

Sarvajanik College of Engineering and Technology

Patents

Sr. No.	Academic Year (latest activity update on the patent)	Department	Name of Inventor(s)	Type of Patent (Design/Process Patent)	Status (Filed/Published/Granted)	Date of filed	Date of published	Date of Granted	Application/ Certification Number	Title
1	2022-23	MECH	1.Henish Mangukiya 2. Vedit Bulsara 3.Vineet Bulsara 4.Satyam Dubey 5.Jesika Jariwala 6.Sangam Jena 7.Umang Mistry 8.Harsh Rajani 9.Ziyan Rangrez 10.Sarvaiya Avdhkumar Rameshbhai 11.Jaydev Dipakbhai Teraiya 12.Jaimin Bhad 13. Smit Chodvadiya 14. Satish Dokiparti	Design	Granted	01-11-2023	14/03/2023		377252-001	Portable and Modular Wheelchair for Kids
2	2023-24	MECH	1.Mann Mehta 2.Raj Gotawala 3.Rahul Yadav 4.Rohan Patel 5.Dhruvin Shukla	Design	Granted	05-08-2023	14/07/2023	14/07/2023	385774-001	MATERIAL LOADER FOR FLEXIBLE MANUFACTURING SYSTEMS
3	2022-23	CO	John De Britto C ., Dr. Mayuri A. Mehta , Dr. Priti Maheshwary , Dr. Rashmi Soni , Dr. Anup Kumar Das , Dr. Jyoti Chandwani , Shubhangi Pandurang Tidake	Design	Filed	16/7/2022	Pending	Pending	367796-001	Development Of An Cost-effective Artificial Intelligence Based Safer Transport Management System In U- Turn Mountains Area
4	2023-24	CO	Dr. Mayuri Mehta, Dr. Devang Pandya, Dr. Paresh Solanki, Dr.Rakesh Vanzara, Dr. Rohit B. Patel	Utility	Published	18/10/22	30/12/23	Pending	202221059577	Neural Network based Vedic Multiplier for Enhancing Computing Speed
5	2023-24	CO	Dr. Devang Pandya, Dr. Mayuri Mehta, Dr. Paresh Solanki, Dr.Rakesh Vanzara, Dr. Rohit B. Patel	Utility	Published	03-12-22	30/12/23	Pending	202221069856	Ground Water Quality Assessment using Multivariate Statistical Techniques and its Correlation with Cancer
6	2022-23	CO	Dr. Latesh Chaudhari, Mr. Vivek Joshi, Dr. Mayuri Mehta, Mr. Hemish Pancholi	Utility	Published	28/12/22	13/1/23	Pending	202221076287	IoT-based Device to Monitor the Quality of Vermicompost Nutrients
7	2022-23	CO	Mr. Vivek Joshi, Dr. Mayuri Mehta, Dr. Latesh Chaudhari, Ms. Shrushti Desai	Design	Filed	31/12/2022	Pending	Pending	376490-001	Urban Health ATM
8	2022-23	CO	Mr. Jashesh Mehta, Prof. Nainesh Vasantbhai Nagekar, Dr. Mayuri Mehta, Prof. Prashant Sureshbhai Modi, Dr. Safvan Vahora, Prof. Anil A. Prajapati	Utility Patent:	Published	17/3/2023	04-07-2023	Pending	202321018251	An IoT Based Pneumatic ICU Hospital Bed with Electric ABS Panel and Railing
9	2022-23	CO	Mr. Rutul Virani, Prof. Nainesh Vasantbhai Nagekar, Dr. Mayuri Mehta, Prof. Aniruddhsinh K. Dodiya, Prof. Upendra R.Bhoi, Prof. Amit B. Parmar	Utility Patent	Published	17/3/2023	04-07-2023	Pending	202321018250	A Novel IoT Based Digital Magnetic Resonance Cardiovascular Health Analyzer Machine
10	2022-23	CO	Kamboj, Pariza; Gupta, Sunil; Pattnaik, Birajashis; Sharma, Parveen; Kundra, Harish; Bhushan, Shashi; Hassan Afshan; Verma, Basant and Prasad, Devendra"	Innovation	Published	08-06-2022	17/06/2022	Pending	202211032892	Data Science And Its Correlation To Big Data And Data-Driven Decision Making

11	2022-23	CO	Dr. Pariza Kamboj, Prof. Bhavesh Patel	Innovation	Granted	27-Apr-2022	20/05/22	04-11-2023	202221024696	Smart Human Protector System at Premises
12	2022-23	MECH	Piyush Patel	Product	Published	NA	15/7/2022	Pending	202221034314	Multiaxial foot-ankle mechanism for prosthetic legs
13	2022-23	CO	Mayuri A. Mehta , Dr. Godwin Anand P S , Vivek Chetanbhai Joshi , Dheeraj Kumar Singh , Stephanie Noronha , Dr P Karthigeyan	Design	Granted	16/8/2021	NA	12-2022	347980-001	Mammography Screening Machine for Breast Cancer
14	2024-25	CO	Bhavisha Parmar, Vivek Chetanbhai Joshi, Mayuri A. Mehta, Dheeraj Kumar Singh, Rachana Oza, Stephanie Noronha, Ms. Niku Brahmhatt	Utility	Granted	4-1-2022	14/1/2022	19/7/2024	202221000306	AN IOT BASED NEONATAL CADDY
15	2022-23	CO	Stephanie Noronha, Rachana Oza, Vivek Chetanbhai Joshi, Mayuri A. Mehta, Dheeraj Kumar Singh, Bhavisha Parmar	Utility	Published	4-1-2022	14/1/2022	Pending	202221000436	GPS ACTIVATED IOT BASED OPTIMISED CENTER PIVOT IRRIGATION SYSTEM FOR LOW ENERGY PRECISION VALLEY
16	2022-23	CO	Dr. Badathala Venkata Prasanth, Biyyapu Sriram, Dr. B. Mouli Chandra, Dr. Jafar Ali Ibrahim S, Dr. N. S. Kalyan Chakravarthy, Dr. R. Krishna Priya, Dr. Mayuri A. Mehta, Prof. Pamesh Chandra Panda, Dr. Ahmed Elngar	Utility	Published	05-06-2022	20/5/2022.	Pending	202241026429	IR BASED APPLICATION FOR AUTOMATIC RAILWAY GATE
17	2022-23	CO	Prof. Ramesh Chandra Panda, Dr. Mayuri A. Mehta, Dr. Indranath Chatterjee, Dr. Mohammad Zubair, Dr Sheetal S. Gaikwad	Utility	Published	9-6-2022	8-7-2022	Pending	202231032951	IOT BASED COST EFFECTIVE WIRELESS INFRARED THERMOMETER DESIGNED FOR NON-CONTACT NEWBORN HEALTH CARE MANAGEMENT
18	2022-23	CO	Prof.Dhatri Pandya, Archil Rameshbhai Chovatiya, Kartvya Iathia, Nevil Ghelani, Vatsal Gadhiya	Utility	Published	01-04-2022	22/04/2022	Pending	202221019895	Autonomous Robot
19	2023-24	CO	Roshni Solanki, Prof Dipali Kasat	Process	Granted	18/9/2017	18/9/2017	07-06-2024	201721032961	AN EFFICIENT SYSTEM FOR THE EARLY DETECTION OF AUTOIMMUNE DISEASES USING A NON-INVASIVE METHODOLOGY
20	2024-25	CO	Vijayraj, Shivani Sharma, Vedik Dave, Ahmed Bhensdadiya, Dr. Nirali Nanavati, Dr. Arnav Bhavsar	Product	Granted	22/7/2019	22/7/2019	28/11/2024	201921029555	NEURAL NETWORK BASED DEMOGRAPHY RECOGNITION SYSTEM
21	2023-24	EC	Pranav B Lapsiwala, Dr. R. V. Kshirsagar	Utility	Granted	05-06-2017	7-12-2017	19/12/2023.	201721019611	MULTICASTING ENERGY EFFICIENT PROTOCOL FOR WIRELESS SENSOR NETWORK
22	2023-24	CO	Chauhan Fenilkumar Dineshbhai , Cheruku Riddhika Bhaskar , Prof. (Dr.) Dipali Kasat	Design	Granted	09-04-2024	09-04-2024	13/06/2024	413005-001	ANTI-SLEEP DETECTOR DEVICE
23	2023-24	CO	Ms. Niva Naik, Dr. Mayuri A. Mehta, Prof. Vivek Chetanbhai Joshi, Prof. Rachana S. Oza, Prof. Bhavesh Ishvarlal Patel, Dr. Jignesh J. Pandya	Utility	Published	30/3/2024	10-5-2024	Pending	202421026505	AI-Enabled Display Device Integrated with Fluoroscopy Machine

24	2023-24	IT-AI&DS	Rutvij Jhaveri, Ankit Patel, Ashish Patel, Jigarkumar Shah	Design	Published	2-6-2023	15/12/2023	Pending	202321038003	EXPLAINABLE AI-BASED SMART ECOSYSTEM FOR AMBIENT ASSISTED LIVING.
25	2024-25	MCA	Dr.P.YasodhaDr. Yatinkumar	Design	Published	01-06-2024	07-06-2024		202441042747	BLOCKCHAIN TECHNOLOGY FOR SECURE AND TRUSTWORTHY DECENTRALIZED APPLICATIONS
26	2024-25	MCA	Dr.S.ThilagavathiDr. Jain M	Design	Published	23-07-2024	02-08-2024	Pending	202441055976	MACHINE LEARNING ALGORITHMS FOR IOT SERVICES IN BIG DATA AND CLOUD COMPUTING
27	2024-25	MECH	1.Mr. Chaudhari Vimalkumar Natvarbhai 2. Dr. Samip Prakashkumar Shah 3.Mr. Himanshukumar Natvarlal Chaudhari	Design	Granted	25-05-2024	26-07-2024	26-.7-2024	424799-001	Vertical Axis Hydrokinetic Turbine
28	2024-25	MECH	1.Mr. Chaudhari Vimalkumar Natvarbhai 2. Dr. Samip Prakashkumar Shah 3.Mr. Himanshukumar Natvarlal Chaudhari	Product	Published	29-11-2024	27-12-2024	Pending	202421093656	Savonius hydrokinetic turbine with split airfoil blades having trailing edge extension
29	2023-24	MECH	Dr. Pankajkumar Paragbhai Gohil Amit Umeshbhai Mehta	Design	Granted	26/01/2022	07-06-2023	07-06-2023	357334-001	WATER CURRENT METER STRUCTURE
30	2023-24	MECH	Mr. PIYUSH THAKORBHAI PATEL , Dr. PIYUSH PRAGJIBHAI GOHIL , Dr. VEERENDRA KISHAN SHANDILYA	Product	Granted	15/06/2022	15-07-2022	14-03-2024	202221034314	MULTIAXIAL FOOT-ANKLE MECHANISM FOR PROSTHETIC LEGS
31	2024-25	MECH	1.Mohil Rajbhoj 2. Daksh Ghodadara 3.Harsh Ramsnehi 4.Yash Rixawala 5.Dhruvin Shukla	Design	Published	07-09-2024	02-12-2024	02-12-2024	429698-001	PELLET EXTRUDER
32	2024-25	MECH	1.Ishan Vaidya 2. Dhruv Chauhan 3.Yug Anghan 4.Vedant Patel 5.Hrishi Desai 6.Dhruvin Shulka.	Design	Published	07-09-2024	02-12-2024	02-12-2024	429697-001	AIR CONVEYER SYSTEM