

Faculty achievements

New Patents

S. N.	Title	Filed (Application No.)	Patent Type	Awarded (Grant No.)	Name of the Inventor
1.	Apparatus for synthesis of pharmaceutical nanosuspension	6307315	Grant	6307315	Mr. Prabhat Kuamr Das
2.	Specific Portable Rotatory Evaporator for Natural products	6320792	Grant	6320792	Mr. Prabhat Kuamr Das
3.	Anxiety Detection Cap	379066-001	Grant	379066-001	Mr. Prabhat Kuamr das & Mr. Vijay Salvekar
4.	IOT- enabled Enclosures for Dissolution systems.	6285114	Grant	6285114	Mr. Prabhat K. Das, Mr. Vijay Salvekar, Mr. Bhagwan Yadav
5.	Device for extraction of active constituents from Medicinal plants	6319980	Grant	6319980	Mr. Narendra S. Badore
6.	Digital viscometer	6294265	Grant	6294265	Mr. Koushal S. Patel, Mr. Vinit Shivane



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Research paper publication

S.N.	Authors Name	Title	Journal	Year
1.	Mr. Nitin Deshmukh	Prediction of in silico ADMET Properties and Molecular Docking Study of Substituted Thiadiazole for screening of Antibacterial and antifungal Activities against Protein Targets Helicobacter pylori α -Carbonic Anhydrase and Trypanosoma Brucei Pteridine Reductase.	Asian Journal of Organic & Medicinal Chemistry	2022
2.	Mr. Prabat Das	Investigation of anti-diabetic potential of the flowers of Hibiscus syriacus L. Plant	IJPSSDR	2022
3.	Dr. Nikhlesh Birla	A review on spinal muscular atrophy	Journal of fundamental & comparative reserach	2022
4.	Dr. Nikhlesh Birla	Diuretic activity of aeous extract of <i>stigma maydis</i> in rats	Journal of the maharaja sayajirao university of Baroda	2022
5.	Mr. Narendra S. Bhadore	Cardioprotective effect of Hibiscus syriacus extract on isoproterenol induced myococardial infraction in rats.	IJPSSDR	2022
6.	Gagan Kukloria	Formulation and designing of tazarotene drug-loaded ethosomes and transfersomes for enhanced topical treatment of acne	IRJHRSS	2022
7.	Prabhat Das	Evaluation of anti-urolithiatic activity of <i>Bougainviller spectabilis</i> wild. Against sodium oxalate-induced Nephrolithiasis in Rats	International Journal of Pharmaceutical Sciences and Drug Research	2023
8.	Prabhat Das	<i>In-Vitro</i> Litholytic potential of the plant <i>Bougainviller spectabilis</i> extracts on ethylene glycol-induced nephrolithiasis.	Journal of the Maharaja Sayajirao University of Baroda	2023


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9.	Nilesh Mandloi, Nitin Deshmukh, Bhoopendra Patidar, Sujit Pillai	Design, synthesis, molecular docking and <i>In-vitro</i> antimalarial activity of 7-chloro-4-aminouinoline substituted analogues	International Journal of Pharmaceutical Sciences and Drug Research	2023
10.	Gagan Kukloria, Koushal Patel	Formulation and evaluation of orodispersible tablet of Omeprazole using hibiscus rosa sinesis mucilage as natural superdisintegrant	Journal for Basic Science	2023

Book Published

S. N.	Name of the teacher	Title of the book/chapters published	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher
1	Mr. Gagan Kukloria Mrs. Sonam Kukloria	A practical book of pharmaceutics II	2022	978-62-06147-32-9	Lambert
2	Mrs. Nidhi Namdev	Industrial Pharmacy-II	2022	978-93-95161-55-8	New Age International PVT LTD


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