



SEVEN HILLS COLLEGE OF PHARMACY

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Venkatramapuram, Ramachandrapuram (Mandal), **TIRUPATI** - 517 561, A.P, INDIA

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Awarding University: JNT University Anantapur – Ananthapuramu

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LIST OF RESEARCH & REVIEW PUBLICATIONS DURING THE YEAR 2024-2025

Faculty name	Title of Publication	Journal name	Review / Research	National / International	Indexing & Impact factor	Co-author	Volume (issue), Pg.No	Year of publication	DOI number
Satheesh Kumar G	Development and Evaluation of Valacyclovir-Loaded polymeric Nanoparticles for Enhanced ocular drug delivery	The BioScan	Research	International	Scopus	Sanjay Nagaroje	20(2): S2: 450-458	2025	https://doi.org/10.63001/thebioscan
Saravanakumar Kasimedu	Exploring Indolyl Triazoles: Synthesis, Computational Profiling and Antimicrobial Assessment	Asian Journal of Chemistry	Research	International	Scopus Q3	Gurinderdeep Singh, Geetha Birudala, , Rajendra Dnyandeo Dighe, , Sowjanya Pulipati, Hari Veluru, Naveenkumar Gandupally	36(9)	Sep 2025	DOI: https://doi.org/10.14233/ajchem.2024.32148
Saravanakumar Kasimedu,	Optimizing Orphan Drug Rucaparib Transdermal Patches for Ovarian Cancer: A Design Expert-Based Strategy for Prolonged Drug Release	International Journal of Drug Delivery Technology	Research	International	Scopus Q3	Hina Deepak Mehta, Bharath Raj KC, Vema Kiran	14(3)	Sep 2025	DOI: 10.25258/ijddt.14.3.27
Saravanakumar Kasimedu.	Phytoconstituent-Based Green Synthesis of Nanoparticles: Sources and Biomedical Applications in Cancer Therapy,	Asian Journal Of Green Chemistry	Research	International	Scopus Q2	Konatham Teja Kumar Reddy	Sep 2025	9 (2025)	https://doi.org/10.48309/AJGC.2025.501113.1669
Saravanakumar Kasimedu	Therapeutic potential of flavonoids in neuroprotection: brain and spinal cord injury focus,	Naunyn-Schmiedeberg's Archives of Pharmacology	Research	International	Springer	Md. Faysal, Md Al Amin	February 2025	2025 (1)	DOI: https://doi.org/10.1007/s00210-025-03888-4
Vadamala Prudhvi Raj	Formulation and evaluation of Anti Bacterial Flucloxacillin	International Journal of Clinical Pharmacokinetics and Medical Sciences	Research	International	Google Scholar	Sravani Ganesh	5(2)	10.04.2025	
Pavan Kumar. V	A Stability Indicating Liquid Chromatographic Assay Method for The Simultaneous Determination of anti-cancer Drugs	Vignan's Journal of Biotechnology and Pharmacy	Research	International	Google Scholar	S Jagadeesh, S. Mahirah	1(1): 23-29	11-04-2025	Doi.org/10



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Pavan Kumar. V	Preparation and Characterization of Anastrozole Nanocrystal Fast Dissolving Tablets Using Super Disintegrants	Polymers for Advanced Technologies	Research	International	Scopus	Vinod Kumar Nelson, Mohammad J Akbar , Umme Hani	06; 25	30-05-2025	10.1002/pat.70235
Saravanakumar Kasimedu	Chitosan Nanoparticles Enhance Permeability of Rizatriptan in Mucoadhesive Buccal Films: A Promising approach for Improved Drug Delivery	Research J. Pharmacy and Technology.	Research	International	Scopus Q2	Shilpaja Chella, Nagaveni Pommala, Ashok Thulluru, Mallikarjuna Gandla, Prudhvi Raj Vadamala -	Research J. Pharm. and Tech. 18(3):	March 2025	DOI: 10.52711/0974-360X.2025.00190
Jyothi Basini	Anti-arthritis potentials of <i>Raphanus sativus</i> transdermal gel – An in-vitro study	Indian Journal of Pharmacy and Pharmacology	Research	International	Google Scholar	Prasanna Raju Yalavarthi, Harichandan Sai KVV S , Bhoomika Kothapalli, Jayanthi DR , Thulasi Kothapalli, M Sai Vandith	12;2 & 114-118	June 2025	https://doi.org/10.18231/j.ijpp.2025.018
Jyothi Basini	An Assessment of Depression, Anxiety and Stress Levels in Heart Failure Patients and Their Correlation with Medication Adherence	International Journal of Pharmaceutical Sciences and Drug Research	Research	International	Scopus	P Bharathi, B Hemalatha, S Hamedunnisa Begum, Emmanuel Solmon Raj K, E. Sunil Kumar, V Vanajakshamma	17; 1 & 12-17	30-01-2025	
Jyothi Basini	<i>In Vivo</i> Study of the Anti-Osteoporosis Activity of a <i>Polygonatum Sibiricum</i> Leaves against Glucocorticoid Induced Osteoporosis. Acta Neurophysiol	Acta Neurophysiol	Research	International	Scopus	Babu NM, Reddeswari M, Mallikarjuna G, Sumalatha G and Naidu MN	2025, 6(1): 180104.	10-02-2025	
Jyothi Basini	A Comprehensive Study on Clinical Management of Hypertension among the Patients from Selected Suburban Region of Tirupati	International Journal of Health and Allied Sciences	Research	International	Scopus	Prasanna Rajy Y, Jagadeesh M, Anusha K, Asiya S, Chandrakala G, Nivetha D, Navyasree K, and Amarnath Reddy B	13; 37 & 137-143	23-01-2025	10.55691/2278-344X.1101
Sivagami B,	A Rapid and Sensitive RP-HPLC method for the determination of phytoconstituents gallic acid, ellagic acid and zingerone in siddha polyherbal formulation kabasura kudineer	Research Journal of Pharmacy and Technology RJPT	Research	International	Scopus Q2	Satheesh Kumar G, Chandrasekar R Niranjana Babu M Harshitha D	18(4):1688-5.	2025	doi: 10.52711/0974-360X.2025.00242
Chandrasekar R	Development, Design and Evaluation of a Polyherbal Topical Cream for the Management of Melasma	International Journal of Pharmacognosy and Chinese Medicine	Research	International	Google Scholar	Sivagami B, Niranjana Babu M, Shaik Asna Hayath N. Sunandha	Vol 8 (1) 000267	2024	DOI: 10.23880/ipcm-16000267
Chandrasekar Raju	Analytical Quality by Design Assisted Optimization of RP-HPLC Method for the Estimation of Palovarotene Drug Substance and Drug Product by Box–Behnken Design	Biosciences Biotechnology Research Asia	Research	International	Scopus	Sivagami Bojan, Chandramouli Chinthaginjala, Meena Dravidamani, Aruna Kumari Dommaraju and Kumanan Raghunathan	Vol. 22(1), p. 313-324	March, 2025	http://dx.doi.org/10.13005/bbra/3363
Dr. DR. Aruna Kumari	Biopharmaceutical distribution and pharmacodynamic evaluation of intra nasal in-situ gel of Lamotrigine for brain targeted drug delivery	Journal of drug delivery and therapeutics	Research	International	Web of Sciences	Indiramuzib	14(5):86-91	May, 2024	



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Lavanya Yaidikar	Ameliorative Activity of Bromelain an Active Principle of Pineapple against Cisplatin Induced Nephrotoxicity	Indian Journal of Natural Sciences	Research	International	Web of Sciences	Aswini Gounipalli	15 (88), 88422 - 88430	2025	-
K Saravanakumar	A Review on Lidocaine	International Journal Of Pharmaceutical Sciences	Review	International	Scopus	Swetha Meeniga, Nagaveni Pommala, Mounika Gandham, Pranuth Atthoti	Vol 3, Issue 1, 949-960	2025	10.5281/zenodo.14636911
Saravanakumar Kasimedu	A Detailed Review on Micro Emulsions	International Journal Of Pharmaceutical Sciences	Review	International	Scopus	Nagaveni Pommala, Mounika Gandham, Swetha Meeniga, Pranuth Atthoti	Vol 3, Issue 1, 1272-1282	2025	10.5281/zenodo.14670480
Chandrasekar R	Validation of a Stability-Indicating Analytical Method Development for Simultaneous Estimation of Sodium Phenylbutyrate and Taurursodiol in Bulk and Formulation Using UPLC Method	Iranian Journal of Pharmaceutical Sciences	Research	International	Scopus	Sivagami B, Navya, Niranjana Babu M	21, 5, 70-81	2025	https://doi.org/10.2037/ijps.v21i1.45528
Saravanakumar kasimedu	A Review on Physico-Chemical and Biopharmaceutical Aspects of SelfMicro Emulsifying Drug Delivery System (SMEDDS)	International Journal Of Pharmaceutical Sciences	Review	International	Scopus	Nagaveni Pommala, Pranuth Atthoti, Swetha Meeniga, Mounika Gandham	Vol 3, Issue 1, 994-1005	2025	10.5281/zenodo.14638364
Dr. Jyothi Basini	Assessment of Chronic Kidney Disease Awareness Among Patients in a Tertiary Care Hospital: A Questionnaire- Based Study	International Journal Of Health And Allied Sciences	Research	International	Scopus	Srija Sadanala, Srinivasa Y. Poolugari, Susmitha Karakambadi, Teja Apthiri, R. Ram	13:59-67	2024	DOI: 10.55691/2278-344X.1074
Saravanakumar Kasimedu & A. Rekha Devi	Transdermal Delivery of Azilsartan: Formulation Strategies and Performance Evaluation	Asian Journal of Pharmaceutics	Research	International	Scopus	Ravi Kumar Gangaiahgari, Rajyalakshmi Anem Vijay, Thanusree Matam, Nagaveni Pommala, Niranjana Babu Mudduluru	18 (4) 1296	2024	https://doi.org/10.22377/ajp.v18i04
Mallikarjuna Gandla	Advancements in Protein-based Therapies for Cancer: A Comprehensive Analysis	Indian Journal of Natural Sciences	Review	International	Web of Sciences	Niranjana Babu Mudduluru	Vol.15 / Issue 85 / Aug / 2024	2024	-
Sanjeeva Kumar Avvari	Formulation and Evaluation of Poly Herbal Hand wash	Indian Journal of natural Sciences	Research	International	Web of Sciences	Niranjana Babu M, Chandra Sekhar R, Udaya Sree B, Bhavana P, Harshitha S, Rajesh P and Vijay Bhaskar Reddy SK	Vol.15 / Issue 85 Pages 76591-76599	2024	
E Sunil Kumar	Drug Utilization Study of Anticancer Drugs in Breast Cancer Patients at a Tertiary Care Teaching Hospital	Journal Of Pharma Insights And Research	Review	International	Google Scholar	S Sirisha, J Stephanina	2024, 02(04), 190-198	2024	https://doi.org/10.69613/4g4xnq57
E Sunil Kumar	Assessing Physical Functioning and Activity in Patients with Chronic Kidney Disease	Journal Of Pharma Insights And Research	Review	International	Google Scholar	P Roopalatha, S Salma	2024, 02(04), 001-007	2024	https://doi.org/10.69613/cr0k9j10



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A Sanjeeva Kumar	Formulation and Evaluation of Poly Herbal Hand wash	Indian Journal of natural Sciences	Research	International	Web of Sciences	Niranjan Babu M, Chandra Sekhar R, Udaya Sree B, Bhavana P, Harshitha S, Rajesh P and Vijay Bhaskar Reddy SK	Vol.15 / Issue 85 Pages 76591-76599	2024	-
D.R.Arunakumari	A Natural Alternative for Skin Infections: Antimicrobial Cream Using Volatile Oils-Formulation, Evaluation and Optimization using Central composite Design	Bulletin Monumental Journal	Research	International	Scopus	M.Dharani M.Niranjan babu	Vol 25, issue 9	2024	
B Sivagami	Analytical Quality by Design Assisted Optimization and Determination of Chromatographic Methodology for Quality Assessment of Brivaracetam: by Box-Behnken Design	Bulletin Monumental Journal	Research	International	Scopus	Niranjan Babu M Aravindhana S, Chandrasekar R	Vol 25 issue 8 17-84	2024	
Dr B Jyothi	A rare case report on neurocysticercosis – A parasitic disease	Indian Journal of Pharmacy and Pharmacology	Review	International	Scopus	Hemalatha J , Prathyusha M , Shaheera G	11 (3) : 164-167	2024	
Dr. M. Nirmala	“Development and validation for the estimation Of Ambroxol, Terbutaline in Pharmaceutical dosage form by RP-HPLC”	Bulletin Monumental Journal	Research	International	Scopus	A.Lavanya, G. Satheesh Kumar, Mukunda Priya and Pujeli Raghu Ginnis Kumari	Volume 25, Issue 9	2024	DOI.org/11.37896/BMJ25.9/8303
Saravanakumar Kasimedu	Optimizing Orphan Drug Rucaparib Transdermal Patches for Ovarian Cancer: A Design Expert-Based Strategy for Prolonged Drug Release	International Journal of Drug Delivery Technology	Research	International	Scopus	Hina Deepak Mehta, Bharath Raj KC, Vema Kiran	Volume 14 Issue 3,	2024	10.25258/ijddt.14.3.27
Sivagami B	Box-Behnken Design Assisted AQbD Approach for the Optimization and Quality Assessment of Ensitrelvir in Bulk and Dosage forms by RP-HPLC	Biosciences, Biotechnology Research Asia	Research	International	Web of Science	Dinesh MV, Pavan Kumar V, Chandrasekar R, Sanjeeva Kumar A and Satheesh Kumar G	21 (4)	2024	http://dx.doi.org/10.13005/bbra/3328
Lavanya Yaidikar	Formulation And Evaluation Of Topical Gel Of Insulin For Treating Type - II Diabetic Mellitus	Korean Journal of Physiology and Pharmacology	Research	International	Scopus	S.Valarmathi, Gaurav Pratap Singh, Dr. Neelam Pawar, Senthil Kumar Raju, Ravikumar Bapurao Shinde, Rekha S., Fajage Deepak Vitthalrao	Volume 28, Issue 2; 377-387	2024	DOI:10.25463/kjpp.28.2.2024.4
Saravanakumar Kasimedu	Exploring Indolyl Triazoles: Synthesis, Computational Profiling and Antimicrobial Assessment	Asian Journal of Chemistry	Research	International	Scopus	Geetha Birudala, Rajendra Dnyandeo Dighe, Sowjanya Pulipati, Hari Veluru, Naveenkumar Gandupally	Vol. 36, No. 9 (2024), 2145-2152.	2024	https://doi.org/10.14233/ajchem.2024.32148



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Niranjan Babu Muddulur	Formulation Development and Evaluation of Agave Americana and Aloe Vera-based Ointment	Biochem. Cell. Arch.	Research	International	Web of Science	Rajesh Kumar Sharma, Sachin Kumar, Rekha Tarasingh Rajput, Jaskirat Singh, Manish Gupta, Abu Tahir and Pooja Pradeep Gujar	24, 3047-3056.	2024	DOI: https://doi.org/10.51470/bca.2024.24.2.3047
Mallikarjuna Gandla	<i>In vitro</i> and <i>In Silico</i> investigation of anti-obesity effect of <i>Shorea tumbuggaia</i>	Biochem. Cell. Arch.	Research	International	Web of Science	Bontha Bhargava Reddy, Saravanakumar Kasimedu and Niranjan Babu Mudduluru	24, 3145-3151	2024	DOI: https://doi.org/10.51470/bca.2024.24.2.3145
Dr. Abdul Sattar	Development and Validation of a Novel Method for the Simultaneous Estimation of Ketorolac and Febuxostat in bulk and tablet formulation by RP-HPLC	Advances in Bioresearch	Research	International	Web of Science	Shaik Mohammed Yusuf, Shankar Cheruku	Vol 15 (5) November 2024: 01-09; 1-9	2024	
Dommaraju R Aruna Kumari,	Metoprolol succinate and Olmesartan medoxomil spiked in human plasma for simultaneous estimation of antihypertensive drugs using RP-HPLC	Frontiers in Health Informatics	Research	International	Scopus	N Madana Gopal, Dattatraya B. Thorat	Vol 14, issue 3, 4506-4519	2024	https://doi.org/10.52783/fhi.vi.399
Chandrasekar R	Design Approach in RP-HPLC Method Development and Validation of Nirogacestat in its Pure and Pharmaceutical Dosage Form	JCHR	Research	International	Scopus	Sivagami B, Roshini M, Kumanan R, Sudha S, Sai Koteswar Sharma	14(6)	2024	doi:10.1056/NEJMo a2210140
A Rekha Devi	Chronotherapeutic Design of pH-Sensitive Pulsatile Microparticles for Salbutamol Sulphate in Nocturnal Asthma Management	Frontiers in Health Informatics	Research	International	Scopus	Venkatesh Naik V, Ramenani Hari Babu, Sarwar Imam, Priyanka Vikram Ingle, Vema Kiran, Touseef Begum	13; 3 & 5540-5556	2024	https://doi.org/10.52783/fhi.vi.508
P. Thanay Kumar	Drug-induced Anti-Neutrophil cytoplasmic antibodies (ANCA)-associated Vasculitis: Clinical features, Diagnostic approaches, and management with a focus On Propylthiouracil	World Journal of Pharmacy and Pharmaceutical Sciences	Research	International	Google Scholar	R. Surendra, S. Hamedunnisa Begam and V. C. Parvathy	Vol 13, Issue 11	2024	DOI: 10.20959/wjpps202411-28524
Lavanya Yaidikar	Investigation of <i>Moringa oliefera</i> leaf hydroalcoholic extract's pharmacognostic, phytochemical, and antioxidant effects	Frontiers in Health Informatics	Research	International	Scopus	Ashok Kumar BS, J. B. Veeramalini, Ravi Keshari, Manish G. Baheti, Vandana R Nair, Shriram Bairagi, Jayshri Hiradas Bairagi	13 (4), 436-443	2024	https://doi.org/10.52783/fhi.vi.1136
Yogendra Shrestha	Exploring the Interplay: COVID-19 Vaccination's Influence on Long-term Symptoms and Quality of Life in Post-COVID Recovery	Journal of Young Pharmacists	Research	International	Web of Science	Kantharaja Jain, Prakashkumar Doddasamiah, Stephania Joseph, Rajesh Venkataraman	16(4):830-839.	2024	10.5530/jyp.2024.16.106
Yelamanda Jagadeesh	Preparation and Characterization of Minoxidil Emulgel	Bulletin of Environment, Pharmacology and Life Sciences	Research	International	Google Scholar	D Swarna Manjula, L.Divya, B.Manasa,G.,Sreevani, B.Reena, R.Radha, M.Nirajan Babu	13:12 & 14-20	19-11-2024	-



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Mallikarjuna Gandla	Cardioprotective Activity of Hylocereus undantus Fruit Peel Extract against Cyclophosphamide Induced Cardiotoxicity in Rats	Indian Journal of Natural Sciences	Research	International	WoS	Navaneeswar Bathala, Arshiya Pathan, Gunasekhar Reddy Mukkandla, Madhan Mohan Gangarapu, Sameera Bee Kamalapuram and Niranjana Babu Mudduluru	Vol.15 / Issue 87 / Dec / 2024	Dec 2024	-
D. Meena	Metoprolol succinate and Olmesartan medoxomil spiked in human plasma for simultaneous estimation of antihypertensive drugs using RP-HPLC	Frontiers in Health Informatics	Research	International	Scopus	Dattatraya B. Throat, K. Mrudula Devi, Nisha Rawat, Dommaraju R Aruna Kumari, Sudheer Moka, D. Meena	2024; Vol 13: Issue 3; Page no. 4506 - 4519	2024	-
M. Nirmala	Development and Validation of a Method for the Simultaneous Estimation of Diltiazem and Lidocaine Using Ultraviolet-Visible Spectroscopy	Nanotechnology Perceptions	Research	International	Scopus	Anil Kumar Singh, Bushra jabi , Moumita Dhara , Anil Kumar Singh , Anilkumar . Shinde, Uma Shanker Maurya , Ashok Kumar BS, Fahim Ansari	Vol. 20 No. S15 (2024) 914-925	Dec 1, 2024	
Nirmala M	“Development and validation for the estimation Of Ambroxol, Terbutaline in pharmaceutical dosage form by RP-HPLC”	Bulletin Monumental Journal	Research	International	WoS	Agamudi Lavanya, Satheesh kumar Gunasekaran, Meka Mukunda Priya and Pujeli Raghu Ginnis kumari	Volume 25, Issue 9	September 2024	
Pavan Kumar V	Liquid Chromatographic Assay Method for the Simultaneous Determination of anti-cancer drugs in bulk and Pharmaceutical Dosage Forms	African Journal of Biological Sciences	Research	International	Scopus	Jagadeesh, Mahirah, V. Amaravath	6(13): 2780-2791	02-07-2024	https://doi.org/10.48047/AFJBS.6.13.2024.2780-2791