



**Research contribution CAY 2024-2025**

S.No.	Authors Name	Title of Research Paper	Year	Name of journal	Volume/issue/pg. no.	Impact factor
01	Dr. Nilesh Jain, Dr. R.B. Goswami	Formulation and evaluation of phospholipid complex of bark extract of holarrhena antidysentrica	2024	Journal of maharaja sayajirao university of Baroda	58, (1)	5.66
02	Abhishek Banke	Phytochemical investigation and hypoglycemic evaluation of Artemisia indica wild medicinal plant	2024	Journal of chemical health risks	14(1), 1812-20	0.78
03	Dr. R.B. Goswami	Formulation development and evaluation of buccal patches of antihypertensive drug	2024	Journal of maharaja sayajirao university of Baroda	58, (1), 1-7	5.66
04	Mr. Sumit Chourasia, Dr. R.B. Goswami	Formulation and characterization of lipospheres of tolbutamide	2024	Madhya Bharti- humanities and social sciences	85, (8)	-
05	Ms. Vidushi Singh, Ms. Ruchi Kapoor, Ms. Priyanka Rathore	Design, synthesis and evaluation of delayed release microsphere of greek pitch containing ACE inhibitor drugs	2024	European chemical bulletin	12, (6), 598-612	3.71
06	Ms. Priyanka Rathore	Nanostructured lipid carriers for improved delivery of therapeutics via the oral route	2024	Hindawi Journal of Nanotechnology	2023(1), p.4687959.	4.07



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07	Ms. Priyanka Rathore	Oil in water nanoemulsions for glaucoma treatment: An insight into the latest trends	2024	BioImpacts	15, 1-14	3.47
08	Dr. Neelima Goswami	Formulation and characterization of azilsartan loaded self emulsifying drug delivery system	2024	African Journal of Biological Sciences	6 (9), 1711-1721	1.21
09	Ms. Surbhi Jain	Formulation development and evaluation of herbal ointment for the management and treatment of alopecia	2024	African Journal of Biological Sciences	6 (4)	1.21
11	Ms. Surbhi Jain	Comparative study of medicinal plant as potential emphasis on physicochemical and phytochemical parameters	2024	European chemical bulletin	12 (10)	3.71
12	Ms. Divya Prajapati	Evaluation of the anti-ulcer properties of a controlled release preparation with aqueous extract from verbena hastate in rodent models	2024	African Journal of Biological Sciences	6 (10)	1.21

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13	Mr. Sumit Chourasia, Dr. R.B. Goswami	Formulation and characterization of lipospheres of tolbutamide	2024	Madhya Bharti- humanities and social sciences  UGC Care Group I journal	85, (8), 1-6	1.4
14	Dr. Ruchi Jain, Ms. Nidhi Saxena, Dr. R. B. Goswami	Formulation and characterization of copper nanoparticle using rheum emodi stem extract and its anti-microbial activity	2024	Juni Khyat, UGC Care Group I journal	14(03)	-
15	Dr. Swati Rathore	Exploring Tryptophan- based short peptides: promising candidate for anticancer and anti- microbial therapies	2024	Anticancer agents in medicinal chemistry	24, (20), 124-133	2.6
16	Dr. N.S. Lodhi, Divya Prajapati, Dr. R. B. Goswami	Formulation and characterization of labetalol hydrochloride sustained release microsphere	2024	Journal of maharaja sayajirao university of Baroda	58, (1), 1-7	5.66
17	Ms. Divya Prajapati	Unlocking the potential of DNMTs, non-coding RNAs, dietary habits and environmental exposure in regulating neurodegeneration: a glimpse into Parkinson's disease and alzheimer's disease pathophysiology	2024	African Journal of Biological Sciences	5 (8), 1517- 24	1.21

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18	Dr. Neelima Goswami	Epigenetic mechanism and their role in non- alcoholic fatty liver disease (NAFLD) pathogenesis	2024	Journal of Pharma insight and research	2, (3), 234- 43	-
19	Ms. Priyanka Rathore, Dr. Ruchi Jain, Dr. Nilesh Jain, Dr. R.B. Goswami	Formulation and characterization of transethosome of bifonazole for effective management of fungal disease	2024	African Journal of Biological Sciences	6, (4), 6644-6650	1.21
20	Mr. Sumit Chourasia, Dr. Nilesh Jain, Dr. R.B. Goswami	Formulation and characterization of sacubitril and valsartan bilayer tablets	2024	Journal of maharaja sayajirao university of Baroda	58, (1), 1-6	5.66
21	Dr. R.B. Goswami, Dr. Nilesh Jain, Ms. Madhu Kushwaha, Dr. Ruchi Jain	Formulation, development and optimization of phytosomal gel of waltheriaindica extract	2024	Journal of maharaja sayajirao university of Baroda	58, (1), 8- 15	5.66
22	Dr. Neelima Goswami, Ms. Priyanka Rathore, Ms. Surbhi Jain, Dr. R.B. Goswami	Formulation and characterization of gastroretentive tablets of dexlansoprazole using gellan gum and gum Arabica as natural polymers	2024	Journal of maharaja sayajirao university of Baroda	58, (1), 1-8	5.66

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23	Ms. Surabhi Jain, Dr. R.B. Goswami, Dr. Nilesh Jain	Quality by design assisted formulation and development of nano-sponges gel containing hydroquinone and salicylic acid for topical delivery	2024	International journal of pharmaceutical and clinical research	6, (2), 27-32	5.2
24	Ms. Surabhi Jain, Dr. R.B. Goswami	Biogenic synthesis of silver nanoparticles of adenostemma Lavenia extract and its antimicrobial activity	2024	Journal of maharaja sayajirao university of Baroda	58, (1), 80-86	5.66
25	Dr. Neelima Goswami, Dr. R.B. Goswami, Ms. Priyanka Rathore, Ms. Vidushi Singh	Formulation and characterization of zinc oxide nanoparticles by green synthesis method	2024	International journal of pharmaceutical and drug analysis	4, (1), 113-120	0.94
26	Dr. Swati Rathore	Design, Synthesis and Pharmacological Evaluation of 1-Phenyl-4, 5-Dihydro-1H-Pyrazoles Derivative by in-Vitro and in-Silico Methods: A Combined Approach	2024	International Journal of All Research Education and Scientific Methods (IJARESM)	12, (4), 1162-74	8.53
27	Dr. Swati Rathore	Current advances in cancer treatment: A comprehensive review of therapeutic strategies and emerging innovations.	2024	World Journal of Biology Pharmacy and Health Sciences	18(1), 274-282.	8.16

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28	Dr. Ruchi Jain	Formulation & evaluation of silver nanoparticles of hydroalcoholic extract of cuscuta reflexa	2025	<i>Cuestiones de Fisioterapia.</i>	2025 Feb 3;54(3):790 -803	0.039
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