

SGVU Designs

S.No.	Design No	Title	Inventors	Current Status	Approved on
1	344039-001	Fuse AC inlet with switch	Dr. Nagendra Kumar Swarnakar, Vipin Kumar Gupta, Dr. Sandhya Sharma, Dr. Mukesh Kumar Gupta	Granted	6/26/2021
2	361613-001	BUTTER PACKAGING WITH KNIFE SHAPED COVER	Dr. Swati Mishra	Granted	7/4/2023
3	269882	Zip Chip	Dr. Swati Mishra	Granted	9/25/2015
4	342230-001	Apparatus for evaluating mosquito repellent activity	Dr. Ritu Gilhotra	Granted	3/31/2022
5	396250-001	Mouth Cancer Detection Equipmen	Dr. Vikrant Abbot	Granted	28/09/2023
6	399367-001	DRUG WASTE MANAGEMENT DEVICE	MR. SUYOG SUBHASH HOLE	Granted	7/11/2023
7	413328-001	PHYSIOTHERAPY EQUIPMENT FOR HAND AND WRIST THERAPY	Dr. Waribam Ranjeeta, Dr. Dhruv Taneja, Dr. Kapila Jain, Dr. Sonam Verma	Granted	12/4/2024
8	411118-001	A Droplet Microfluidic Device for Cancer Detection	Dr. Pawan Kumar, Dr. Shamim, Dr. Rajesh Kumar, Rupak Sarkar	Granted	20/03/2024
9	407249-001	GSM AND GPS MODULE BASED SMART SANDALS	RAKESH JAIN, DR. MANISH SHRIVASTAVA , BASU KALYANWAT, RUMA SRIVASTAVA	Granted	12/2/2024
10	401897-001	SMART PORTABLE POWER SUPPLY CASE	Mr. Rakesh Jain, Dr. Amrut Anil Rao, Ms. Megha Thakar, Mr. Shri Krishna Mishra	Granted	11/12/2023
11	394630-001	TABLET COATING PAN UNIT WITH HOT AIR BLOWER	Dr. Lalit Kumar, Dr. Neeraj Choudhary, Dr. Ritesh Rana, Dr. Vikrant Abbot	Granted	7/9/2023
12	408283-001	IOT ENABLED DEVICE FOR CONVERTING TEXT INTO AUDIO	Dr. Payal Bansal, Dr. Nagendra Kumar Swarnkar, Dr. Sandhya Sharma, Rajnandani Yadav	Granted	21/02/2024
13	399222-001	IOT BASED SMART WEATHER MONITORING DEVICE	Rakesh Jain, Dr. Rashid Hussain, Rahul Mishra, Dr. Rajesh Kumar Bathija, Krishna Mishra , Dr. Manish Joshi	Granted	5/1/2024
14	6328235	ROBOT FOR AIR CONDITIONER DUCT CLEANING	Dr. Neeraj Kumar,	Granted	5/12/2023
15	6326356	Device to determine vein-islet and vein termination number of leaf	Yogesh Matta , Dr. Iswori Prasad Padhy et al.	Granted	11/24/2023

16	6352412	AI Based Device for the Detection of Oral Cavity Squamous Cell Carcinoma	Yogesh Matta , Dr. Iswori Prasad Padhy et al.	Granted	3/20/2024
17	405760-001	Device To Track Customer Relationship Officers	Dr. Shefali Mendiratta	Granted	12/4/2024
18	406675-001	IoT BASED STRESS AND ANXIETY DETECTION BAND	Dr. Shefali Mendiratta	Granted	12/4/2024
19	406426-001	Device to Detect the Interactive Online Language Learning through Digital Platforms	Dr. Shefali Mendiratta	Case is in Amended Case of Controller	4/7/2025
20	6293876	ARTIFICIAL INTELLIGENCE BASED CONSTRUCTION MATERIAL TESTING UNIT	Dr. Amit Tiwari	Granted	2/7/2023
21	6339308	An Apparatus for the Synthesis of Nanoparticles	Dr. Amit Tiwari	Granted	8/2/2024
22	6346270	Depression Detection Device	Dr. Amit Tiwari	Granted	1/3/2024
23	6342635	Artificial Intelligence Based Shopping Assistance Robot	Mr. Himanshu Vasnani	Granted	27/01/2024
24	429000-001	AI BASED PLANT EXTRACT ANALYSING DEVICE TO IDENTIFY DISEASE	Prof. Sunil Kr Pandey, Dr. Arvind Kumar Singh, Dr. Balbir Singh Khadda, Anirbit Sengupta, Aman Sharma, Dr. Udit Mamodiya	Granted	23/01/2026
25	427837-001	IoT BASED ELECTRIC VEHICLE ENERGY CONSUMPTION PREDICTING DEVICE	Dr. M. Saravanan, Prof. Sunil Kr Pandey, Anurag Anand Duvey, Aman Sharma, Ms. Rajbala, Dr. Udit Mamodiya	Granted	29/11/2024
26	6385319	Artificial intelligence based smart helmet device for body temperature scanning	Subarno Bhattacharyya, Aman Sharma , Navneet Kumar, Mr. Inder Jeet, Dr. Shweta Vikram, Sathviki Rompicherla, Prof. (Dr.) Parul Goyal, Dr. Udit Mamodiya	Granted	11/10/2024
27	417377-001	POWER ELECTRONICS SYSTEM WITH FAULT DETECTION AND DIAGNOSIS	Ms. Rajnandani Yadav, Dr. Nagendra Kumar Swarnkar, Dr. Pramod Kumar, Mr. Rachit Saxena	Granted	19/05/2024
28	422311-001	IOT BASED MICROFLUIDIZER FOR NIOSOME PREPARATION	Deepika Bairagee, Ashutosh Tiwari, Priya Sen , Mr. Vinay Mahajan	Granted	4/7/2024
29	431293-001	AUTOMATED INFUSION APPARATUS FOR TARGETED LIPOSOMAL THERAPEUTIC DELIVERY	Kunal Agam Kanaujia, Giriraj Pandey, Manish Gupta , Dr Nilesh Yadav Jadhav	Granted	23/09/2023
30	427837-001	IoT BASED ELECTRIC VEHICLE ENERGY CONSUMPTION PREDICTING DEVICE	Dr. M. Saravanan, Prof. Sunil Kr Pandey, Anurag Anand Duvey, Aman Sharma	Granted	22/08/2024
31	437712-001	PORTABLE MEDICINE PILL BOX	Vikram Thakkar, Sagar Prakash Wagh, Dr. Prashant Kumar Dhakad, Dr. Ritu M Gilhotra	Granted	18/11/2024

32	6379170	Health Care Monitoring Device	Dr.Swapna Ediga, Dr. Sindhoori Goud, Dr. Languluri Reddenna, Dr. Rakesh Verma, Mr. Yogesh Matta , Dr. Sreedevi Jayakumar, Dr. Dowluru Satya Venkata Gopala Krishna Kaladhar, Dr. Pankaj Gupta, Dr. Sanjay Kumar Lanjhiyana, Dr. Sweety Lanjhiyana	Granted	26/07/2024
33	6395922	Laboratory Instrument for Study of Control Drug-Encapsulated Nanoparticles Release	Dr. Neethirajan Gurusamy, Dr. Manish Kumar Panday, Dr. Manu Mehrotra, Dr. Manish Baboo Agarwal, Md. Yusuf Ansari, Dr. Jaidev Kumar, Mr. Avinash Bajpai, Mrs. Velalu Geetha, Dr.Tusar Bajpai, Ms. Neha Arora	Granted	11/10/2024
34	6393795	Apparatus for Ultrasonic-Assisted Synthesis of Nanocrystalline Antibiotics for Enhanced Bioavailability	Mrs. Sarita Rawat, Ms. Karuna Dhaundhiyal, Mrs. Divya Negi, Mrs. Sandhya Dobhal, Mrs. Riya Mishra , Abhishek Dwivedi, Yogendra Singh	Granted	2/10/2024
35	6384367	Computer-aided drug design device for the development and designing of virtual compounds	Dr. Govindaraju Rajalakshmi, Dr. Marrynal Stanley Eastaff, Ms. Sowmiya Karuppusamy, Dr. Neha Chauhan, Dr. Urmila Raghuvanshi, Ms. Anju Daharia, Dr. Krishna Chaithanya Karri, Dr. Kamalakara Rao Konuku, Mr. Yogesh Matta , Dr. Dowluru SVGK Kaladhar	Granted	21/08/2024
36	6416223	Agricultural Machinery Robot for Analysing Farms and Crops	Dr. Raj Kumar , Mrs. Pallavi Sindhu, Shiv Kumar Rajak	Granted	15/01/2025
37	431293-001	AUTOMATED INFUSION APPARATUS FOR TARGETED LIPOSOMAL THERAPEUTIC DELIVERY	Manish Gupta	Granted	15/11/2024
38	419270-001	Antibiotic Zone Reader Device	Gaurav Chaudhary, Mr. Arshad Ali, Ms. Shalini Shahi, Mr. Rupak Sarkar et al.	Granted	7/6/2024
39	444309-001	Data processing and analysing device	Dr. Raj kumar	Granted	15/01/2025
40	452538-001	HAND SPRAY DEVICE FOR DAIRY	Mr. Ram Singh Goura	Granted	22/03/2025
41	423756-001	DISSOLUTION TEST APPARATUS	Nidhi Chauhan	Granted	19/07/2024
42	406426-001	Device to Detect the Interactive Online Language Learning through Digital Platforms	Dr. Shefali Mendiratta , Assistant Professor, Department of Education, Suresh Gyan Vihar University, Jaipur, Rajasthan	Granted	2/2/2024
43	451152-001	AI-Powered Smart Fault Detection and Isolation System for Power Grids	Dr. Nagendra Kumar Swarnkar Professor, Electrical Engineering, Suresh Gyan Vihar University, Mahal, Jagatpura, Jaipur (Rajasthan)-302017	Granted	12/3/2025

44	457320-001	CONCRETE STRUCTURE INTEGRITY SCANNER	.Mr. Vikram Suthar Assistant Professor, Department of Civil Engineering Madhav University, Abu Road, 307026 2. Naveen Kumar Research Scholar, Bridge Engineering Division, CSIR-CRRI, New Delhi, India Academy of Scientific and Innovative Research (AcSIR) 110025 3. Dr. Jagriti Gupta Assistant Professor, Department of Civil Engineering, Suresh Gyan Vihar University, Jaipur 302017 4. Dr. Anamika Agnihotri Structural Consultant, 82/365, Sector-8, Pratap Nagar, Sanganer, Jaipur 302033 , et al	Granted	1/5/2025
45	463499-001	CARBON-SEQUESTERING CONCRETE MANUFACTURING MACHINE	Surbhi Singh	Granted	26/06/2025
46	457769-001	Surgical Intra-venous glucose and saline stand	Rakesh Jain, Dr. Manish Joshi Professor, Shri. Krishna Mishra	Granted	6/5/2025
47	464748-001	Interlocking Spherical Ball for Bubble Slab Construction	Dr. Prakash Somani, Dr. Sonal Saluja, Ar. Dr. Jagriti Gupta	Granted	6/7/2025
48	475018-001	DEVICE FOR SYNTHESIS OF NANOFORMULATIONS FOR CARDIO PROTECTION	Mr. Mohit Vashishtha, Dr. Hitesh Kingor, Mr. Rahul Pal, Mr. Shivang Shukla	Granted	26/09/2025
49	475534-001	DEVICE FOR NANOCARRIER EVALUATION SYSTEM FOR CARDIAC PROTECTION	Mr. Rahul Pal, Mr. Mohit Vashishtha, Mr. Shivang Shukla, Mr. Rahul Sharma	Granted	1/10/2025

50	471051-001	OXYGEN ABSORBING STORAGE DEVICE	Ram Singh Goura , Joint Director, Suresh Gyan Vihar University, Mahal Road, Jagatpura, Jaipur, Rajasthan - 302017; Dr. Jitendra Kumar Meena Assistant Professor, Apex University, Jaipur; Dr. Rakesh Meena, Associate Professor, Apex University, Jaipur; Dr. Naveen Kumar Assistant Professor, Department of Zoology, School of Basic and Applied Sciences, Sanskaram University, Patauda, Jhajjar - 124108 Haryana, India; Dr. Priya Yadav, Assistant Professor, Institute of Home Science, Dr. Bhimrao Ambedkar University, Khandari Campus, Agra, U.P. - 282002; Mohammed Nayeem, Research Scholar, National Institute of Food Technology Entrepreneurship and Management; Mr. Mohammad Amaan Seh, Ph. D Scholar, Post-Harvest Management SKUAST-K, Shalimar Srinagar, Sanjay Kumar, Horticulture Development Officer, Department of Horticulture, Govt. of Haryana	Granted	16/01/2026
51	483100-001	DIGITAL CLINICAL HEALTH MONITORING DEVICE	Prof. Falah Hassan Shary, Almaaqal University, College of Pharmacy, Basrah, Iraq-00964; Riya Mishra, Vivekanda Global University, School of Pharmacy, Jaipur-302017, Rajasthan; Shalu Jain , Suresh Gyan Vihar University, School of Pharmacy, Jaipur-302017, Rajasthan; Arun Shanmugam, A-Assistant Professor, Department of Pharmacy Practice, J.K.K.Nattraja College of Pharmacy, Kumarapalayam – 638 183, Namakkal District, Tamil Nadu, India. B- Research Scholar, Faculty of Pharmacy, Karpagam Academy of Higher Education, Coimbatore-641021, Tamil Nadu, India; Revanth Ramachandran, A-Assistant Professor, Department of Pharmacy Practice, J.K.K.Nattraja College of Pharmacy, Kumarapalayam – 638 183, Namakkal District, Tamil Nadu, India. B- Research Scholar, Faculty of Pharmacy, Karpagam Academy of Higher Education, Coimbatore-641021, Tamil Nadu, India	Granted	23/01/2026

52	486250-001	BIOSENSOR-BASED CARDIAC EVALUATION DEVICE	Mr. Mohit Vashishtha, PhD Research Scholar, Gyan Vihar School of Pharmacy, Suresh Gyan Vihar University, Mahal Road, Jagatpura, Jaipur, Rajasthan, 302017 Prof. (Dr.) Hitesh Kinger, Professor, Gyan Vihar School of Pharmacy, Suresh Gyan Vihar University, Mahal Road, Jagatpura, Jaipur, Rajasthan, 302017 Mr. Rahul Pal PhD Research Scholar, Chitkara College of Pharmacy, Chitkara University Rajpura, Punjab, 140401; r. Binita Ghosh PhD Research Scholar. Chitkara College of Pharmacy, Chitkara University Rajpura, Punjab, 140401	Granted	20/02/2026
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53	486909-001	VOICE ENABLED MULTIFUNCTIONAL BAG FOR TOURISTS	Abhinaba Sarkar Research Scholar, Suresh Gyan Vihar University Jaipur, Gyan Vihar Marg, Jagatpura, Jaipur, Rajasthan 302017, India Dr. Subhadeep Metya Assistant Professor, Department of Civil Engineering, National Institute of Technology Jamshedpur, Adityapur, Seraikela Kharsawan, Jharkhand 831014, India Ritish Bhaduri Student, Department: Electronics and Communication Engineering, Heritage Institute of Technology Kolkata, West Chowbaga Road, Anandapur, Mundapara, Kolkata, West Bengal-700107, India Dr Mandakinee Bandyopadhyay Associate Professor, Department: Electrical Engineering, Institute of Engineering & Management, D1, management house, Salt Lake electronics complex, sector v, Kolkata 700091, India Subhranil Das Student, Department: Electronics and Communication Engineering, Techno International Newtown, Block - DG 1/1, Action Area 1, New Town, Rajarhat, Kolkata - 700156, West Bengal, India Prof. (Dr.) Anand Mohan Principal and Professor, Department of Management, IT and Health Science, ABS Academy of Management and Health Science, Durgapur, J.P. Avenue, Sagarbhanga, Durgapur West Bengal - 713 211, India Soumen Santra Assistant Professor, Department of MCA, Techno International New Town, Block-DG 1/1, Action area 1, New Town, Rajarhat, Kolkata -700156, West Bengal, India	Granted	6/3/2026
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54	488008-001	EMULSIFICATION–EVAPORATION DEVICE FABRICATED CARICA MICROSPHERES	Mr. Mohit Vashishtha PhD Research Scholar, Gyan Vihar School of Pharmacy, Suresh Gyan Vihar University, Mahal Road, Jagatpura, 302017, Jaipur, Rajasthan, India. Mr. Rahul Pal PhD Research Scholar, Chitkara College of Pharmacy, Chitkara University Rajpura, 140401, Punjab, India. Ms. Indu Assistant Professor, Gyan Vihar School of Pharmacy, Suresh Gyan Vihar University, Mahal Road, Jagatpura, 302017, Jaipur, Rajasthan, India. Dr. Charu Mishra Assistant Professor, Gyan Vihar School of Pharmacy, Suresh Gyan Vihar University, Mahal Road, Jagatpura, 302017, Jaipur, Rajasthan, India. Mr. Arjun Singh Kaushik Assistant Professor, Gyan Vihar School of Pharmacy, Suresh Gyan Vihar University, Mahal Road, Jagatpura, 302017, Jaipur, Rajasthan, India. Mr. Shirit Agrawal Research Scholar, Parul University, Vadodara, Gujarat, 391760 Dr. Sangeeta Narwal Assistant Professor, Department of Pharmaceutical Sciences, Indira Gandhi University, Meerpur, Rewari, Haryana	Granted	3/4/2026
55	490880-001	DEVICE FOR EXTRACTION, AND ISOLATION OF MEDICINAL PLANTS EXTRACT	Ms. Mirabai Ramkrishna Deokar, Phd Scholar, Suresh Gyanvihar University, Jaipur- 302017, Rajasthan, India Ms. Ankta Kumari, Ph.D Scholar, Suresh Gyan Vihar University, Jaipur-302017, Rajasthan, India Dr. Hitesh Kumar Kinger, Professor and HOD, Suresh Gyanvihar University, Jaipur-302017, Rajasthan, India	Granted	3/4/2026
56	6430653	Forced circulation crystallizer for producing large quantities of uniform crystals from a solution	Jaidev Kumar, Tusar Bajpai, Soumya Bajpai, Anju Daharia, Swapnil Deshmukh, Ms. Mansa Shrivastav, Mr. Yogesh Matta, Ajita Khichariya, Velalu Geetha, Dr. Pankaj Agrawal	Granted	21/03/2025
57	6485213	Microwave based laboratory equipment for the synthesis of N-heterocyclic Compounds	Mr. Yogesh Matta	Granted	19/11/2025

58	462326-001	Modular Permeable Reactor Barrier for Fluoride Removal in Groundwater Wells	DR. RAVINDRA BUDANIA	Granted	29/08/2025
59	487529-001	AUTOMATED COMPOUND SYNTHESIS MONITORING APPARATUS WITH AI-ENHANCED PURITY PREDICTION ENGINE	1. Ms. Ashwini Vilas Aswar Assistant Professor, Dr. Rajendra Gode College of Pharmacy, Amravati, Maharashtra, India 2. Manali Mohanrao Bode Associate Professor, Dr. Rajendra Gode College of Pharmacy, Amravati, Maharashtra, India 3. Sandeep Kumar Assistant Professor, Gyan Vihar School of Pharmacy, Suresh Gyan Vihar University, Jagatpura, Jaipur, Rajasthan -302017 4. Chitranjan Dwivedi Assistant Professor, Electronics and Communication, United College of Engineering and Research, Prayagraj, Uttar Pradesh – 211010 , et al	Granted	16/01/2026
60	494458-001	HIGH-SHEAR HOMOGENIZER DEVICE FOR NANOEMULSION PREPARATION	1. Mr. Mohit Vashishtha PhD Research Scholar, Gyan Vihar School of Pharmacy, Suresh Gyan Vihar University Mahal Road, Jagatpura, Jaipur Rajasthan, 302017, India 2. Mr. Rahul Pal Assistant Professor, Department of Pharmacy, Jagannath University, Chaksu Bypass, Tonk Road, Jaipur, Rajasthan, 303901, India 3. Dr. Vinod Kumar Gauttam Professor and Dean, SGT College of Pharmacy, SGT University, Gurugram, 122505, India 4. Dr. Hitesh Kinger Professor and HOD, Gyan Vihar School of Pharmacy, Suresh Gyan Vihar University Mahal Road, Jagatpura, Jaipur, Rajasthan, 302017, India , et al.	Granted	12/3/2026

61	497114-001	SMART HELMET FOR MINER'S SAFETY	1.Dr. R. Bharath Kumar Associate Professor, Bio Medical Engineering, Indra Ganesan College of Engineering, Trichy, Manikandam, Tamil Nadu 2. Dr S M Abdul Mannan Hussain Associate Professor, Project Management, Regenesys Business School, Sandton, Johannesburg, Gauteng, South Africa 3. Devajyoti Patowary Research Scholar, Department Of ECE, Suresh Gyan Vihar University Jaipur, Jagatpura, Rajasthan, 302025 4. Dr Deepak Sundrani Associate Professor, School of Construction, Nicmar University, Pune, Maharashtra , et al.	Granted	2/4/2026
62	501087-001	Computing Device for Legal Document Authentication and Verification	1.Kanta Prasad Sharma Amity University, Greater Noida, Uttar Pradesh 201310, India 2. Dr. Venoo Rajpurohit Head of Department, School of Law, Suresh Gyan Vihar University, Jagatpura, Jaipur, Rajasthan 302017, India 3. Dr. Richa Sharma Assistant Professor, International School of Business Management, Suresh Gyan Vihar University, Jagatpura, Jaipur, Rajasthan 302017, India 4. Mr. Aayushman Sharma Assistant. Professor, International School of Business Management, Suresh Gyan Vihar University, Jagatpura, Jaipur, Rajasthan 302017, India , et al.	Granted	6/5/2026
63	474868-001	Thermal Heat Exchanger	1.Aman kumar Research scholar, Department of Mechanical Engineering NIT patna, Ashok Rajpath, Mahendru, Patna, Bihar 800005 2. Dr. Rajkumar Assistant Professor, Department of Mechanical Engineering Suresh Gyan vihar University, jagatpura , Jaipur 3022017 , Rajasthan, India 3. Ezaz Hasan Research scholar, Department of Mechanical Engineering NIT Patna, Ashok Rajpath, 800005 Bihar ,India 4. Vinita Sinha Assistant professor, Department of Mechanical Engineering GEC Sheikhpura ,811105, Sheikhpura, Bihar	Granted	25/09/2025