

NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY (PHARMACY INSTITUTE)

Patents Filed/Published/Granted

S. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Published Date / Granted Date (DD/MM/YY YY)
2025						
1.	201811040847	Granted (570554)	Dr. Avjit Majumder	Process for isolating antibacterial compounds from plant	Noida Institute of Engineering & Technology (Pharmacy Institute)	Granted:10.09.2025 Published:07.12.2018
2.	201911053658	Granted (570487)	Dr. Avijit Mazumder	Herbal anti-oxidant formulation for diabetic wounds and method of preparation thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	Granted:09.09.2025 Published:07.12.2018

3.	202311058371	Granted (564291)	Dr. Saumya Das Ms. Shobhini Chandel Dr. Rupa Mazumder Ms. Chandana Majee	Formulation of a hydrogel of <i>Euphorbia hirta</i> and preparation method thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	Granted:28.03.2025 Published:29.09.2023
4.	201911054797	Granted (568391)	Dr Rupa Mazumder Ms Chandana Majee Dr. Avijit Mazumder	Anti-oxidant phytochemical composition of t.bispinosa and method of isolation thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	Granted 04.07.2025 Published: 02.07.2021
5.	202211036415	Granted (569766)	Dr. Avijit Mazumder Dr. Veena Devi Singh Mr. Shivam Kumar Yadav Dr. Rupa Mazumder Dr. Rakhi Mishra Dr. Rajnish Kumar Dr. Anjna Rani Dr. Vijay Kumar Singh	Polyherbal emulgel formulation acting against psoriasis and method for preparation thereof	Dr. Avijit Mazumder Dr. Veena Devi Singh Mr. Shivam Kumar Yadav Dr. Rupa Mazumder Dr. Rakhi Mishra Dr. Rajnish Kumar Dr. Anjna Rani Dr. Vijay Kumar Singh	Granted:12.08.2025 Published:24.06.2022
6.	202511036284	Published	Dr. Chandana Majee Dr. Rupa Mazumder Dr. Avijit Mazumder Mr.Anmol Atriya Dr. Swarupanjali Padhi Dr. Anjana Rni	Phosphorylated andrographolide derivative floating microspheres and method of preparation thereof for enhanced bioavailability	Dr. Neema Agarwal	Published:02.05.2025

7.	202511036747	Published	Dr. Rupa Mazumder Dr. Anjna Rani Ms.Jyotsna Kharbanda Dr. Rakhi Mishra Dr. Rajnish Kumar Swati Yadav Soumya Mishra Sonia Chuham	Composition and method for formulating quercetin and resveratrol-loaded glycerosomal gel for the management of arthritis	Dr. Neema Agarwal	Published:02.05.2025
8.	202511037052	Published	Dr. Neema Agarwal	A composition and process for wound healing and diabetes management using trevia polycarpa leaf extract	Dr Avijit Mazumder Dr Priyanka Bansal Dr. Rupa Mazumder Mr Abhas Kumar Dr Rajnish Kumar Dr Anjna Rani Dr Sanjay Yadav Dr Salahuddin	Published:02.05.2025
9.	202511036755	Published	Dr Avijit Mazumder Dr Saumya Das Dr Rupa Mazumder Ms Garima Singh Dr Anjna Rani Dr Rakhi Mishra Ms Bhavani Pentela Dr Chandana Majee Ms Archna Singh Dr Sanjay Yadav	Method for preparing a plant-based bioyogurt to mitigate acetaminophen-induced hepatic and renal toxicity	Dr Avijit Mazumder Dr Saumya Das Dr Rupa Mazumder Ms Garima Singh Dr Anjna Rani Dr Rakhi Mishra Ms Bhavani Pentela Dr Chandana Majee Ms Archna Singh Dr Sanjay Yadav	Published:02.05.2025
10.	202511030737	Published	Dr Rajnish Kumar Mr. Anmol Dogra Mr Vimal Dutt Ms Archna Singh Mr Himanshu Singh Mr Ranjeet Kumar Yadav Ms Shrishti Tripathi Dr Salahuddin Dr Avijit Mazumder Dr Rupa Mazumder Dr. Anjna Rani	Piperazine conjugates comprising heterocyclic moieties	Dr Rajnish Kumar Mr. Anmol Dogra Mr Vimal Dutt Ms Archna Singh Mr Himanshu Singh Mr Ranjeet Kumar Yadav Ms Shrishti Tripathi Dr Salahuddin Dr Avijit Mazumder Dr Rupa Mazumder Dr. Anjna Rani	Published:18.04.2025

			Dr. Priyanka Bansal		Dr. Priyanka Bansal	
11.	202511038508	Published	Dr Avijit Mazumder Ms Bhavani Pentela Ms Madhurimadr Dr Priyanka Bansal Dr Salahuddin Ms Nidhi Sharma	Formulation and method for evaluating the antihypertensive and diuretic potential of Cascabela thevetia leaf extract	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published:16. 05. 2025
12.	202511078431	Published	Dr Anjna Rani, Dr Rupa Mazumder, Jyoti Gupta ,Dr Rakhi Mishra, Mr Abhijit Debnath Ms. Swati Yadav	Method for QBD formulation, optimization and characterization of pycnogenol phytosomal gel for melasma treatment	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published:26. 09.2025
13.	202511078450	Published	Dr Sushma Verma, Dr Swarupanjali Padhi Mukul Nishad Dr Monika Ms Sonia Chauhan, Ms Saumya Mishra	A method for formulation and evaluation of apigenin-loaded microsponge gel for effective angioedema therapy	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published:26. 09.2025
14.	202511079674	Published	Dr Avijit Mazumder, Dr Saumya Das Ms Pooja Dr Anjna Rani Dr Salahuddin Ms Bhavani Pentela	A method for evaluation of polyherbal preparation For screening of urolithiasis and hypertension disease	Noida Institute of Engineering & Technology (Pharmacy Institute)	Filing Date 8.22.2025

15.	202511079666	Published	Ms Shristi Tripathi, Dr Rajnish Kumar, Dr Salahuddin, Dr Avijit Mazumder, Mr Ranjeet Kumar Yadav, Mr Himanshu Singh	A method for the synthesis and antiepileptic Evaluation of piperazine, 1,3,4-oxadiazole, and Quinoline conjugates	Noida Institute of Engineering & Technology (Pharmacy Institute)	Filing Date 8.22.2025
16.	202511078430	Published	Dr Avijit Mazumder, Dr Saumya Das, Dr Anjna Rani, Utpal Anand, Swati Yadav, Dr Salahuddin, Saumya Mishra	Method for evaluating the wound healing potential and antimicrobial activity of callistemon viminalis leaf extracts	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published:26.09.2025
17.	202511078449	Published	Dr Monika, Shiwangi Singh, Dr Swarupanjali Padhi, MsNidhi Sharma, Dr. Saumya Das Dr. Ranjeet Kumar Yadav	A method for formulation and evaluation of nanosponge-based gastroretentive drug delivery	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published:26.09.2025
18.	202511078453	Published	Dr Rupa Mazumder, Ms Sweata Rani , Dr Rakhi Misra , Dr Susma Verma Dr.Rajnish Kumar Mrs . Swati Yadav	An in-silico method for screening bioactives and developing formulations	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published: 26.09.2025

19.	202511078451	Published	Dr Monika, Ms. Khusboo Tewani, Dr Rupa Mazumder Dr. Avjit Mazumder Dr Salahuddin Mrs Saumya Mishra	A method for formulation and evaluation of transdermal patches of camellia sinensis (white tea) extract	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published:26.09. 2025
20.	202511078454	Published	Dr Anjna Rani, Dr Avijit Mazumder, Mr Punit Dr Priyanka Bansal. Sonia Chauhan, Neha Sharma	A method for transcorneal permeation enhancement of moxifloxacin using amino acid conjugates	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published:26.09. 2025
21.	202511078433	Published	Dr Swarupanjali Padhi, Dr Rupa Mazumder, Tanmoy Roy, Dr Chandana Majee, Dr Monika, Swati Yadav	A method for formulation and evaluation of ferulic acid-loaded mixed micelles for treating neurodegenerative disorders	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published:26.09. 2025
22.	202511078432	Published	Dr Monika, Dr Chandana Majee, Disha Gupta, Dr Swarupanjali Padhi, Dr Sushma Verma, Swati Yadav	A method for formulation and evaluation of sulfasalazine-loaded mucoadhesive beads for the treatment of ulcerative colitis	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published:26.09. 2025

23.	202511078452	Published	Dr Avijit Mazumder, Dr Anjna Rani, Bharti Yadav, Ms Bhavani Pentela, Dr Rajnish Kumar Dr. Saumya Das	A method for evaluation of leaves, stems, and roots of <i>Bryophyllum pinnatum</i> for antiulcer potential	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published:26.09.2025
2024						
1.	202311007058	Granted (538870)	Salahuddin Mohammad Shaharyar Kavita Rana Avijit Mazumder Rajnish Kumar Sushma Verma Mohamed Jawed Ahsan Sanjay Kumar Yadav Swati Yadav	Solvent free synthesis of benzimidazole derivatives	Salahuddin Mohammad Sharyar Kavita Rana Avijit Mazumder Rajnish Kumar Sushma Verma Mohamed Jawed Ahsan Sanjay Kumar Yadav Swati Yadav	Published: 10.02.2023 Granted 21.05.2024
2.	202211048376	Granted	Dr. Avijit Mazumder Ms. Pratishttha Bharadwaj. Dr. Saumya Das Dr. Rupa Mazumder Dr. Salahuddin Dr. Rajnish Kumar Dr. Rakhi Mishra Dr. Veena Devi Singh	A poly herbal pharmaceutical topical formulation for wound healing and method for preparation thereof	Dr. Avijit Mazumder Ms. Pratishttha Bharadwaj Dr. Saumya Das Dr. Rupa Mazumder Dr. Salahuddin Dr. Rajnish Kumar Dr. Rakhi Mishra Dr. Veena Devi Singh	Published: 02.09.2022 Granted: 08.10.2024
3.	202011056743	Granted (515677)	Dr. Avijit Mazumder Dr. Anjna Rani Mr. Lalit Kumar Dr. Salahuddin	Anti-anxiety effect on hydroalcoholic leaves extract of hibiscus <i>rosa sinensis</i>	Dr. Avijit Mazumder Dr. Anjna Rani Mr. Lalit Kumar Dr. Salahuddin	Published: 01.01.2021 Grant: 27.02.2024

4.	202021044491	Granted (515332)	Dr. Rupa Mazumder Dr. Swarnali Das Paul	Novel drug delivery system of amfenac sodium	Dr. Rupa Mazumder Dr. Swarnali Das Paul	Published: 13.11.2020 Grant: 26.02.2024
5.	202111037379	Granted (510898)	Dr. Rajnish Kumar Ms. Chanchal Singh Dr. Avijit Mazumder Dr. Rupa Mazumder Dr. Salahuddin Dr. Mohd. Mustaqeem Abdullah Dr. Veena Devi Singh	Anticonvulsant potential of novel pyrazoline derivatives containing benzothiazole moiety	Dr. Rajnish Kumar Ms. Chanchal Singh Dr. Avijit Mazumder Dr. Rupa Mazumder Dr. Salahuddin Dr. Mohd. Mustaqeem Abdullah Dr. Veena Devi Singh	Published: 03.09.2021 Granted: 03.01.2024
6.	202111030395	Granted (493149)	Dr. Salahuddin Mr. Daman Pandey	Anti-bacterial N- containing heterocyclic compound and method of synthesis thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	Published: 24.02.2023 Granted: 02.01.2024
7.	202111000100	Granted (510898)	Dr. Rupa Mazumder Mrs. Swarupanjali Padhi Mr. Ravi Sharma Dr. Pratibha Pandey Dr. Fahad Khan Dr. Swarnali Das Paul Dr. Avijit Mazumder Dr. Rakhi Mishra Dr. Monika Dr. Saumya Das	Colon-targeted drug delivery system of anticancer bioactives	Dr. Rupa Mazumder Mrs. Swarupanjali Padhi Mr. Ravi Sharma Dr. Pratibha Pandey Dr. Fahad Khan Dr. Swarnali Das Paul Dr. Avijit Mazumder Dr. Rakhi Mishra Dr. Monika Dr. Saumya Das	Published: 08.01.2021 Granted: 15.02.2024
8.	Design No.: 387975-001	Granted	Dr. Avijit Mazumder	Four test tube holders	Noida Institute of Engineering and Technology (Pharmacy Institute)	Granted: 29.02.2024

9.	Design No.: 399661-001	Granted	Dr. Sangeeta Bhimrao Dongre Mr. Dhruv Kishor Vishwakarma Dr. Amit Kumar Nigam Dr. Karuna Shanker Shukla Dr. Preety Choudhary Miss. Shalini Singh Mr. Monu Kumar Kashyap Mr. Awadhesh Kumar Mrs. Soumya Tripathi Dr. Ghulam Md Ashraf Dr. Shmmon Ahmad Zafar Khan	AI-based laboratory vacuum evaporator for pharmaceutical use	Dr. Sangeeta Bhimrao Dongre Mr. Dhruv Kishor Vishwakarma Dr. Amit Kumar Nigam Dr. Karuna Shanker Shukla Dr. Preety Choudhary Miss. Shalini Singh Mr. Monu Kumar Kashyap Mr. Awadhesh Kumar Mrs. Soumya Tripathi Dr. Ghulam Md Ashraf Dr. Shmmon Ahmad Zafar Khan	Granted: 05.01.2024
10.	Design No.: 389458-001	Granted	Dr. Avijit Mazumder Dr. Rupa Mazumder Dr. Saumya Das Mr. Vishnu Prabhakar Mr. Anmol Kanda	Laboratory rat cage	Dr. Avijit Mazumder Dr. Rupa Mazumder Dr. Saumya Das Mr. Vishnu Prabhakar Mr. Anmol Kanda	Granted: 18.01.2024
11.	202411008193	Published	Dr. Sushma Verma Ms. Neerja Kumari Dr. Monika Ms. Swati Yadav Ms. Nidhi Sharma Dr. Salahuddin	Method for formulating and evaluating mucoadhesive microspheres for oral controlled release	Noida Institute of Engineering & Technology (Pharmacy Institute)	02.08.2024

12.	202411051536	Published	Dr. Rupa Mazumder Mr. Rajat Badhoria Dr. Rakhi Mishra Dr. Avijit Mazumder	Method for development of in situ gel of natamycin-loaded microsponges for ocular therapy	Noida Institute of Engineering & Technology (Pharmacy Institute)	16.08.2024
13.	202411054172	Published	Dr Rupa Mazumder Mr Kamal Kant Kaushik Dr Swarupanjali Padhi Mr Abhijit Debnath	Green synthesized silver nanoparticles-Loaded itraconazole transdermal patch And method thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	02.08.2024
14.	202411000882	Published	Dr. Rupa Mazumder Dr. Swarupanjali Padhi Mr. Gouran Saini Mrs. Chandana Majee	A composition and method for formation of quetiapine fumarate solid oral dosage	Noida Institute of Engineering & Technology (Pharmacy Institute)	02.02.2024
15.	202411008192	Published	Dr. Sushma Verma Mrs. Sushen Singh Chaudhary Dr. Anjna rani Dr. Salahuddin Dr. Swarupanjali Padhi Dr. Monika	A method for formulation of tenofovir and emtricitabine sustained-release tablet	Noida Institute of Engineering & Technology (Pharmacy Institute)	16.02.2024
16.	202411008193	Published	Dr. Sushma Verma Mr. Rajat Singh Raghav Dr. Anjna rani Dr. Salahuddin Dr. Swarupanjali Padhi Dr. Monika	A transdermal film formulation method for asafoetida delivery	Noida Institute of Engineering & Technology (Pharmacy Institute)	16.02.2024

1.	202111007172	Granted	Dr. Rakhi Mishra Dr. Rupa Mazumder Dr. Avijit Mazumder Mr. Prem Shankar Mishra Dr. Anjna Rani	Synthesis of novel pyridazine derivatives	Dr. Rakhi Mishra Dr. Rupa Mazumder Dr. Avijit Mazumder Mr. Prem Shankar Mishra Dr. Anjna Rani	Published:26.02.2021 Grant:08.10.2023
2.	202111007717	Granted	Dr. Rakhi Mishra Mr. Prem Shankar Mishra Dr. Rupa Mazumder Dr. Avijit Mazumder Dr. Niranjana Kaushik	Nanoemulgel composition with muscle relaxant activity	Dr. Rakhi Mishra Mr. Prem Shankar Mishra Dr. Rupa Mazumder Dr. Avijit Mazumder Dr. Niranjana Kaushik	Published: 26.02.2021 Grant: 25.05.2023
3.	387184-001	Granted	Dr. Avijit Mazumder Mr. Anmol Kanda Mr. Vishnu Prabhakar Dr. Saumya Das Dr. Rupa Mazumder	Multi-component behaviour laboratory model for studying memory impairment in mouse	Dr. Avijit Mazumder Mr. Anmol Kanda Mr. Vishnu Prabhakar Dr. Saumya Das Dr. Rupa Mazumder	04.04.2023
4.	379540-001	Granted	Dr. Rakhi Mishra Dr. Prem Shankar Mishra. Mr. Vinod Kumar Tiwari Mr. Prashant Kumar Dhakad Ms..Preeti Chaudhary	Stem inhaler	Dr. Rakhi Mishra Dr. Prem Shankar Mishra. Mr. Vinod Kumar Tiwari Mr. Prashant Kumar Dhakad Mr.Preeti Chaudhary	19.05.2023
5.	387835-001	Granted	Prof. (Dr.) Rupa Mazumder Prof. (Dr.) Rakhi Mishra Prof. (Dr.) Avijit Mazumder Mrs. Chandana Majee Mr. Abhijit Debnath	Wall-mounted spray syste for cooling and watering indoor plants	Prof. (Dr.) Rupa Mazumder Prof. (Dr.) Rakhi Mishra Prof. (Dr.) Avijit Mazumder Mrs. Chandana Majee Mr. Abhijit Debnath	07.06.2023

6.	388511-001	Granted	Prof. (Dr.) Bhupendra Kumar Kumawat Mr. Gaurav Goyal Mr. Shailendra Saini Dr. Pathuri Raghuveer Dr. Monika Dr. A. Sumathi Ms. Aafreen Dr Vinod Kumar Mr. Aniket Shamrao Patil Dr. Gaurav Tiwari	Basket dissolution apparatus for controlled release tablet	Prof. (Dr.) Bhupendra Kumar Kumawat Mr. Gaurav Goyal Mr. Shailendra Saini Dr. Pathuri Raghuveer Dr. Monika Dr. A. Sumathi Ms.Aafreen Dr Vinod Kumar Mr. Aniket Shamrao Patil Dr. Gaurav Tiwari	07.07.2023
7.	6288559	Granted	Dr. Ajay Gaur Dr. Anuj Ahuja Prof. (Dr.) Vijay Sing Dr. Ceema Mathow Dr. Anjana Rani	Gas chromatography-mass spectrometer apparatus	Dr. Ajay Gaur Dr. Anuj Ahuja Prof. (Dr.) Vijay Sing Dr. Ceema Mathow Dr. Anjana Rani	17.6.2023
8.	202311075063	Published	Dr Avijit Mazumder Ms. Bhavani Pentela Mr. Shilajit Das Dr Anjna Rani Dr. Rakhi Mishra Dr. Rupa Mazumder	Composition of a polyherbal tablet having anti-depressant and anxiolytic effects and method of preparation thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	24.11.2023
9.	202311075066	Published	Dr. Avijit Mazumder Ms. Bhavani Pentela Mr. Shilajit Das Dr. Anjna Rani Dr. Rakhi Mishra Dr. Rupa Mazumder	Composition of a polyherbal tablet having an anti-convulsant effect and method of preparation thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	24.11.2023

10.	202311075065	Published	Dr.Avijit Mazumder Dr.Saumya Das Dr.Rupa Mazumder Dr. Manas Kumar Das Ms Anamika Gautam Dr. Rakhi Mishra	Caryota urens and <i>Hyophorbe lagenicaulis</i> as nutraceutical in cisplatin and gentamycin induced nephrotoxicity	Noida Institute of Engineering & Technology (Pharmacy Institute)	24.11.2023
11.	202311075064	Published	Dr. Avijit Mazumder Dr. Saumya Das Mr. Vishnu Prabhakar Dr. Rupa Mazumder Dr. Anjna Rani	Composition of a sustained release matrix tablet having an anti- hypertensive effect and a method thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	24.11.2023
12.	202311067191	Published	Dr. Rakhi Mishra Dr. Avijit Mazumder Dr. Rupa Mazumder Mrs. Ayushi Singh Mr. Arun	Composition of a potential wound healing ointment and method of preparation thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	08.09.2023
13.	202311053639	Published	Dr. Avijit Mazumder Dr. Saumya Das Dr. Anjna Rani Dr. Rupa Mazumder Ms. Reshu	Novel mentha arvensis-based phytosomes for the prevention and management of diabetic nephropathy	Noida Institute of Engineering & Technology (Pharmacy Institute)	08.09.2023
14.	202311062360	Published	Dr. Saumya Das Ms. Madhavi Ms. Kavita Rana Ms. Neha Sharma Dr. Swarupanjali Padhi Ms. Sonia Chauhan	Composition of a controlled- releaseherbal matrix tablet for antischizophrenic activity and method	Noida Institute of Engineering &Technology (Pharmacy Institute)	13.10.2023

15.	202311062359	Published	Dr. Avijit Mazumder Mr. Arbaz Khan Dr. Anjna Rani Dr. Rupa Mazumder	Controlled release tablet with <i>populus deltoides</i> leaves extract for antianxiety and antidepressant e	Noida Institute of Engineering & Technology (Pharmacy Institute)	13.10.2023
16.	202311074870	Published	Dr. Kumud Saxena Neeti Taneja Dr. Pankaj Tyagi Dr. Salahuddin	Cognitive performance improvement device	Noida Institute of Engineering & Technology	01.12.2023
17.	202311062358	Published	Dr. Avijit Mazumder Ms. Richa Shakya Mr. Manish Khuswaha Dr. Anjna Rani Dr. Rupa Mazumder	Controlled release tablet formulation of <i>jasminum auriculatum vahl.</i> Leaf extract for hyperglycemia-induced diabetic nephropathy	Noida Institute of Engineering & Technology (Pharmacy Institute)	13.10.2023
18.	202311062357	Published	Dr. Avijit Mazumder Dr. Saumya Das Mr. Anchit Dogra Dr. Rupa Mazumder Ms. Bhavani Pentela Dr. Sanjay Yadav	Composition of lactoferrin-loaded nanoemul gel for anti-arthritis activity and method of preparation	Noida Institute of Engineering & Technology (Pharmacy Institute)	13.10.2023
19.	202311062356	Published	Ms. Deepika Pathak Dr. Monika Mrs. Chandana Majee	Composition of a herbal syrup having anti-urolithiatic and diuretic potentiality and method of preparation thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	13.10.2023

20.	202311062355	Published	Dr. Avijit Mazumder Mr. Gajendra Dr. Anjna Rani Dr. Rajnish Kumar	Composition of a polyherbal tablet having hepatoprotective effect and method of preparation thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	13.10.2023
21.	202311054464	Published	Dr. Avijit Mazumder Dr. Anjna Rani Dr. Rupa Mazumder Mr. Jatin Saini Dr. Rakhi Mishra	Controlled-release matrix tablet with plumeria rubra leaves extract for immunomodulatory and anti-asthmatic activity	Noida Institute of Engineering & Technology (Pharmacy Institute)	08.09.2023
22.	202311051317	Published	Mrs. Chandana Majee Dr. Swarupanjali Padhi Dr. Rupa Mazumder Dr. Avijit Mazumder Mr. Aman Dahiya	Microsphere formulation and preparational method for improving the bioavailability of morin's derivative from <i>Psidium Guajava</i>	Noida Institute of Engineering & Technology (Pharmacy Institute)	01.09.2023
23.	202311049974	Published	Dr. Rakhi Mishra Dr. Avijit Mazumder Mrs. Shruti Varshney Ms. Varsha Jindaniya	Design and synthesis of a potent hydrazine carbothioamide: 2-benzylidene-n-(4-nitrophenyl) hydrazine	Noida Institute of Engineering & Technology (Pharmacy Institute)	25.08.2023

24.	202311049976	Published	Dr. Rakhi Mishra Dr. Rupa Mazumder Dr. Avijit Mazumder Mrs. Shruti Varshney Ms. Varsha Jindaniya	Composition of a non-invasive transdermal film having muscle relaxation properties and method of preparation thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	25.08.2023
25.	202311046542	Published	Dr. Avijit Mazumder Dr. Saumya Das Mr. Ayush Atri Dr. Anjna Rani Dr. Rupa Mazumder	Controlled-release herbal tablet with <i>Miliusa velutina</i> extract for hepatoprotection and enhanced platelet count	Noida Institute of Engineering & Technology (Pharmacy Institute)	04.08.2023
26.	202311039465	Published	Dr. Avijit Mazumder Dr. Saumya Das Anamika	A herbal ointment for the treatment of psoriasis and inflammation	Noida Institute of Engineering & Technology (Pharmacy Institute)	07.07.2023
27.	202311039551	Published	Dr. Avijit Mazumder Dr. Saumya Das Dr. Rupa Mazumder	<i>Lagersrtoemia indica</i> extract-based hydrogel for wound healing	Noida Institute of Engineering & Technology (Pharmacy Institute)	07.07.2023
28.	202311041271	Published	Dr. Monika Dr. Avijit Mazumder Dr. Rupa Mazumder Ms.Shivangi	A nanosponges Based gastoretentive drug delivery system	Noida Institute of Engineering & Technology (Pharmacy Institute)	21.07.2023
29.	202311041804	Published	Dr. Sushma Verma Mr. Gourav Sharma Dr..Rupa Mazumder Dr. Avijit Mazumder	Liposomal gel formulation for psoriasis treatment	Noida Institute of Engineering & Technology (Pharmacy Institute)	29.09.2023

30.	202311048318	Published	Dr Rupa Mazumder Ms. Manorma Singh Dr. Anjna Rani Dr. Avijit Mazumder	Eye drop composition for treating diabetic cataract and method of preparation thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	11.08.2023
31.	202311041839	Published	Dr. Rupa Mazumder Dr. Rakhi Mishra Mrs. Monisha Patel Dr. Avijit Mazumder	Nasal drop composition for treating pulmonary fungal infection and method of preparation thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	29.09.2023
32.	202311057482	Published	Dr. Saumya Das Ms. Aishwaray Dr. Anjna Rani	Hydrogel formulation utilizing <i>Amorphophallus Paeoniifolius</i> and <i>Colocasia esculenta</i> for advanced wound healing	Noida Institute of Engineering & Technology (Pharmacy Institute)	29.08.2023
33.	202311067159	Published	Dr. Saumya Das Ms. Soni Singh Dr. Swarupanjali Padhi Mrs. Chandana Majee	Composition of a herbal syrup for the treatment of gastrointestinal disorders and hemorrhoid	Noida Institute of Engineering & Technology (Pharmacy Institute)	27.10.2023
34.	202311058371	Published	Dr. Saumya Das Ms. Shobhini Chandel Dr. Rupa Mazumder Ms. Chandana Majee	Formulation of a hydrogel of <i>Euphorbia hirta</i> and preparation method thereof	Noida Institute of Engineering & Technology (Pharmacy Institute)	29.09.2023

35.	202341052694	Published	Dr. Ampati Srinivas Mr Gennepally Sahithi Reddy Ms Banda Mahesh Ms. Mayuri Diliprao Gawande Ms. Richa Shakya Ms. Sonia Chauhan Mrs. Sakshi Sharma Dr. Basavaraj Mrutyunjay Dinnimath Dr. Rakesh Kumar Gupta Dr.Amandeep Singh Dr. Vikesh Kumar Shukla	Bioanalytical method development and validation of antidiabetic drug by using high-performance liquid chromatography (HPLC)	Dr. Ampati Srinivas Mr Gennepally Sahithi Reddy Ms Banda Mahesh Ms. Mayuri Diliprao Gawande Ms. Richa Shakya Ms. Sonia Chauhan Mrs. Sakshi Sharma Dr. Basavaraj Mrutyunjay Dinnimath Dr. Rakesh Kumar Gupta Dr.Amandeep Singh Dr. Vikesh Kumar Shukla	01.09.2023
36.	202311022913	Published	Mr. Nitin Kumar Ms. Priya Pandey Ms. Priyanka Uniyal Ms. Kavita Rana Ms. Ankita Tripathi Ms. Swati Srivastava Ms. Gayatri Khosla Mr. Deepak Kumar Kushawah Mr. Nitin Kumar Ms. Garima Raaj Mr. Ranjeet Kumar Bhargav Mr. Deepak Garg	Standardization and in vitro antimicrobial properties of <i>Artemisia roxburghiana</i>	Mr. Nitin Kumar Ms. Priya Pandey Ms. Priyanka Uniyal Ms. Kavita Rana Ms. Ankita Tripathi Ms. Swati Srivastava Ms. Gayatri Khosla Mr. Deepak Kumar Kushawah Mr. Nitin Kumar Ms. Garima Raaj Mr. Ranjeet Kumar Bhargav Mr. Deepak Garg	19.05.2023
37.	202311000221	Published	Dr. Saumya Das Ms. Komal Singh Dr. Guno Sindhu Chakraborty Ms. Richa Shakya Dr. Veena Devi Singh Mr. Ayush Atri Ms. Anamika Gautam	A nano complex composition comprising piperine and β -asarone for Alzheimer's disease and epilepsy	Dr. Saumya Das Ms. Komal Singh Dr. Guno Sindhu Chakraborty Ms. Richa Shakya Dr. Veena Devi Singh Mr. Ayush Atri Ms. Anamika Gautam	13.01.2023

38.	202311038964	Published	Dr. Rupa Mazumder Dr. Swarupanjali Padhi Dr. Avijit Mazumder Dr. Rakhi Mishra Dr. Anjna Rani Mr. Abhijit Debnath Ms. Ayushi Kaushik	Improved enzymosomes of lysozyme for ocular drug delivery	Dr. Rupa Mazumder Dr. Swarupanjali Padhi Dr. Avijit Mazumder Dr. Rakhi Mishra Dr. Anjna Rani Mr. Abhijit Debnath Ms. Ayushi Kaushik	07.07.2023
39.	202311003020	Published	Prof (Dr.) Umesh Kumar Prof (Dr.) Arjun Singh Mrs. Soumya Tripathi Mrs. Anamika Singh Mr. Chandan Kumar Singh	Nanotechnology approach to the effect of topical creams for treating blood cancer	Prof (Dr.) Umesh Kumar Prof (Dr.) Arjun Singh Mrs. Soumya Tripathi Mrs. Anamika Singh Mr. Chandan Kumar Singh	20.01.2023
40.	202311036101	Published	Miss. Shalu Baghel. Prof. (Dr.) Satish Kumar Sharma Mr. Deepak Kumar Dr Pavan Kumar Gautam Mr. Gyan Singh Mr. Ravi Rajput Mr. Sunil Kumar Mrs. Soumya Tripathi Mrs. Akansha Miss. Reena Singh	Solvency based method for improving the solubility of rifabutin	Miss. Shalu Baghel. Prof. (Dr.) Satish Kumar Sharma Mr. Deepak Kumar Dr Pavan Kumar Gautam Mr. Gyan Singh Mr. Ravi Rajput Mr. Sunil Kumar Mrs. Soumya Tripathi Mrs. Akansha Miss. Reena Singh	30.06.2023
41.	202311051261	Published	Dr. Monika Mr. Gaurav Yadav Ms. Neha Sharma Ms. Shalini Sharma Mr. Shubham Singh Mr. Rohit Sharma Ms. Disha Gupta Mr. Bobby Tyagi	Formulation of effervescent granules comprising natural detoxifying agent into gastroretentive oral dosage form	Dr. Monika Mr. Gaurav Yadav Ms. Neha Sharma Ms. Shalini Sharma Mr. Shubham Singh Mr. Rohit Sharma Ms. Disha Gupta Mr. Bobby Tyagi	06.10.2023

1.	201911040868	Granted	Dr. Rupa Mazumder	Glycosomes of natamycin for treatment of ophthalmic fungal keratitis	Dr. Rupa Mazumder	Published:25.10.2019 Grant:27.07.2022
2.	2022/06191	Granted	Dr. Soumya das Dr. Manas Kumar Das Ms. Nasra Shafiq Ms. Garima	A method for preparation and evaluation bioactive lupeol for managing function gastrointestinal disorders	Dr. Soumya das Dr. Manas Kumar Das Ms. Nasra Shafiq Ms. Garima	Granted: 31.08.2022
3.	202200715	Granted	Dr. Rishabha Malviya Dr. Sonali Sundarm Dr. Pream Shankar Mishra Dr. Rakhi Mishra Dr. Neeraj Kumar Fuloria Dr. Shivkanya Fuloria	A formulation and a method to develop transdermal film for the delivery model protein drug through non invasive route	Dr. Rishabha Malviya Dr. Sonali Sundarm Dr. Pream Shankar Mishra Dr. Rakhi Mishra Dr. Neeraj Kumar Dr. Shivkanya Fuloria	Granted:29.06.2022
4.	2021104761	Granted	Dr. Avijit Mazumder Dr. Saumya Das Dr. Rupa Mazumder Dr. Rakhi Mishra	Development of herbal drug combating synthetic drug induced nephrotoxicity	Dr. Avijit Mazumder Dr. Saumya Das Dr. Rupa Mazumder Dr. Rakhi Mishra	06.08.2022

5.	202211063280	Published	Mr. Nitin Kumar Ms. Priya Pandey Ms. Priyanka Uniyal Ms. Kavita Rana Ms. Ankita Tripathi Ms. Swati Srivastava Ms. Gayatri Khosla Mr. Deepak Kumar Kushawah Mr. Nitin Kumar Ms. Garima Raaj Mr. Ranjeet Kumar Bhargav Mr. Deepak Garg	Antibacterial compound (2-(2, 4- dichlorophenyl)- 3-(5-pyridin-3-yl -[1, 3, 4]- thiadiazol-2-yl)- thiazolidin-4-one) and its method of synthesis	Mr. Nitin Kumar Ms. Priya Pandey Ms. Priyanka Uniyal Ms. Kavita Rana Ms. Ankita Tripathi Ms. Swati Srivastava Ms. Gayatri Khosla Mr. Deepak Kumar Kushawah Mr. Nitin Kumar Ms. Garima Raaj Mr. Ranjeet Kumar Bhargav Mr. Deepak Garg	02.09.2022
7.	202211036415	Published	Dr. Avijit Mazumder Dr. Veena Devi Singh Mr. Shivam Kumar Yadav Dr. Rupa Mazumder Dr. Rakhi Mishra Dr. Rajnish Kumar Dr. Anjna Rani Dr. Vijay Kumar Singh	Polyherbal emulgel formulation acting against psoriasis and method for preparation thereof	Dr. Avijit Mazumder Dr. Veena Devi Singh Mr. Shivam Kumar Yadav Dr. Rupa Mazumder Dr. Rakhi Mishra Dr. Rajnish Kumar Dr. Anjna Rani Dr. Vijay Kumar Singh	08.07.2022

8.	202211048376	Published	Dr. Avijit Mazumder Ms. Pratishttha Bharadwaj. Dr. Saumya Das Dr. Rupa Mazumder Dr. Salahuddin Dr. Rajnish Kumar Dr. Rakhi Mishra Dr. Veena Devi Singh	A poly herbal pharmaceutical topical formulation for wound healing and method for preparation thereof	Dr. Avijit Mazumder Ms. Pratishttha Bharadwaj Dr. Saumya Das Dr. Rupa Mazumder Dr. Salahuddin Dr. Rajnish Kumar Dr. Rakhi Mishra Dr. Veena Devi Singh	02.09.2022
9.	202211073753	Published	Mr. Nitin Kumar Dr. Ravi Kumar Mittal Dr. Sameer Rastogi Munish Pal Dr. Md. Iftekar Ahmad Mr. Tarun Chaudhary Ms. Neha Sharma Mr. Sonu Sharma Ms. Shilpa Mamgain Mr. Dharmender Singh Mr. Avinash Bajpai Ms. Ankita Pant	Method of synthesis of substituted n-acyl anthranilamide as potential hmg-coa reductase inhibitors	Mr. Nitin Kumar Dr. Ravi Kumar Mittal Dr. Sameer Rastogi Munish Pal Dr. Md. Iftekar Ahmad Mr. Tarun Chaudhary Ms. Neha Sharma Mr. Sonu Sharma Ms. Shilpa Mamgain Mr. Dharmender Singh Mr. Avinash Bajpai Ms. Ankita Pant	30.12.2022
1.	2021/20550	Granted	Dr. Rishabha Malviya Dr. Prem Shankar Mishra Dr. Rakhi Mishra	An air cooling device with smart antimicrobial feature	Dr. Rishabha Malviya Dr. Prem Shankar Mishra Dr. Rakhi Mishra	25.08.2021

2.	202111007717	Published	Dr. Rakhi Mishra Mr. Prem Shankar Mishra Dr. Rupa Mazumder Dr. Avijit Mazumder Dr. Niranjan Kaushi	Nanoemulgel composition with muscle relaxant activity	Dr. Rakhi Mishra Mr. Prem Shankar Mishra Dr. Avijit Mazumder Dr. Saumya Das Dr. Rupa Mazumder Dr. Rakhi Mishra	26.02.2021
3.	202111037379	Published	Dr. Rajnish Kumar Ms. Chanchal Singh Dr. Avijit Mazumder Dr. Rupa Mazumder Dr. Salahuddin Dr. Mohd. Mustaqeem Abdullah Dr. Veena Devi Singh	Anticonvulsant potential of novel pyrazoline derivatives containing benzothiazole moiety	Dr. Rajnish Kumar Ms. Chanchal Singh Dr. Avijit Mazumder Dr. Rupa Mazumder Dr. Salahuddin Dr. Mohd. Mustaqeem Abdullah Dr. Veena Devi Singh	03.09.2021
4.	202111041524	Published	Ms. Chandana Majee Dr. Rupa Mazumder Dr. Alka N. Choudhary Dr. Arun Kumar	Wound healing potentiality of <i>Lagerstroemia</i> <i>speciosa</i> (L.) Pers ointment in excision and incision rat wound model	Ms. Chandana Majee Dr. Rupa Mazumder Dr. Alka N. Choudhary Dr. Arun Kumar	01.10.2021
5.	202111028490	Published	Dr. Avijit Mazumder Dr. Saumya Das Dr. Rupa Mazumder Mr. Ankit Sharma Ms. Anamika Sharma Dr. Manas Kumar Das	Rhododendron arboreum and Spilanthes acmella as a potential diuretic for the treatment of hypertension	Dr. Avijit Mazumder Dr. Saumya Das Dr. Rupa Mazumder Mr. Ankit Sharma Ms. Anamika Sharma Dr. Manas Kumar Das	16.07.2021
6.	202111007172	Published	Dr. Rakhi Mishra Dr. Rupa Mazumder Dr. Avijit Mazumder Mr. Prem Shankar Mishra Dr. Anjna Rani	Synthesis of novel pyridazine derivatives	Dr. Rakhi Mishra Dr. Rupa Mazumder Dr. Avijit Mazumder Mr. Prem Shankar Mishra Dr. Anjna Rani	26.02.2021

7.	202011051830	Published	Dr. Sanjita Das Mr. Uttam Singh Mr. Aniruddh Pratap Singh Ms. Nishu Gautam	Nanoemulgel composition with muscle relaxant activity	Dr. Sanjita Das Mr. Uttam Singh Mr. Aniruddh Pratap Singh Ms. Nishu Gautam	01.01.2021
8.	202011056743	Published	Dr. Avijit Mazumder Dr. Anjna Rani Mr. Lalit Kumar Dr. Salahuddin Dr. G.S Chakraborty	Anti-anxiety effect on hydroalcoholic leaves extract of hibiscus rosa sinensis	Dr. Avijit Mazumder Dr. Anjna Rani Mr. Lalit Kumar Dr. Salahuddin Dr. G.S Chakraborty	01.01.2021
9.	201911053658	Published	Dr. Avijit Mazumder	Herbal antioxidant formulation for diabetic wounds and method of preparation thereof	Noida Instit2ute of Engineering & Technology (Pharmacy Institute)	25.06.2021
10.	202011051830	Published	Dr. Sanjita Das Mr. Uttam Singh Mr. Aniruddh Pratap Singh, Ms. Nishu Gautam	Nanoemulgel composition with muscle relaxant activity	Dr. Sanjita Das Mr. Uttam Singh Mr. Aniruddh Pratap Singh, Ms. Nishu Gautam	01.01.2021
11	202011056743	Published	Dr. Avijit Mazumder Dr. Anjna Rani Mrs. Lalit Kumar Dr. Salahuddin Dr. G.S Chakraborty	Anti-anxiety effect on hydroalcoholic leaves extract of hibiscus rosa sinensis	Dr. Avijit Mazumder Dr. Anjna Rani Mrs. Lalit Kumar Dr. Salahuddin Dr. G.S Chakraborty	01.01.2021
2020						
1.	202021044491	Published	Dr. Rupa Mazumder Dr. Swarnali Das Paul	Novel drug delivery system of amfenac sodium	Dr. Rupa Mazumder Dr. Swarnali Das Paul	13.11.2020