

# RESEARCH PUBLICATIONS

## FACULTY PUBLICATIONS FOR THE ACADEMIC YEAR 2021-22

**Total no of Publications-27**

S.No	PAPER INFORMATION (AUTHORS; TITLE OF THE PAPER; NAME OF THE JOURNAL; VOLUME NO;ISSUE NO;YEAR;PAGE NO)	Indexed in/ impact factor
1	Padmanabha Rao Amarachinta, Garima Sharma, Noufel Samed, Ananda Kumar Chettupalli, Madhusudhan Alle and Jin Chul Kim; Central composite design for the development of carvedilol-loaded transdermal ethosomal hydrogel for extended and enhanced anti-hypertensive effect.; Journal of Nanobiotechnology;19;100;1-15;2021;1477-3155; <a href="https://doi.org/10.1186/s12951-021-00833-4">https://doi.org/10.1186/s12951-021-00833-4</a>	SCI; Web of Science; Scopus/ 10.435
2	E Susithra, S. Rajkumar, S. Komal Walmik Pansare, S. Praveena, PV. Parvati Sai Arun, Rajasekhar Chekkara, Gangarapu Kiran ; Design, Synthesis, Antimicrobial and Anticancer Activity of some Novel Benzoxazole- Isatin Conjugates; Biointerface research in applied chemistry; 12;2;2021;2392-2403;2069-5837	Web of Science; Scopus
3	Tasqeeruddin Syed, Yahya I. Asiri, Shaheen Shaheen & Kiran Gangarapu; Design, synthesis and anticancer evaluation of structurally modified substituted aryl-quinazoline derivatives as anticancer agents; Synthetic Communications; 51;18;2021;2782-2795; 1532-2432	SCI; Web of Science; Scopus/ 2.007
4	Akiful haque M, Shiva charan Gr, Parveen Md, Shanthi Priya, Teja Kumar Reddy Konatham, Vasudha Bakshi; Sensor applications in Analysis of Drugs and Formulations; Asian Journal of Pharmaceutical and Clinical Research; 14;11;2021;21-23; 2455-3891	
5	Maneshwar. T, Hemalatha. S, Nagaraj. P, M. Rammohan, Mounika. N, Shanthi priya. D. K, Vasudha Bakshi; Pyrazole Promosing entity for Biological Activity an Review; World Journal of Pharmacy and Pharmaceutical sciences; 10;9;2021;404-433;2278-4357	
6	Ravula Arun Reddy, Teegala Suraj Benerji, Kalakotla Shanker, Pasangulapati Jagadeesh Prasad, Venkatesan Perumal, Boyina Hemanth Kumar; Fisetin, potential flavonoid with multifarious targets for treating neurological disorders: An updated review; <u>European Journal of Pharmacology</u> ; 910;2021;1-46	SCI; Web of Science; Scopus/ 4.432
7	M Akiful Haque, Vasudha Bakshi, Maneshwar Thippani, Ram Mohan Manda, Narender Boggula; Development and Validation of UV Spectrophotometric Method for the Determination of Dolutegravir by Using Quality by Design (Qbd) Approach; Journal of Advanced Scientific Research; 12;3;2021;113-119;0976-9595	UGC

8	Ceela swetha, Chandragiri Bhavani Shankar, Dabbi Sravanthi, Dandaboina Pooja, Vasudha Bakshi, Narender Boggula; Assessment of Phytochemical evaluation and Antibacterial activity of <i>Mirabilis jalapa</i> : An in vitro design; <i>Journal of Pharmaceutical Advanced Research</i> ; 4;8;2021;1353-1359;2581-6160	
9	Jainendra Kumar Battineni, Padmanabha Rao Amarachinta, Ananda Kumar Chettupalli, Venkateswara Rao Pragada and Ramkoteswara Rao Amara; Anti-Microbial and Diuretic Activity of <i>Mirabilis Jalapa</i> (Linn); <i>Journal of Xi'an Shiyou University, Natural Sciences Edition</i> ; 2021;94-110;1673-064X	Scopus
10	Kasturi Jahnvi, Bere Jyostna, Karangula Jyoshika, Ilavarapu Ashwitha, Diddiga Amulya, Kannekanti Chaitanya, Boggula Narender; Remdesivir: A critical review; <i>Journal of Pharmaceutical Advanced Research</i> ; 4;6;2021;1285-1295;2581-6160	
11	Vamshikrishna. Gone, Bhuvanachandra Pasupuleti, Banavath Heeralal, Naveen Pathakala, Narender Boggula; A Validated UPLC-MS/MS Method for the Quantification of Cyclophosphamide in Human Plasma: Application to Therapeutic Drug Monitoring in Cancer Patients; <i>Annals of the Romanian Society for Cell Biology</i> ; 25;6;2021; 15063–15080; 1583-6258	Scopus
12	Vyshali Veerareddy, Sireesha Dodda and Kiran Gangarapu; Development and validation of ultra performance liquid chromatography-tandem mass spectrometry method for the simultaneous estimation of dolutegravir, lamivudine and tenofovir in bulk and tablet dosage form; <i>European Journal of Mass Spectrometry</i> ; 27;6;2021;1-7; 1469-0667	SCI; Web of Science; Scopus/ 1.067
13	Pinnoju Srawanthi, D. Sireesha, G. Kiran, M. Akiful Haque and Vasudha Bakshi; Method Development and Validation for simultaneous estimation of Sofosbuvir and Velpatasvir by UV-Visible Spectrophotometry; <i>International Journal of Pharmaceutical Sciences and Research</i> ; 12;7;2021; 3969-3974;2320-5148	
14	Ananda Kumar Chettupalli, Ramkoteswar Rao Amara, Padmanabha Rao Amarachinta, Ram Mohan Manda, Baba Shankar Rao Garige, Vinod Kumar Yata; Formulation and Evaluation of Poly Herbal Liqui-Solid Compact for its Anti-Inflammatory Effect; <i>Biointerface Research in applied Chemistry</i> ; 12;3;2021; 3883 – 3899;2069-5837	Web of Science; Scopus
15	Madhurika Sirigadi, Nirosha Bolledla, Mounika Bodige, Ananda Kumar Chettupalli, Jainendra Kumar Battineni, Himabindu Peddapalli; In Vitro and In-Vivo Evaluation of NSAID Loaded Eudragit Microspheres using Response Surface Methodology; <i>Jilin Daxue Xuebao</i> ; 40;11;2021;1-22; 1671-5497	Web of Science; Scopus
16	Ahmed Hassen Shntaif, Sharuk Khan, Ganesh Tapadiya, Anand Chettupalli, Shweta Saboo, Mohd Sayeed Shaikh, Falak Siddiqui, Ramkoteswara Rao Amara; Rational drug design, synthesis, and biological evaluation of novel N-(2-arylamino-phenyl)-2,3-diphenylquinoxaline-6-sulfonamides as potential antimalarial, antifungal, and antibacterial agents; <i>Digital Chinese Medicine</i> ; 4;2021;290-304; 2096-479X	Scopus

17	Purna Koteswara Rao Cherukumalli, Bhaskara Rao Tadiboina, Kali Charan Gulipalli, Srinu Bodige, Vishnu Nayak Badavath, Gattu Sridhar, Kiran Gangarapu; Design and synthesis of novel urea derivatives of pyrimidine-pyrazoles as anticancer agents; <i>Journal of Molecular Structure</i> ; 1251;2022;0022-2860	SCI; Web of Science; Scopus/ 3.196
18	Dibya lochan Mohanty, Ameenuzzafar Zafar, Mohammed Jafar, Atul Kumar Upadhyay, Mohammad Akiful Haque, Jeetendra Kumar Gupta, Vasudha Bakshi, Mohammed M. Ghoneim ultan Alshehri, Mohammed Asadullah Jahangir and Mohammed Javed Ansari; Development, In-Vitro Characterization and Preclinical Evaluation of Esomeprazole Encapsulated Proniosomal Formulation for the Enhancement of Anti-Ulcer Activity; <i>Molecules</i> ; 27,2022	SCI; Web of Science; Scopus/ 4.411
19	Bhavana Goud Ranga, Rithika Sankepally, Sneha Sollu, Venkateswara Rao Pragada, M Akiful Haque, Vasudha Bakshi, Narender Boggula; Analytical Method Development and Validation of Tolvaptan in bulk and its tablet dosage form by UV- Spectrophotometry; <i>Indo American Journal of Pharmaceutical sciences</i> ; 9;2;2022;186-193;2349-7750	UGC
20	Mohammed Asadullah Jahangir, Pooja Jain Rishabh Verma, Mohamad Taleuzzaman, Mohamed Jawed Ahsan, Anand Kumar Chettupalli, Abdul Muheem , Mohd Aamir Mirza ; Transdermal Nutraceuticals Delivery System for CNS Disease; CNS & Neurological Disorder/Drug Targets; DOI: 10.2174/1871527321666220112154051	SCI; Web of Science; Scopus/ 4.388
21	Pinnoju Srawanthi, Siresha Dodda, Jainendra Kumar Battineni; Development and Validation of RP-HPLC method for simultaneous estimation of Sofosbuvir and Velpatasvir in bulk and tablet dosage form; <i>Journal of Advanced Scientific Research</i> ; DOI: 10.55218/JASR.202213132; 13;1;281-285;2022;0976-9595	UGC
22	Aziz Unnisa, Ananda K. Chettupalli, Turki Al Hagbani, Mohammad Khalid, Suresh B. Jandrajupalli, Swarnalatha Chandolu and Talib Hussain; Development of Dapagliflozin Solid Lipid Nanoparticles as a Novel Carrier for Oral Delivery: Statistical Design, Optimization, In-Vitro and In-Vivo Characterization and Evaluation; <i>Pharmaceuticals</i> ; DOI: <a href="https://doi.org/10.3390/ph15050568">https://doi.org/10.3390/ph15050568</a> ; 15;568;1-31;2022;1424-8247.	Scopus; Web of Science; SCI; 5.863
23	Aziz Unnisa and Ananda Kumar Chettupalli; Promising Role of Phytochemicals in the Prevention and Treatment of Cancer; <i>Anti-Cancer Agents in Medicinal Chemistry</i> ; 22;0;1-7;2022;1871-5206; DOI: 10.2174/1871520622666220425133936.	Scopus; Web of Science; SCI;2.505
24	Santhoshi Priya Dandamudi, Vasanthi Rangapuram; Synchronized analysis of Bempedoic acid and Ezetimibe in pure binary mixture and their combined tablets by a new stability indicating RP-UPLC method; <i>International Journal of Health Sciences</i> ; 6;S3;7278-7290;2022;2550-696X; DOI: <a href="https://doi.org/10.53730/ijhs.v6nS3.7743">https://doi.org/10.53730/ijhs.v6nS3.7743</a>	Scopus
25	Swagatika Das, Amulyaratna Behera, Ladi Alik Kumar, Dibyalochan Mohanty and Prashanth PA; Hair loss and Treatments-Updates and Perspectives; <i>Indian Journal of Natural Sciences</i> ; 13; 72; 1-8; 2022; 0976-0997	Web of Science

26	Kurni Lakshmi Deepthi <sup>1</sup> , N.J.P. Subhashini and T. Maneshwar; Synthesis, Molecular Docking Studies, Antimicrobial, Anticancer and Antioxidant Activity of Some Novel Mannich Bases of Isatin Scaffold; Asian Journal of Chemistry; 34;5;1097-1104;2022; 9707077	Scopus
27	Himabindu Peddapalli, G. V Radha; Current approaches in Lipidic-nanoparticle Systems for buccal drug Delivery; <i>Research Journal of Pharmacy and Technology</i> ; 15;3;1-6; 2022; 0974-360X	Scopus