC A Grade and CGPA of 3.24

Recognized by UGC Under Sections 2(f) of the UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem, Gandepalli Mandal, East Godavari - 533437, A.P

Ph. 99498 76664, Email: office@acop.edu.in, www.acop.edu.in

Faculty Research Paper Publications in Journals –2023-2024

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	Link to the article (provide direct link to view the article online)
1	Formulation Development and Characterization of Vancomycin Hydrochloride Colon-Targeted Tablets Using In-Situ Polyelectrolyte Complexation Technique	Venkateswarlu Kudupudi, Ravi Shankar Kakarparthy, Prakash Nathaniel Kumar Sarella, Venkata Ramana Murthy Kolapalli	International Journal of Pharmaceutical Sciences and Nanotechnology (IJPSN) Volume-16, Issue-3, 6533-6545, 2023	Jun-23	Scopus	https://doi.org/10.37285/ijpsn.2023.16.3.7
2	The Expanding Scope of Emulgels: Formulation, Evaluation and Medical Uses	Prakash Nathaniel Kumar Sarella, Lakshmi Rama Krishna Pravallika Godavari	International Journal of Current Science Research and Review Volume-3, Issue-2, 3030-3041 2023	Jun-23	UGC	https://doi.org/10.47191/ijcsrr/V6-i5-42
3	A case report on organic psychosis induced by antitubercular drugs in a young female	Prakash Nathaniel Kumar Sarella, Janki Pavanilakshmi Dadishetti, Patrick Oliver Asogwa, Ravishankar Kakarparthy	Asian Journal of Hospital Pharmacy Volume-3, Issue-2, 1 - 3 2023	Jun-23	UGC	https://doi.org/10.38022/ajhp.v3i2.73
4	Observational Studies of Prescription Pattern and Use of Antibiotics in Selected Rural Areas	Patrick Oliver Asogwa, Prakash Nathaniel Kumar Sarella	Int. Journal of Pharmaceutical Sciences and Medicine Volume-8, Issue-5, 21-30, 2023	Jun-23	UGC	https://ijpsm.com/Publish/May2023/V8I504.pdf

5	A Chronic Case of Hepatosplenomegaly in Elderly Diabetic Male	Prakash Nathaniel Kumar Sarella, UmaVenkata Anusha Pilla, Patrick Oliver Asogwa, Ravishankar Kakarparthy	Int. Journal of Pharmaceutical Sciences and Medicine Volume-8, Issue-5, 41-45, 2023	Jun-23	UGC	https://ijpsm.com/Publish/May2023/V8I507.pdf
6	Natural antibacterial gel to fight tooth decay: An in-silico modeling approach	Appalaraju Dangeti , V Venkata Trinadha Anand Kumar Reddy Jeeri , Prakash Nathaniel Kumar Sarella and Madhubabu Mogili	World Journal of Biology Pharmacy and Health sciences Volume-14, Issue-2, 262-272, 2023	Jun-23	UGC	https://doi.org/10.30574/wjbphs.2023.14.2.0220
7	A Case of Congestive Heart Failure with Gastrointestinal Bleeding and Altered Mental Status	Prakash Nathaniel Kumar Sarella, Harshika Gudapati, Asogwa Samuel Otuodi, Ugwu Anthony Odinaka	Int. Journal of Pharmaceutical Sciences and Medicine Volume-8, Issue-5, 31-33, 2023	Jun-23	UGC	https://ijpsm.com/Publish/May2023/V8I506.pdf
8	Unconventional stationary phases: Nanomaterials, nanoparticles and the future of liquid chromatography	Sravani Ratnam Arji, Sarma SRS Eranki, Suryasree Pecchetty, Prakash Nathaniel Kumar Sarella	World Journal of Advanced Research and Reviews Volume-18, Issue-2, 492-501, 2023	Jun-23	UGC	https://doi.org/10.30574/wjarr.2023.18.2.0851
9	Accurate and Precise RP-HPLC Quantification of Piperacillin and Tazobactam Combination in Dosage Forms: A Quality Control Perspective	Vinny Therissa Mangam, Prakash Nathaniel Kumar Sarella, Supraja Siddhantapu, Saibabu Sudhabattula, Alekhya Devi Yalla	Int. Journal of Pharmaceutical Sciences and Medicine Volume-8, Issue-5, 7-20, 2023	Jun-23	UGC	https://ijpsm.com/Publish/May2023/V8I503.pdf
10	Nootropic Activity of Ethanolic Extract of Zingiber officinale and Centella asiatica on Stress Induced Rats	Ugwu Anthony Odinaka, Patrick Oliver Asogwa, Prakash Nathaniel Kumar Sarella, Ravishankar Kakarparthy	International Journal of Current Science Research and Review Volume-6, Issue-6 3240-3245, 2023	Jun-23	UGC	https://ijcsrr.org/single-view/?id=10547&pid=10500
11	Evaluation of <i>in-vitro</i> antibacterial and antioxidant activities of hemedesmus indicus root extract	Pydiraju1, K. Ravi Shankar and B. Rama Krishna	International journal of research in pharmacy and chemistry 2023, 13(2), 210-212	Jun-23	UGC	https://www.ijrpc.com/files/29-05-23/07.pdf
12	Evaluation of invitro antibacterial and antioxidant activities of ethanolic extract of whole plant justicia betonica	K. Pydiraju1, K. Ravi Shankar2 and B. Rama Krishna3	International journal of research in pharmacy and chemistry, 2023, 13(2), 213-215	Jun-23	UGC	https://www.ijrpc.com/files/29-05-23/08.pdf
13	Evaluation of analgesic and anti-inflammatory, activities	K. Pydiraju , K. Ravi Shankar and B. Rama Krishna	International journal of research in pharmacy and	Jun-23	UGC	https://www.ijrpc.com/files/29-05-23/09.pdf

	of hemedesmus indicus root extract		chemistry 2023, 13(3), 216-223			
14	Evaluation of Nephroprotective activity on bark of Soymida febrifuga	Dr.G.Veda Priya* & Dr.K.Swathi Priya	World Journal of Pharmacy and Pharmaceutical Sciences Volume-12, Issue-8 993-1003, 2023	Jul-23	UGC	https://www.wjpps.com/Wjpps_controller/abstract_id/18917
165	Phytochemical composition and Antidiabetic Potential of Gymnema Sylvestre Extracts and Formulations	I.Venkata Renuka Sai Sri Bolem, . Rajesh Kavala . Vinny Therissa Mangam, Prakash Nathaniel Kumar Sarella	International journal of Pharmaceutical Sciences and medicine Volume-8, Issue-7 58-66, 2023	Jul-23	UGC	https://ijpsm.com/Publish/Jul2023/V8I710.pdf
16	Persistent Infection in a Patient with Tibial Non-union	Prakash Nathaniel Kumar Sarella, Seetha Sirisha Maddali, Patrick Oliver Asogwa, Ravishankar Kakarparthy	Journal of Clinical and Pharmaceutical Research Volume-3, Issue-3 1-3, 2023	Jul-23	UGC	https://jcpr.in/index.php/journal/article/download/87/65
17	Potential applications of folate-conjugated chitosan nanoparticles for targeted delivery of anticancer drugs	Sarella Prakash Nathaniel Kumar, Thammana Pavan Kumar	Research Journal of Pharmaceutical Dosage Forms and Technology Volume-3, Issue-3 1-3, 2023	Jul-23	UGC	http://dx.doi.org/10.52711/0975-4377.2023.00045
18	A Case Report of Heart Failure with Atrial Fibrillation and Peripheral Vascular Resistance	Prakash Nathaniel Kumar Sarella, Harshika Gudapati, Patrick Oliver Asogwa, Ravishankar Kakarparthy	Indian Journal of Pharmacy Practice Volume-16, Issue-3 1-3, 264-266, 2023	Jul-23	UGC	https://scholar.google.com/scholar?oi=bibs&cluster=12294436387052688459&btnI=1&hl=en
19	Subacute Cutaneous Lupus Erythematous	Mukesh Kumar Saphi, Sunny Kumar Yadav, N Bhavya, Krishnadev Shah, Amit Kumar	Asian Journal of Hospital Pharmacy Volume-3, Issue-3 1-4, , 2023	Jul-24	UGC	https://ajhponline.com/index.php/journal/article/view/74
20	Anti-Diabetic Agents in Covid-19, Their Possible Role Beyond Diabetes	Dr. K. Ravi Shankar K. Gnaneswari K. Sruthi	International Journal of Current Science Research and Review Volume-6, Issue-8 5964-5969, 2023	Aug-23	UGC	https://ijcsrr.org/single-view/?id=12403&pid=11944
21	Formulation and Evaluation of Gastroretentive Mucoadhesive Tablets of Clopidogrel	Prasanthi Tella,Hema Kiranmayi.Budida,Vineela Penugonda,Anju k.Abraham,Tirumala Devi.Siriki,Laharika .Vadrevu	World Journal Of Pharmacy And Pharmaceutical Sciences Volume-12, Issue-10 870-882, 2023	Sep-23	UGC	https://www.wjpps.com/Wjpps_controller/abstract_id/19199

22	Drug-Induced Bullous Pemphigoid	Dr.Penugonda Vineela, Teela Prasanthi, Siriki.Trimula Devi, Palla Kranthipriya	International Journal of Pharmaceutical Research and Applications Volume-8, Issue-5 57-59, 2023	Sep-23	UGC	https://ijprajournal.com/issue_dcp/Drug%20Induced%20Bullous%20Pemphigoid.pdf
23	Formulation and evaluation of sustained release tablets of atorvastatin using natural polymers with a focus on okra gum	sesha sai durga manyam , swetha arumilli, prasanthi pakalapati, prakash nathanial kumar	international journal of pharmaceutical sciences and medicine Volume-8, Issue-10 11-22, 2023	Oct-23	UGC	https://ijpsm.com/Publish/Oct2023/V8I1006.pdf
24	Exploring the super-disintegrating properties of fenugreek seed mucilage for fast- dissolving amlodipine tablets	swetha arumilli, sesha sai durga manyam, prasanthi pakalapati, prakash nathanial kumar	world journal of biology pharmacy and health sciences Volume-16, Issue-1 186-197, 2023	Oct-23.	UGC	https://wjbphs.com/content/exploring-super-disintegrating-properties-fenugreek-seed-mucilage-fast-dissolving-amlodipine
25	Concurrent Diagnosis of Renal Calculi, Uterine Fibroids and Ovarian Cysts: A Complex Case Study	Sanipini Sri Lakshmi, Prakash Nathaniel Kumar Sarella, Kelangi Adarsh, Peddinti Lakshmi Padmini, Molleti Vijayraj Kumar	Journal of Clinical and Pharmaceutical Research Volume-3, Issue-4 22-27, 2023	Oct-23	UGC	https://jcpr.in/index.php/journal/article/download/105/74
26	Design and Evaluation of Polyherbal Nanogel for The Treatment of Rheumatoid Arthritis	Bhargavi Posinasetty, Chandaka Madhu, Upendra Chandrakant Galgatte, Srividya Kommineni, Basavaraj H, B. Appa Rao, Divya Narla and Sagar Narendra Ande	Journal of Advanced Zoology, Volume-44, Issue-S-5 1150-1159, 2023	Sep-23	Scopus	https://jazindia.com/index.php/jaz/article/view/1147
27	Complications of COVID-19 and possible role of angiotensin converting enzyme inhibitors and anti-platelet medications in lowering the risk of COVID - 19 infection	K. Ravishankar * , K. Gnaneswari and K. sruthi	GSC Biological and Pharmaceutical Sciences (GSCBPS) Volume-20, Issue-05 198-203, 2023	Nov-23	UGC	https://gsconlinepress.com/journals/gscbps/content/complications-covid-19-and-possible-role-angiotensin-converting-enzyme-inhibitors-and-anti
28	Evaluation of antiinflammatory and analgesic activity of cardiac myxia of	T.lova kumari,dr.ravai Shankar, S Amala,V.Bhaargavi	World journal of pharmaceutical research Volume-13, Issue-01 1896-1902, 2023	Dec-23	UGC	https://storage.googleapis.com/journal-uploads/wjpps/article_issue/1703935446.pdf
29	Extraction- phytochemical screening and biological activities of spathodea champunulata leaves	K.Sai priyanka, A.Sree gayatri, S. Amala	World journal of pharmacy and pharmaceutical sceinces Volume-13,	Dec-23	UGC	https://storage.googleapis.com/journal-uploads/wjpps/article_issue/1703935446.pdf

			Issue-01 1998-1009, 2023			
30	Evaluation of antibacterial, anthelmintic, and antidiarrhoeal activities of ethanolic aerial extract of mimosa pudica linn	Kakaraparthi Ravishankar, Ruchi Kumari*, Vuyyuri Bhaargavi and Amala Sadhe	WPJR World Journal of Pharmaceutical Research Volume-13, Issue-02 600-6007, 2023	Dec-23	UGC	https://www.wjpr.net/abstract_file/24221
31	Extraction-phytochemical screening and biological activities of spathodea champanulata leaves	K.Sai Priyanka, A.Sree Gayatri, S.Amala	World journal of pharmacy and pharmaceutical sciences Volume-13, Issue-02 998-1009, 2023	Dec-23	UGC	https://storage.googleapis.com/journal-uploads/wjpps/article_issue/1703935446.pdf
32	Development and validation of an HPLC method for the simultaneous estimation of salbutamol, theophylline and ambroxol in tablet dosage form	Sravani Ratnam Arji, Sarma SRS Eranki, Anitha Kadimi, Prakash Nathaniel Kumar Sarella, Vinny Therissa Mangam	International Journal of Science and Research Archive Volume-10, Issue-02 634-645, 2023	Dec-23	UGC	https://doi.org/10.30574/ijsra.2023.10.2.0983
33	Silymarin: Harnessing the Healing Potential of Milk Thistle for Cardiovascular Health and Liver Diseases	Ravishankar Kakaraparthi, Prakash Nathaniel Kumar Sarella, Venkata Naga Kiranmayi Garlanka	Indian Journal of Natural Sciences Volume-10, Issue-02 64560-64569, 2023	Dec-23	WOS	https://tnsroindia.org.in/JOURNAL/issue81/IJONS%20-%20DECEMBER%202023%20-%20FRONT%20PAGE%2001.pdf
34	Prescription Pattern and Drug Utilisation Analysis in Patients with Cardiovascular Disorders	Ravishankar Kakaraparthi, Prakash Nathaniel Kumar Sarella, Harshika Gudapati	American Journal of PharmTech Research Volume-14, Issue-06 29-35, 2023	Dec-23	UGC	https://ajptr.com/archive/volume-13/october-2023-issue-5
35	A Systemic Review of Machine Learning Approaches for Adverse Drug Reaction Detection: Novel Perspective and Challenges	Suberna Basnet1 *, Ali Nihal1, Sijina KS, Naga Kireeti Seru , Amit Kumar	Journal of pharma insights and research Research Volume-1, Issue-2 179-185, 2023	Dec-23	UGC	https://jopir.in/index.php/journals/article/view/21/41
36	A case report on drug-induced bullous pemphigoid in a cervical cancer patient undergoing chemotherapy	Mukesh Kumar Gupta, Bhavya Neerupalli, Krishnadev Shah, Amit Kumar	Journal of pharma insights and research Research Volume-14, Issue-06 206-209, 2023	Dec-23	UGC	https://jopir.in/index.php/journals/article/view/63
37	A Comprehensive case report on Henoch-Schonlein Purpura in a child	Sai Vijaya Durga Yalla*, Mukesh Kumar Saphi1, Sunny Kumar Yadav1, Tejaswi Allu1, Amit Kumar	Journal of pharma insights and research Research Volume-1, Issue-2 174-178, 2023	Dec-23	UGC	https://jopir.in/index.php/journals/article/view/24/40

38	Acute report of Grade I Hepatic Encephalopathy in a chronic alcoholic liver disease patient	Suberna Basnet ¹ *, Sanjana, Ali Nihal ¹ , Sai Vijaya Durga Yalla ¹ , Amit Kumar	Journal of Pharma insights and research Research Volume-1, Issue-2 210-213, 2023	Dec-23	UGC	https://jopir.in/index.php/journals/article/view/25/46
39	A comprehensive case report on Dapsone hypersensitivity syndrome	Bhavya Neerupalli ¹ *, Mukesh Kumar Saphi ¹ , Mukesh Kumar Gupta ¹ , Sunny Kumar Yadav, Amit Kumar	Journal of Pharma insights and research Research Volume-1, Issue-2 161-165, 2023	Dec-23	UGC	https://jopir.in/index.php/journals/article/view/55/38
40	Case Report of Budd-Chiari Syndrome secondary to hepatic vein thrombosis: Case Report	Mukesh Kumar Saphi, Sunny Kumar Yadav, Sai Vijaya Durga Yalla, Tejaswi Allu, Amit Kumar	Journal of Pharma Insights and Research Research Volume-1, Issue-2 193-197, 2023	Dec-23	UGC	https://jopir.in/index.php/journals/article/view/58/43
41	An Exploratory analysis of determinants influencing the quality of life in individuals diagnosed with Pulmonary Arterial Hypertension	Sanjana ¹ *, Santoshi Saladi ¹ , Naga Kireeti Seru ¹ , Rinta Vincent ¹ , Mukesh Kumar Gupta ¹ , Anju K Abraham, Somanath Dash	Journal of Pharma Insights and Research Research Volume-1, Issue-2 186-192, 2023	Dec-23	UGC	https://jopir.in/index.php/journals/article/view/20/42
42	Takayasu's Arteritis Presenting with Seizure: A Case Report	Mukesh Kumar Saphi , Barthi Mahimaroji ¹ , Seru Naga Kireeti , Boddu Devika , Amit Kumar	Journal of Hospital Pharmacy, Issue-1 20, 2024	Jan-24	UGC	https://journalofhospitalpharmacy.in/johp/admin/freePDF/xb9a2n9lkouxt7gxph54.pdf
43	Plummer-Vinson Syndrome: A Rare Case Report	Mukesh Kumar Saphi*, Yalla Sai Vijaya Durga, Sunny Kumar Yadav, Krishnadev Shah, Amit Kumar	Journal of Clinical and Pharmaceutical Research Volume-4, Issue-1 1-4, 2024	Jan-24	UGC	https://jcpr.in/index.php/journal/article/view/115/84
44	Formulation And Development Of Antifungal Herbal Ointment With Melia Azardichta And Curcuma Longa Containing Plant Extract	Preeti Mangala ¹ , Shaikh Amir Afzal, Stuti Pandey*, Jyoti Gorakh Wagh ⁴ , Prasanthi Pakalapati, Ankur patel, Samriti Vohra, Amit Chandna	Journal of Chemical Health Risks Volume-14, Issue-1 3216-3224, 2024	Jan-24	Scopus	https://www.jchr.org/index.php/JCHR/article/view/3263
45	Docking studies, Synthesis, SAR and anti-TB Activity of Glycinamido analogues	B.N.B.Vaidehi, Hymavathi Veeravarupu, M. Murali Krishna Kumar,	Asian journal of Chemistry Volume-36, Issue-3 549-570, 2024	Feb-24	Scopus	https://asianpubs.org/index.php/ajchem/article/view/36_3_4
46	Evaluation of analgesic and anti-inflammatory activities of ethanolic fruit extract of Terminalia chebula	K. Ravishankar *, K. Gnaneswari and S. Thirumala devi	GSC Advanced Research and Reviews (GSCARR) Volume-18, Issue-2 160-166, 2024	Feb-24	UGC	https://gsconlinepress.com/journals/gscarr/content/evaluation-analgesic-and-anti-inflammatory-activities-ethanolic-fruit-extract-terminalia

47	AI-Driven Natural Language Processing in Healthcare: Transforming Patient-Provider Communication	Prakash Nathaniel Kumar Sarella, Vinny Therissa Mangam	Indian Journal of Pharmacy Practice Volume-17, Issue-1 21-26, 2024	Mar-24	UGC	https://web.archive.org/web/20240131235202id_/https://ijopp.org/sites/default/files/InJPharPract-17-1-21.pdf
48	Design Formulation And Evaluation Of Anti Migraine Mouth Dissolving Tablets Using Different Superdisintegrants	Prasanthi Pakalapati, Jiwan Premchand Lavande, Sijo Pattam*, Prajwal Adhav, Sameer Shafi, Sandeep Nikam, Nilkamal Waghmare, Pranali salunkhe	Educational Administration: Theory and Practice Volume-30, Issue-4 6393–6404, 2024	Apr-24	Scopus	https://kuey.net/index.php/kuey/article/view/23
49	Nanorobotics: Pioneering drug delivery and development in pharmaceuticals	Prakash Nathaniel Kumar Sarella, Anil Kumar Vipparthi, Surekha Valluri, Srujala Vegi, Veera Kumari Vendi	Research Journal of Pharmaceutical Dosage Forms and Technology Volume-16, Issue-1 81, 2024	Apr-24	UGC	http://dx.doi.org/10.52711/0975-4377.2024.00014
50	Orodispersible Films for Enhanced Bioavailability of Carvedilol	Divya Narla *, Udaya Kumar Thummala	Journal of Pharma Insights and Research Research Volume-02, Issue-02 236-244, 2024	Apr-24	UGC	https://jopir.in/index.php/journals/article/view/150
51	Method development and validation for ritonavir and darunavir by using rp-HPLC method	K.Sai Priyanka, S.Amala,A.Sree gayatri	International journal of scientific development and research Volume-9, Issue-5 1345-1354, 2024	May-24	UGC	https://www.ijdsr.org/papers/2405180.pdf
52	Assessment of antihyperglycemic and hypolipidemic activities of peel extracts of Annona squamosa, Actinidi deliciosa and other two fruits in alloxan induced diabetes	Swathi Priya K, Veda Priya G, Gana Manjusha Kondepudi	International Journal of Pharmaceutical Investigation Volume-14, Issue-3 702, 2024	May-24	WOS	https://jpionline.org/article/33437/
53	Exploring Aquasomes: A Promising Frontier in Nanotechnology-based Drug Delivery	Prakash Nathaniel Kumar Sarella, Srujala Vegi, Veera Kumari Vendi, Anil Kumar Vipparthi, Surekha Valluri	Asian Journal of Pharmaceutical Research Volume-14, Issue-2 11, 2024	May-24	UGC	https://asianjpr.com/AbstractView.aspx?PID=2024-14-2-11

