

List of Patent 2021-2025

Sl. No.	Patent ID	Patent Title	Applicant/ Inventor Name	Technology Area	Patent Office	Filing Date	Grant Date (If Applicable)	Status (Filed/ Granted)
1	2021105614	A SINGLE POINT WEARABLE DEVICE FOR ISOLATION OF THE PATIENTS HAVING INFECTIOUS DISEASES INCLUDING COVID-19	Swarnava Biswas, Moumita Mukherjee, Samir Dey, Niladri Maiti, Dibyendu Kumar Pal, Soumen Prakash Kabi, Debajit Sarma, Avijit Bhowmick, Umakant Mandawkar, Naved Alam	Health Science	Australia Patent	16/08/2021	11-10-2021	Granted
2	2021105728	ARTIFICIAL INTELLIGENCE BASED SMART CHARGER FOR ELECTRIC VEHICLE	Abhishek Dhar, Saurabh Adhikari, Aritras Chakraborty, Sourav Saha, Swarnava Biswas	Health Science	Australia Patent	18/08/2021	24/11/2021	Granted
3	20221 1034062	ANTIOBESITY ACTIVITY OF EXTRACT OF CURCULIGO ORCHIOIDES GAERTN ROOT IN PROGESTERONE INDUCED OBESITY IN RATS	Mrs. Richa Tiwari, Dr. Amit Kumar Verma, Dr. Arvind Kumar Srivastava, Mrs. Neelima Tripathi, Dr. Arghya Kusum Dhar, Mrs. Neelima Tripathi, Mrs. Preeti Mishra, Mr. Amit Kumar, Dr. Apoorva Behari Lal	Pharmacy	India Patent	07/01/2022	14/06/2022	Published
4	202241 050708	ARTIFICIAL INTELLIGENCE-BASED DRUG DISCOVERY TECHNIQUE TO ANALYSE THE IMPACT OF EXISTING DRUGS FOR BONE MARROW DISEASE AND PAVING WAY FOR NEW EFFICACIOUS DRUGS	Dr. T. S. Sasikala, Sneha Arjun Khaire, Somsubhra Ghosh, Mrs. Rita Chanana, Ms. Shradha Devi Dwivedi, Mrs. Manjusha Jharaniya, Shmmon Ahmad, Dr. K. Manoharan, Zafar Khan, Mrs. K. Sumalatha, Mrs.C.Nagamani, Dr.Amaresh Chandra Sahoo	Pharmacy	India Patent	09/06/2022	16/09/2022	Published

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5	202241057762 A	SIMPLE UV SPECTROPHOTOMETRIC DETERMINATION OF ROSUVASTATIN CALCIUM IN PURE FORM AND IN PHARMACEUTICAL FORMULATION	Dr. M. Alagarraja, Mr. Somsubhra Ghosh, Mr. Abinash Kumar sahu, Mr. Rohan Pal, Mr. Pragati Ranjan Satpathy, Mr. Rajarshi Nath, Mr. Satyabrata Jena, Mr. Shambo Panda, Dr. Prithwiraj Mohapatra Dr. KantlamChamakuri	Pharmacy	India Patent	10/10/2022	14/10/2022	Published
6	202141058980 A	MUCOADHESIVE DOSAGE FORM FOR GASTRORETENTIVE DRUG DELIVERY	Beda Durga Prasad, Sateesh Kumar Vemula, Dr Rama Narsimha Reddy Anreddy, Prof.Dr.L.V. Vigneshwaran, Dr. Premkumar, Kalpanadevi .M, Dr. Nampally Karnakar, Kunisetti Nagendra Babu, Dr. Narahari Narayan Palei, Dr. Bibhash Chandra Mohanta	Pharmacy	India Patent	17/12/2021	02/04/2022	Published
7	202131058991 A	METHOD FOR SIMULTANEOUS ESTIMATION OF CIPROFLOXACIN AND FLUOCINOLONE BYREVERSE PHASE HPLC	Dr. Uttam Prasad Panigrahy, Bhookya Raju, Dr T Venkatachalam, Mr. Tarun Chaudhary, Tayyaba Mahtab, Dr. Sridhar Babu Gummadi, Dr. Narahari Narayan Palei, Dr Rama Narsimha Reddy Anreddy, Dr.J.Amutha Iswarya Devi, Battini Srikanth	Pharmacy	India Patent	17/12/2021	21/01/2022	Published
8	2022241062745 A	ETHANOLIC EXTRACT OF ARGYREIA NERVOSA WITH ANTICONSULTANT AND ANXIOLYTIC ACTIVITY	Peta Sudhakar, Shanaz Banu, A V Badri Nath, Dr. Uttam Prasad Panigrahy, M. Shyamala, Swarupa Arvapalli, Dr. C. Madhusudhana Chetty, Akash Marathakam, Vakkalagadda Ravi Kumar	Pharmacy	India Patent	11/03/2022	18/11/2022	Published
9	202231060939 A	PHARMACEUTICAL NANOTECHNOLOGY FOR INTRAVENOUS ADMINISTRATION	Dr. Nihar Ranjan Kar, Ms. Addanki Anusha, Dr. S. A. Sreenivas, Ms. Neela Swapna, Mr. Parag Ghosh, Mr. Pitchika Subrahmanyam, Mrs. B. Lakshmi Satya, Dr. C. Soujanya Dr. Anand Raj, Mr. Yagnambhatla Rajendra	Pharmacy	India Patent	11/04/2022	26/10/2022	Published

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10	2021104487	AN AI BASED SCREENING METHOD FOR A DETECTION AND AUTOMATED ISOLATION OF A COVID-19 POSITIVE 12PATIENT	Moumita Mukherjee, Debajit Sen, Swarnava Biswas, Moumita Dey,Dinesh Bhatia, Pranjal Phukan	Health Science	Australia Patent	23/07/2021	13/04/2022	Granted
11	202341029322 A	A SY13STEM FOR OPTIMI14ZING DRUG ABSORPTION BY CANCEROUS CELLS USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. Darshanam Vijaykumar, Dr. Sachinkumar Dnyaneshwar Gunjal, Mr. Darla Raju, Dr. Joan Dsouza, Dr. Hara Prasad Mishra, Dr. Pratap Kumar Patra, Dr. Chinmaya Mahapatra, Dr. Sandhya Jaiswal, Ms. Anmol Dhawande, Mr. Satyabrata Jena	Pharmacy	India	23/04/2023	05/05/2023	Published
12	202311 061710	ARTIFICIAL INTELLIGENCE BASED RENEWABLE ENERGYMANAGEMENT IN SMART GRIDS BY USING BIG DATA ANALYTICSAND MACHINE LEARNING ALGORITHMS	Sanjay Kumar, Sanjeev Kumar Ojha, Bhumika Gahlot, Dr. Rohini T V, Prof (Dr.) Subhrendu Guha Neogi, K. Meenendranath Reddy, Dr M Kathirvelu, Chalamalasetty Sarvani, Dr. Senthil P, Dr. Santosh Kumar Singh	Computer Science & Engineering	India Patent	13/09/2023	24/11/2023	Published
13	202311 064995	AI BASED SAFE HEALTHCARE SYSTEM FOR FERTILITY PRESERVATION FOR YOUNG WOMAN WITH BREAST CANCER USING CLOUD AND MACHINE LEARNING ALOGORITHMS	Dr.Punit Kumar Singh, Dr. Ashish, Dr. Salman Akhtar, Duggi Nagabhushanam, N.Ashalatha, MD Ashif Raja, Dr. N.B. Mahesh Kumar, Prof (Dr.) Subhrendu Guha Neogi, Dr Seema Yadav, Ms.Saranya.D	Computer Science & Engineering	India Patent	27/09/2023	13/10/2023	Published
14	“202341062447”	ARTIFICIAL INTELLIGENCE BASED SMART DETECTION SYSTEM	M.Nithya, Shiny.A, Dr.N.Kalaivani, Mr. Krishna Kishore Thota, Dr. V Muthulakshmi, Darshan Jayeshbhai Mehta, Dr. D. Karthikeswaran, Aruna	Computer Science & Engineering	India Patent	10/06/2023	16/09/2023	Published

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		FOR RAINFALL PREDICTION TIME-SERIES FORECASTING AND MODERN MACHINE 18LEARNING ALGORITHMS	P, Rupa M, Prof (Dr.) Subhrendu Guha Neogi					
15	202331036722 A	A NOVEL PHARMACEUTICAL COMPOSITION FOR TREATMENT OF AUTOIMMUNE DISEASE AND PREPARATION METHOD THEREOF	Dr. Rajesh E Jesudasan, Dr. Chinmay Mahapatra, Dr. Subhas Chandra Dinda, Dr. Hara Prasad Mishra, Mr. Dilip Kumar Reddy Kandula, Dr. Sankhadip Bose, Mr Satyabrata Jena, Ms. Kipa Amang, Ms rekha Rani, Dr. Shiva Murthy Nanjundappa	Pharmacy	India Patent	06/02/2023	27/05/2023	Published
16	202341029322 A	A SYSTEM FOR OPTIMIZING DRUG ABSORPTION BY CANCEROUS CELLS USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. DarshanamVijaykumar, Dr. Sachinkumar Dnyaneshwar Gunjal, Mr. Darla Raju, Dr. Joan Dsouza, Dr. Hara Prasad Mishra, Dr. Pratap Kumar Patra, Dr. Chinmaya Mahapatra, Dr. Sandhya Jaiswal, Ms. Anmol Dhawande, Mr. Satyabrata Jena	Pharmacy	India Patent	23/04/2023	05/05/2023	Published
17	6279508	EXTENSIVE DEVICE TO ANALYZE AND DESIGN TO FORMULATE HERBAL DRUGS	Dr. Muppaneni Srikanth, Dr. Chinmaya Mahapatra, Mr. Bikash Ranjan Jena, Dr. Priyanka Debta , Chatlapelli Kishore , Deepak Shrivastava, Pragati Baghel, Satyabrata Jena	Pharmacy	UK Patent	30/04/2023	05/11/2023	Granted
18	202341032341 A	A NANOPARTICLE-BASED DRUG DELIVERY SYSTEM FOR TARGETED TREATMENT OF CANCER	R. Devi, Sanchinkumar Dnyaneshwar Gunjal, Lubhan Singh, Rupesh Kumar Panday, Raja RajeswariKemiseti, Chinmaya Mahapatra, Rajeswar Das, Darla Raju, Pankaj Kumar, Satyabrata Jena	Pharmacy	India Patent	05/08/2023	18/08/2023	Published
19	6288630	IOT DEVICE FOR BREAST CANCER DETECTION	Dr. Chinmaya Mahapatra, Dr. Subas Chandra Dinda, Dr. Hara Prasad Mishra, Ms. Smruti Sikta Mishra, Mr.	Pharmacy	UK Patent	17/06/2023	06/08/2023	Granted

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			Abhra Das, Dr. Lubhan Singh, Mr. Om Prakash Panda, Mr. Sanatan Nayak					
20	397240-001	ROTAROD APPARATUS FOR MONITORING MUSCLE RELAXANT ACTIVITY IN MICE	Mr. PranshulSethi ,Dr. Pratap Kumar Patra, Dr. Avijit Choudhury, Dr. Nitin Motiram Gawai, Dr. Rana Datta, Dr. Rajesh J. Mandade, Dr. ManabendraDhua, Dr.Aniruddha Mukherjee	Pharmacy	India Patent	10/10/2023	14/12/2023	Published
21	6329541	GAS CHROMATOGRAPHY- MASS SPECTROMETER FOR QUALITATIVE ANALYSIS OF CHEMICAL COMPOUNDS	Dr. Manisha Masih Singh, Dr. Neelam Pawar, Mr. Sandeep Solanki, Miss. Komalatha Nakkala, Dr. Awdhut Dnyaneshwar Pimpale, Dr. Ashwani Arya, Miss. Pooja Dubey, Mr. Pampayya Thanthati, Dr. Sarakula Prasanthi, Miss. Pallavi Dattatray Namdas, Mr. Parag Ghosh, Mr. Radheshyam Samanta	Pharmacy	UK Patent	29/11/2023	13/12/2023	Granted
22	392427-001	SMOKE CHAMBER TO INDUCE EMPHYSEMA IN MICE	Dr. Sandipan Dasgupta; Dr. Sanjay Dey; Pinky Acharjee; Dr. Somsubhra Ghosh; Dr. Mukesh Kumar Das; Dr. Sourav Ghosh	Pharmacy	India Patent	10/08/2023	08/10/2023	Published
23	202331042894A	METHOD FOR DETECTING AND PREVENTING ADVERSE DRUG REACTIONS THROUGH PHARMACOGENOMICS TESTING	1. Gnyana Ranjan Parida, 2. Dr. A. Srinivasa Rao, 3. Amer Ahmed Syed, MD, 4. Dr. Anjan Kumar 5. Dr. Shiva Murthy Nanjundappa, 6. Mrs. Kalpana Purohit, 7. Dr. Ahmed Hegazy, 8. Mrs. Himani Prajapati, 9. Mr. Deepak Shrivastava, 10. Adusumilli Pramod Kumar, 11. Mr. Amitder Nath Chatterjee, 12. Dr. Chinmaya Mahapatra	Pharmacy	India Patent	27/06/2023	30/06/2023	Published
24	6289203	PHARMACOGENOMICS TESTING KIT	Dr. Chinmaya Mahapatra, Dr. Prasanna Kumar Dixit, Prof. Dr. Mulavagili Vijayasimha, Dr. Rozafa Koliqi, Dr. Kanchana Narsingrao Dussa, Ms. Sita Kumari, Mr. Saroj Kumar Sethi, Ms. Jangyaseni Parida	Pharmacy	UK Patent	20/06/2023	06/12/2023	Granted

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25	202331 044158	AN ANTIMICROBIAL COMPOSITION AND METHOD THEREOF	Dr. Prosun Tribedi, Dr. Manish, Ms. Sudipta Chatterjee, Dr. Anirban Das Gupta, Dr. RanojitSarker, Dr. PayelPaul, Dr. Poulomi Chakraborty, Dr. Sarita Sarkar, Dr. Diwakar Kumar Singh, Ms. Sharmistha Das, Ms. Moumita Malik, Mr. Ritwik Roy	Microbiology & Biotechnology	India Patent	30/06/2023	13/10/2023	Published
26	202311 031694	SYSTEM FOR SENSOR BASED QUALITY CONTROL FOR FOOD & BEVERAGES	Dr. M P Sharma, Prof. (Dr.) Vikas Singh, Chef Umesh Kumar Kundaliya, Md. ShadabNaseem, Chef Hrendra, Mr. Rupam Ghosh, Chef Atin Das, Mr. Anirban Chatterjee	Hospitality & Culinary Art	India Patent	05/04/202 3	06/09/2023	Published
27	202311 026658	A BLOCKCHAIN-BASED IOT SYSTEM FOR SECURITY AND DATA PRIVACY PROTECTION AND ITS METHOD THEREOF	Mr. Anuj Kumar, Dr. Deepali S Hirolikar, Dr. Sukhmeet Kaur, Dr. Ashish Mathur, Dr. Srilalitha Girija Kumari Sagi, Dr. Ameet Sao, Mr. Abhijeet Chavan, Dr. Devi Manikeswari, Dr. Renu Gupta, Mr. Subrata Routh, Ms. Ruth Felicita. F, Dr. Nishu Ayedee	Hospitality & Culinary Art	India Patent	26/05/2023	04/11/2023	Published
28	202311 011092	GREEN HUMAN RESOURCE MANAGEMENT AS A TOOL FOR THE SUSTAINABLE DEVELOPMENT OF ORGANIZATION	Prof Dr Manoj Srivastava, Mr. Ajay Pratap Singh, Subrata Routh, Prof. (Chef) Subhadip Majumder, Ashish Kumar, Mr. Rahul Gautam, Ankit Mishra, Dr Sarika Takhar	Hospitality & Culinary Art	India Patent	18/022023	17/03/2023	Published
29	202431001782 A	FORMULATION OF MORINGA OLEIFERA IN THE TREATMENT OF NON-ALCOHOLIC FATTY LIVER DISEASE	Mr. Sukanta Roy, Mr. Tuhin Sarkar, Dr. Preeta Bose, Mr. Parag Ghosh, Mr. Sudepto Biswas, Ms. Senjuti Bhattacharjee, Ms. Panchali Dasgupta, Mr. Sourav Das, Dr. Anirban Deep Bose, Dr. Anirban Deep Bose	Pharmacy	India Patent	10/01/2024	19/01/2024	Published

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30	202411056756 A	BIODEGRADABLE SMART PACKAGING WITH INTEGRATED FRESHNESS MONITORING SYSTEM	Dr. Ashwani Sharma, Mr. Shubha Dattatreya Bahinipati, Dr. Subhamoy Das, Dr. Keya De Mukhopadhyay, Mr. Ajay Acharya, Dr. Anjali Singh, Aminul Islam, Dr. Stephen Stanley Jayapaul	Agriculture	India Patent	25/07/2024	08/09/2024	Published
31	409856-001	SEED COATING MACHINE	Dr. Shankha Koley, Dr. Sarthak Bhattacharya, Dr. Subhadip Pal, Dr. Agniswar Jha Chakraborty	Agriculture	India Patent	08/03/2024	03/08/2024	Published
32	423210-001	URBAN VEGETABLE CULTIVATION DEVICE	Dr. Sarthak Bhattacharya, Dr. Subhadip Pal, Dr. Agniswar Jha Chakraborty, Dr. Parvez Mallick	Agriculture	India Patent	15/07/2024	13/09/2024	Published
33	405846-001	APPARATUS FOR DETECTION OF BREAST CANCER THROUGH DIGITAL MAMMOGRAPHY	Dr. Cyril Sajan, Dr Surendra Adusumalli, Rajeswar Das, Manukonda Upender Kumar, Dr Lokesh Ravi, Shree Kumari Ghodidhar Raguram, Ajith Kumar Krishnan, Dr. Tapan Kumar Shaw, Prof Dr. Natrajan Angayarkanni	Pharmacy	India Patent	27/01/2024	29/02/2024	Published
34	18/481,143	BIOACTIVE NANOFIBRE DRESSING FOR TREATING WOUNDS & METHOD FOR PREPARATION THEREOF	Pranay Wal, Ravinesh Mishra, Bhupen Kalita, Chinmaya Mahapatra, Hemanta Pathak, Sumon Giri, Devi Violina, Joyanta Kishore Debnath, Namrata Koushik, Manish Bhise, Mohd Imran	Pharmacy	US Patent	04/10/2023	02/01/2024	Published

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35	6360938	AGRICULTURE DRONE FOR MONITORING AND SPRAYING PESTICIDES	Dr. Jayakumar Loganathan, Dr. Hephzibah Rani Singh, Dr. Gopikrishna Pasam, Dr. Anurag Chauhan, Ananthakrishnan Sudhan, Sameeksha Verma, Dr. Apoorva Joshi, Prof (Dr) Subhrendu Guha Neogi, BuddhiwanthanahalliRadhakrishna Prithviraj, Dr. Julian Benadit Pernabas	Computer Science & Engineering	UK Patent	4/21/2024	25/04/2024	Granted
36	6355076	FLOOD MONITORING DEVICE WITH ALERT MECHANISM	Dr. Ralla Suresh, Ms. Sarishma Dangi, Parimala Rajeshwari, Mrs. Pachat Anupriya, Dr. Macha Sarada Khammam, Saurabh KailashchandraPaunikar, Dr. Ramesh Devaraj, Dr. Komanduri Venkata SessaSai Rama Krishna, Dr. Ayyappa ChakravarthiMetlapalli, Prof (Dr) Subhrendu Guha Neogi	Computer Science & Engineering	UK Patent	23/03/2024	04/03/2024	Granted
37	202441 016549	AI BASED BLOCKCHAIN-POWERED SECURE VAULT FOR PERSONALDATA AND IDENTITY MANAGEMENT	M.Nithya, Dr. P. Chitra, Raghi K. R, Siddanna S R, Surya G., Mr. Vinod Kumar, Mohit Paul, Dr.U.Sridevi, Dr.M.Hema, Prof (Dr.) Subhrendu Guha Neogi	Computer Science & Engineering	India Patent	22/03/202 4	03/07/2024	Published

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38	20244100 1931	AI BASED AI BASED PREVENTION OF CYBER-ATTACKS ON HEALTHCAREORGANIZATIONS USING IOT, CLOUD COMPUTING AND MACHINE LEARNINGAPPROACH	Dr Srinidhi G A, Dr. Vinitha. K, Manjunatha K M, Dr. Sandip Halder, Manisha Das, Sabareesh R, Mrs. Aparna Bhonde, Mr B.Ramana Reddy, Lt. Dr. Charly Jerome J, Prof (Dr.) Subhrendu Guha Neogi	Computer Science & Engineering	India Patent	02/09/2024	01/10/2024	Published
39	6338063	SMART DEVICE FOR NETWORK INTRUSION DETECTION	Dr. Sanjay Kumar, Dr. Vishnuvarthanan Govindaraj, Sabeena Gnana Selvi, Muthugurunathan Ganesan, Jayakumar Loganathan, Neha Pandey, Karunanidhi Subash, Vishwas Sharma, Dhayalini Karuppiah, Prof. (Dr.) Subhrendu Guha Neogi	Computer Science & Engineering	UK Patent	18/01/2024	01/07/2024	Granted
40	402160-001	PORTABLE CLEVENGER APPARATUS FOR HYDRO DISTILLATION	Mr. Mayuresh Kashinath Raut, Dr. Rajesh Hramesh Patil, Mrs. Savita Shrikant Deokar, Miss. Survanta Rajaram Takale, Dr. Raju Ratan Wadekar, Mr. P. Sivasubramanian, Mr. Sushant Kumar Sharma, Dr. Nisha Shri Chengama Raju, Dr. Bincy Raj, Dr. Kanakam Vijayabhaskar, Mr. Parag Ghosh, Mr. Krishna Kumar	Pharmacy	India Patent	14/12/2023	09/02/2024	Published
41	403213-001	BASKET TYPE DISSOLUTION APPARATUS FOR FLOATING DRUG DELIVERY SYSTEM	Mr. Sukanta Roy, Mr. Sourav Das, Mr. Parag Ghosh, Dr. Dibya Das, Anirbandeep Bose, Prof. (Dr.) Subas Chandra Dinda, Dr. Dileep Kumar Bharati, Dr. Navjot Singh, Dr. Chinmay Mahapatro, Dr. balaram Ghosh	Pharmacy	India Patent	27/12/2023	15/03/2024	Granted

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42	393378-001	AUTOMATED FOOD QUALITY MONITORING DEVICE	Mr Sumit Das, Anirban Chatterjie, Anupam Alok, Chef Sandeep Kumar Singh, Chef Sunil Kumar	Hospitality & Culinary Art	India Patent	22/08/2023	18/07/2024	Published
43	429998-001	SOUND BIRD DETRRRENT DEVICE FOR AGRICULTURAL FARMS	Dr. Dibyendu Pal, Dr. Ramyajit Mondal, Dr. Kabita Mondal, Dr. Saumi Goswami, Dr. Jayita Hore, Dr. Priyanka Ghatak, Dr. Swarbinay Mahanta	Agriculture	India Patent	10/09/2024	29/11/2024	Published
44	6356707	DEVICE TO DEVELOP DISSOLVING MICRONEEDLES FOR THE TREATMENT OF DIABETES MELLITUS.	Mr. Sukanta Roy, Prof. (Dr.) Subas Chandra Dinda, Dr. Anirban Deep Bose, Mr. Sourav Das, Mr. Parag Ghosh, Ms. Payel Pramanick, Mr. Hrishav Das, Purkayastha, Dr. Sangita Agarwal, Ms. Senjuti Bhattacharjee, Mr. Sudepto Biswas	Pharmacy	UK Patent	01/04/2024	02/04/2024	Granted
45	409007-001	IMPLANTABLE DEVICE FOR CONTINUOUS MONITORING OF GLUCOSE AND INSULIN	Mr. Sukanta Roy, Mr. Sourav Das, Prof. (Dr.) Subas Chandra Dinda, Dr. Anirbandeep Bose, Mr. Parag Ghosh, Dr. Dibya Das, Ms. Swagata Sarkar, Ms. Ananya Chandra, Mr. Soumik Laha, Dr. Navjot Singh	Pharmacy	India Patent	28/02/2024	28/04/2024	Published
46	408753-001	DEVICE FOR IDENTIFICATION AND PHYTOCHEMICAL SCREENING OF CRUDE DRUGS	Manukonda Upender Kumar, Devendra kumar sahu, Dr. Pankaj Nainwal, Dr. Rinku Mathappan, Dr. Biresh Kumar Sarkar, Dr. Rupali sampatrao Dhikale, Dr. Samir Kumar Samanta, Dr. Sankhadip Bose, Dr. Sudip Kumar Mandal, Sagar Bansal	Pharmacy	India Patent	26/02/2024	23/04/2024	Published

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47	6368231	WOUND COVER WITH INTEGRATED SENSOR TO PREVENT EXTERNAL DUST ON WOUND	Mr. Sukanta Roy, Ms. Parwati Chouhan, Mr. Subhadeep Sasmal, Dr. AnirbanDeep Bose, Mr. Sourav Das, Mr. Parag Ghosh, Mr. Subhadas Chatterjee, Mrs. Sancharee Mondal, Mrs. Swati Kumari	Pharmacy	UK Patent	24/05/2024	03/06/2024	Granted
48	443929-001	RENEWABLE ENERGY BASED GREEN HYDROGEN PRODUCER	Mr. Atanu Roy , Mr. Anirban Maity , Mr. Sujit Dhar, Mr. Parag Ghosh, Mr. Somen Rai	Maritime studies	India Patent	12/01/2025	26/03/2025	Published
49	432090-001	AI-BASED SMART PESTICIDE SPRAY DEVICE	Dr. Arghya Banerjee, Dr. Koushik Sen, Dr. Snigdha Samanta, Dr. Shuvadeep Halder, Dr. Sruba Saha,Dr. Sudeshna Panja, Dr. Trisha Manna, Mr. Aminul Islam, Mr. Tanmoy Satpati, Mr. Saidul Islam	Agriculture	India Patent	28/09/2024	28/11/2024	Published
50	437063-001	SINGLE PLANT HARVESTER AND THRESHER MACHINE	Dr. Sudeshna Panja, Dr. Sruba Saha, Dr. Trisha Manna, Dr. Koushik Sen, Dr. Arghya Banerjee, Dr. Snigdha Samanta, Dr. Monisankar Bera, Dr. Madhurima Banik, Dr. Arindam Kundu, Dr. Sarita Kumari Pandey	Agriculture	India Patent	11/12/2024	23/01/2025	Published

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51	437064-001	PANICLE IMAGE ANALYZER	Dr. Sudeshna Panja, Dr. Sruba Saha, Dr. Trisha Manna, Dr. Koushik Sen, Dr. Arghya Banerjee, Dr. Snigdha Samanta, Dr. Monisankar Bera, Dr. Madhurima Banik, Dr. Arindam Kundu, Dr. Sarita Kumari Pandey	Agriculture	India Patent	11/12/2024	13/01/2025	Published
52	202441048098 A	IMAGE RESTORATION AND DETAIL ENHANCEMENT USING EFFICIENT TRANSFORMER MODEL FOR EDGE DEVICES	Dr. K. Prasanna Kumar, Dr. F. Vincy Lloyd, Rupali Atul Mahajan, Smita C Khairnar, Renu Kachhoria, Dr. Sruba Saha, Dr. S. Murugaveni, Dr. S. Kiruba	Agriculture	India Patent	22/06/2024	28/06/2024	Published
53	436643-001	PORTABLE CROP DIAGNOSTIC SPECTROMETER	Dr. Koushik Sen. Dr. Arghya Banerjee, Dr. Trisha Manna, Dr. Snigdha Samanta, Dr. Shuvadeep Halder, Dr. Urjashi Bhattacharya, Dr. Arindam Kundu, Dr. Anand Salve, Mr. Aminul Islam, Mr. Saidul Islam, Dr. Ashwani Sharma	Agriculture	India Patent	11/06/2024	27/12/2024	Published
54	6340942	PORTABLE HOUSEHOLD FERMENTER	Deepti Kumari, Dr. Khan Chand, Gazia Nasir, Dr. Boris Huiрем	Agriculture	India Patent	19/01/2024	28/01/2024	Published

Sl. No.	Patent ID	Patent Title	Applicant/ Inventor Name	Technology Area	Patent Office	Filing Date	Grant Date (If Applicable)	Status (Filed/ Granted)
55	202431052021 A	DESIGN AND DEVELOPMENT OF DIGITAL FRUIT AND SPICES QUALITY IDENTIFICATION TECHNOLOGY	Dr. Arunabha Pal, Dr. Rahul Adhikary, Mr. Chunchu Suchith Kumar, Mrs. Pilli Manasa, Dr. Tanuj Kumar Mandal, Dr. Nayan Kishor Adhikary, Dr. Ayon Alipatra, Dr. Priyanka Nandi, Dr. Priyanka Ghatak, Dr. Swarbinay Mahanta	Agriculture	India Patent	07/08/2024	07/12/2024	Published
56	6370932	AI -POWERED PLANT DISEASE DIAGNOSTIC DEVICE	Dr. Meenakshi Kumari, Dr. Neeraj Pathak, Dr. Anita Singh, Dr. Manish Sharma, Dr. Renuka Verma	Agriculture	UK Patent	10/06/2024	17/06/2024	Published
57	202431053628 A	INTELLIGENT RESERVATION SYSTEM FOR OPTIMIZING ROOM ALLOCATION AND GUEST EXPERIENCE IN HOSPITALITY SERVICES	Mr. Sumit Das, Mr. Durgesh Nandan, Ms. Sonia Arya, Ms. Shabnam Jana, Mr. Rupam Ghosh, Mr. Anirban Chatterjie, Ms. Mayurika Ray	Hospitality & Culinary Art	India Patent	14/07/2024	09/08/2024	Published
58	202431024537 A	DEVELOPMENT OF MESOPOROUS NANOPARTICLES FOR ORAL DRUG DELIVERY TO TREAT VISCERAL LEISHMANIASIS.	Mr. Parag Ghosh, Prof. (Dr.) Subas Chandra Dinda, Dr. Anirban Deep Bose, Mr. Sukanta Roy, Mr. Sourav Das, Mr. Debajit Dewan, Mr. Pratyush Maity, Mr. Abhra Das, Dr. Somsubhra Ghosh, Dr. Narahari Narayan Palei	Pharmacy	Indian Patent	27/03/2024	05/04/2024	Published

Sl. No.	Patent ID	Patent Title	Applicant/ Inventor Name	Technology Area	Patent Office	Filing Date	Grant Date (If Applicable)	Status (Filed/ Granted)
59	202431037583 A	SYNTHESIS AND PURIFICATION OF O-METHYL QUERCETIN DERIVATIVES FROM BASELLA ALBA QUERCETIN FOR ANTI – LEISHMANIAL ACTIVITY	Mr. Abhijit Bose, Dr. Sankhadip Bose, Dr. Subhasis Maity, Prof. (Dr.) Ashish Sarkar, Mr. Sabyasachi Banerjee, Dr. Junaid Jibran Jawed, Ms. Supriya Mandal, Mr. Utsab Chakraborty, Mr. Lalit Kumar, Ms. Gita Dash	Pharmacy	Indian Patent	13/05/2024	24/05/2024	Published
60	202441046443 A	PHENOLIC ACID ESTERS IN COMPLEX WITH RUTHENIUM (II): THEIR SYNTHETIC SCHEME AND ANTI – CANCER APPLICATION.	Bandameedi Ramu, Subhasis Banerjee, Sabyasachi Banerjee, Sankhadip Bose	Pharmacy	Indian Patent	17/06/2024	21/06/2024	Published
61	202431065902A	PLGA-CARBON NANOTUBE NANOCOMPOSITE FOR BRAIN TARGETED DRUG DELIVERY	Mr. Sourav Das, Dr. Chinmaya Mahapatra, Dr. Anirbandeep Bose, Prof. Subas Chandra Dinda, Mr.Sukanta Roy, Mr.Parag Ghosh, Mr.Subhajit Sarkar, Mr.Utpal Bhui, Mr.Afsana Khan, Mr.Sourajyoti Goswami	Pharmacy	Indian Patent	31/08/2024	08/11/2024	Published
62	441528-001	DOUBLE DISTILLATION APPARATUS EXTRACTION OF CRUDE DRUGS	Dr. Sanmati Kumar Jain, Priyanka Gupta, Dr Sankhadip Bose, Shiv Murti Singh, Dr. Rahul Prabhu Gaikwad, Athira Jayachandran, Chaitanya B., Sirsath Patil, Dr. Rakesh Patel, Rashmi Saxena Pal, Anjali Sharma	Pharmacy	Indian Patent	21/12/2024	20/03/2025	Granted

Sl. No.	Patent ID	Patent Title	Applicant/ Inventor Name	Technology Area	Patent Office	Filing Date	Grant Date (If Applicable)	Status (Filed/ Granted)
63	454530-001	DEVICE FOR DETECTION OF ANTI DIABETIC & ANTI INFLAMMATORY ACTIVITY OF NATURAL EXTRACTS	Mr. Rajeswar Das, Anuradha Ratan Narwade, Mrs Sangita V Shelar, Dr. Sanmati Kumar Jain, Dr. Rahul Kumar Mishra, Karan Baburao Sonawane, Dr Pranay Wal, Dr. Ashok Kumar, Dr P S Raghu, Mevareen Rynjah,	Pharmacy	Indian Patent	07/04/2025	10/07/2025	Granted
64	454374-001	GROOMING CHECKING MIRROR WITH ATTENDANCE MARKING FOR HOTELS	Atanu Bhattacharya, Supratik De, Ayan Mukherjee, Sanjit Cletus Gomes, Mayurika Ray, Subhranil Chowdhury, Subrata Routh, Anirban Chatterjie, Dr. Santanu Dasgupta, Asik Rahaman Jamader	Hospitality & Culinary Art	Indian Patent	05/04/2025	07/07/2025	Granted
65	460766-001	INCUBATOR LIGHT INTENSITY MONITORING DEVICE	Mr. Rajeswar Das, Mr. Parag Ghosh, Dr. Sankhadip Bose, Dr. Somsubhra Ghosh, Dr. Subas Chandra Dinda, Mr. Abhra Das, Ms. Samprikta Deb, Ms. Ankita Barik, Mr. Rudraneel Sarkar, Mr. Pithu Kuity	Pharmacy	Indian Patent	30/05/2025	07/08/2025	Granted
66	450528-001	AI-POWERED FARM MONITORING DEVICE	Dr. Subhadip Pal, Dr. Agniswar Jha Chakraborty, Dr. Parvez Mallick, Dr. Riman Saha Chowdhury, Dr. Solanki Sarkar, Dr. Shraddha Bhattacharjee, Dr. Pijush Das, Dr. Abhishek Ghosh, Dr. Shankha Koley, Dr. Sarthak Bhattacharya	Agriculture	Indian Patent	06/03/2025	28/05/2025	Granted

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67	444630-001	RADIOLOGY IMAGE CALIBRATING AI DEVICE	Zosangliani, Hrisab Deb	Health Science	India Patent	17/01/2025	05/05/2025	Published
68	438260-001	SOLAR-POWERED AUTOMATED SYSTEM FOR CONTROLLING GRAVITYDRIVEN WATER FLOW WITH A BALL VALVE	Dr. Subhankar Debnath, Mr. Krishna Mondal, Dr. Uday Mandal, Dr. Rahul Adhikary, Dr. Boris Huirem, Dr. Anand Salve, Dr. Sourav Mullick, Dr. Pragun Pal, Mrs Indrani Khoso	Agriculture	India Patent	23/11/2024	23/01/2025	Published