

Patent Details									
Sl. No.	AY	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY)	Patent Published Date / Granted Date (DD/MM/YY)	Patent Publication Number / Patent Granted Number
1	2021-22	202221018014	Published	Dr. J. W. Bakal	AI-Based Product Ranking Evaluation Process System	1. Rutuja Vivek Tikait 2. Dr. Jagdish W. Bakal 3. Dr. Lata Menon 4. Dr. Biplab Kumar Sarkar 5. Dr. G.R. Patil 6. Mr. Raju Narwade	28/03/2022	15/04/2022	
2	2021-22	202221018015	Published	Dr. J. W. Bakal	Genetic level advanced therapy for neonatal gene treatment	1. Dr. B.K Sarkar 2. Manaswi Shamsundara 3. Dr. Jagdish W. Bakal 4. Dr. Vandana Singh 5. Mr. Pawan Kumar Singh 6. Dr. Reena Singh	28/03/2022	15/04/2022	
3	2021-22	202221018016	Published	Dr. Reena Singh	Point Regression Analysis-Based Big Data Processing using Machine Learning and Deep Learning	1. Basavaraj Hadapad 2. Dr. Jagdish W. Bakal 3. Dr. Biplab Kumar Sarkar 4. Dr. Reena Singh 5. Ms. Rohini Bhosale 6. Ms. Rajashree Gadhve	28/03/2022	15/04/2022	
4	2021-22	202121044387	Published	Munawira Kotyad	Gesture Recognition Glove Integration with Home Assistant Systems for Verbally Challenged Persons	1. MAHATMA EDUCATION SOCIETY'S ,PILLAI HOC COLLEGE OF ENGINEERING 2. Munawira Kotyad 3. Anish Sivarajan Kunnathuparambil	30/09/2021	24/06/2022	
5	2021-22	202121052144	under Examination	Munawira Kotyad	Indian Child Specific Game Based Psychotherapeutic (therapy for post-traumatic stress disorder)	1. MAHATMA EDUCATION SOCIETY'S PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY 2. Munawira Kotyad 3. Yvette Lee	13/11/2021	17/12/2021	

6	2021-22	202241021998	Published	Ms. Rohini Bhosale	IoT-Based Automatic Railway Gate Controller and Notify.	1. Dr. B Rama Ganesh 2. Dr. Narbada Devi 3. Rohini Bhosale 4. Dr. Amit Kumar Tyagi 5. Dr. P. Muthulakshmi 6. Shabnam Kumari	12/04/2022	29/04/2022	
7	2021-22	202241037303	Published	Dr. Reena Singh	Economic Construction of Slabs using Bubble Deck Technology	2. Dr. B Rama Ganesh 2. Dr. Narbada Devi 3. Rohini Bhosale 4. Dr. Amit Kumar Tyagi 5. Dr. P. Muthulakshmi 6. Shabnam Kumari	29/06/2022	08/07/2022	
8	2021-22	202141013901	Filed	Rajashree Gadhawe	Artificial Intelligence Raspberry Pi Based Indoor Positioning System Enabled Mobile Vehicle for Warehousing and Industrial Applications Using IoT	Rajashree Gadhawe	29/03/2021		
9	2021-22	202121042117	under Examination	Gajendra V. Patil	AUTOMATIC AIR FILL IN BIKE, SCOOTY AND CAR TYRES	1. Dr. Gajendra V. Patil 2. Mr. Hemant Patil 3. Mrs. Ashwini Kadam	17/09/2021	06/03/2022	
10	2021-22	202221025962	Published	Mr. Asokan S. 2.MR.SATPUTE SUNNY SHIVAJI 3.MR.RANJEET KUMAR YADAV 4.MR.PRITAM AMBO MUNDHE	Intelligent Hybrid Solar Dehydrator	1. Mr. Asokan S. 2.MR.SATPUTE SUNNY SHIVAJI 3.MR.RANJEET KUMAR YADAV 4.MR.PRITAM AMBO MUNDHE	05/04/2022		
11	2021-22	202221052277	Published	1.Aamir Shaikh 2.Pranita Chavan 3.Supriya Shigwan 4.Ronita Pawn 5.Viraj Mhatre 6.Omkar Gosawi 7. Abhinav Gawas 8.Hritik Mhatre	Smart Irrigation using Unmanned Aerial Vehicle (UAV)	1.Aamir Shaikh 2.Pranita Chavan 3.Supriya Shigwan 4.Ronita Pawn 5.Viraj Mhatre 6.Omkar Gosawi 7. Abhinav Gawas 8.Hritik Mhatre			
12	2021-22	202121004574	under Examination	1.Deepika Chauhan 2.Pranita Chavan 3.Sushma Wankhade 4.Bhushan Saoji 5.Chaitnya Singh 6.Ranjan Walia 7.Dr.Vijay Arputharaj 8. Vandana Kate	Autonomous Medical Disbursing System based on Mobile Robotic for Disastrous Management.	1.Deepika Chauhan 2.Pranita Chavan 3.Sushma Wankhade 4.Bhushan Saoji 5.Chaitnya Singh 6.Ranjan Walia 7.Dr.Vijay Arputharaj 8. Vandana Kate	03/02/2021	02/12/2021	

13	2021-22	202121043251	Published	1. Mr. Raju Narwade 2. Dr. G R Patil	Smart Construction Safety Helmet: An Aurdino based risk, salary monitoring and management tool	1. Mr. Raju Narwade 2. Dr. G R Patil 3. Mr. Vikas Suresh	23/09/2021		202121043251A
14	2021-2022	202121062299	Published	1. Dr. G R Patil 2. Mr. Raju Narwade 3. Karthik Nagarajan 4. Dr. B. R. Sarkar	New scrubber for cleaning and washing of stainless tiffin box and utensils/pot used in the cooker.	1. Dr. G R Patil 2. Mr. Raju Narwade 3. Mr. Karthik Nagarajan 4. Dr. B. R. Sarkar	31/12/2021		202121062299A
15	2021-2022	202121061528	Published	1. Dr. G R Patil 2. Mr. Raju Narwade 3. Karthik Nagarajan 4. Dr. K. D. Singh	Slope bottom tuned liquid damper for improving performance of flat bottom tuned liquid damper	1. Dr. G R Patil 2. Mr. Raju Narwade 3. Karthik Nagarajan 4. Dr. K. D. Singh	29/12/2021		202121061528A
16	2021-2022	202121039462	Published	1. Mr. Raju Narwade 2. Ms. Smitha J.S.	Method and process of manufacture P tiles using waste plastic and other required material	MAHATMA EDUCATION SOCIETY'S PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY	31/08/2021		202121039462A
17	2021-2022	202121046356	Published	Dr. Shilpa Kewate	Eco-friendly polypropylene paver block with swappable anti skid film	Dr. Shilpa Kewate	11-10-2021	10/29/2021	202121046356A
18	2021-2022	202121046794	Published	Dr. Shilpa Kewate	Hex-Grid with a combination of Cellular Lightweight Concrete and Papercrete to construct high strength light weight walls	Mr. Aashish Santosh Gondhali	13-10-21	05/11/2021	202121046794A
19	2021-2022	202121053767	Published	Dr. Shilpa Kewate	Steel fibre reinforced sustainable composite hollow brick	1. Gaurav Gyanendra Mishra 2. Prakashdev Indradeo Singh	23/11/2021	17/12/2021	202121053767A
20	2021-2022	202121043843	Published	Dr. Shilpa Kewate	Manhole Cover with Bamboo as Sustainable Reinforcement in Light Duty Grade	Dr. Shilpa Kewate	28-9-21		202121043843A
21	2021-2022	202121052897	Published	Dr. Shilpa Kewate	Sustainable Sandwich Composite Circular Manhole Cover Designed for Pedestrian Networks	1. Sonam Prasad Bhopatrao 2. Prof (Dr.) Shilpa Pankaj Kewate	17/11/2021	17/12/2021	202121052897A
22	2021-2022	202121054010	Published	Dr. Shilpa Kewate	Manufacturing of lightweight sandwich bricks using a unique combination of Bamboo Fiber and E-waste Powder	Mahatma Education Society's, Pillai HOC College of Engineering and Technology	23/11/2021	17/12/2021	202121054010A
23	2021-2022	202121056483	Published	Dr. Shilpa Kewate	Experimental Studies on the Use of Waste Rubber Tyre Crumb and Bamboo in Tremix Concrete Flooring	Dr. Shilpa Kewate	4-12-21		202121056483A

24	2021-2022	202121049746	Published	Dr. Shilpa Kewate	Precast prefab Bamboo Reinforced cement concrete compound wall	1. Dr. Shilpa Kewate 2. Mr. Pankaj Kewate	29-10-2021	19/11/2021	202121049746A
25	2021-2022	202121049747	Published	Ms. Madhulika Sinha	Experimental Investigation for High Strength and Durable Concrete with addition of Admixtures	Mahatma Education Society's, Pillai HOC College of Engineering and Technology	29-10-2021	19/11/2021	202121049747A
26	2021-2022	202121062302	Published	Ms. Madhulika Sinha	Paver blocks of Concrete with Recycled Aggregates and Partial Replacement of Cement with Alccofine	Ms. Madhulika Sinha	31-12-2021		202121062302A
27	2021-2022	202121052899	Published	Dr. Mansi Subhedar, Mr. Jayesh Rane	Black Box for Two Wheelers	Dr. Mansi Subhedar, Mr. Jayesh Rane	17-11-2021		202121052899A
28	2021-2022	202121052142	under Examination	Dr. Mansi Subhedar, Mr. Upendra Patil	Lightweight Transform Domain Image Steganography Using 32 Bit ARM Cortex M4	Dr. Mansi Subhedar, Mr. Upendra Patil	13-02-2022		202121052142A
29	2021-2022	202221010401	under Examination	Dr. Mansi Subhedar, Dr. B. K. Sarkar	LED Dimming Driver Circuit Using PWM	Dr. Mansi Subhedar, Dr. B. K. Sarkar	26-02-2022		202221010401A
30	2021-22	202121047470	Published	Dr. Divya Chirayil, Ms. Rupali Sathe	IOT-KIT TO TRACK AND NOTIFY DOCTOR, NURSE AND MEDICAL EQUIPMENT.	Dr. Divya Chirayil, Ms. Rupali Sathe	19.10.2021	11/05/2021	202121047470A
31	2021-22	202141050116	Published	Dr. Divya Chirayil, Ms. Rupali Sathe	Emotion Recognition and Notification Using Machine Learning and AI	Dr. Divya Chirayil, Ms. Rupali Sathe	01.11.2021		202141050116A
32	2021-22	202211008805	Published	Dr.B.K.Sarkar	Normal Mode Analysis And Management Molecular Docking And Structure-Based Drug Design Strategies	Dr.B.K.Sarkar	19.02.2022		202211008805
33	2021-22	202221008802	Published	Dr.B.K.Sarkar	Design Develop And Management Of Solar Concentrator Studied with Optical Fiber For Day lighting.	Dr.B.K.Sarkar	19.02.2022		202221008802
34	2021-22	US-17551376	Published	Dr.B.K.Sarkar	Method For Covid-19 Detection To Spread Prevention And Medical Assistance Using Machine Learning	Dr.B.K.Sarkar	15.12.2021		US-17551376
35	2021-22	202121062299	Published	Dr.B.K.Sarkar	New Scrubber For Cleaning And Washing Of Stainless Tiffin Box And Utensils/Pot Used In Cooker.	Dr.B.K.Sarkar	31.12.2021		202121062299

36	2021-22	202241010373	Published	Dr.B.K.Sarkar	TBAR-Managements System: Tourist Behaviour Analysis and Advanced Business Managements System.	Dr.B.K.Sarkar	25.02.2022		202241010373
37	2021-22	202231007537	Published	Dr.B.K.Sarkar	Helmet And License Plate Detection Using Machine Learning And AI- Based	Dr.B.K.Sarkar	12.02.2022		202231007537
38	2021-22	202221002500	Published	Dr.B.K.Sarkar	Designing The New Generation Of Filtration Devices.	Dr.B.K.Sarkar	16.01.2022		202221002500
39	2021-22	202211002503	Published	Dr.B.K.Sarkar	Growing Your Small Business Faster Management System.	Dr.B.K.Sarkar	16.01.2022		202211002503
40	2021-22	202211002504	Published	Dr.B.K.Sarkar	Planning And Forecasting In Specific Business Organization Management System	Dr.B.K.Sarkar	16.01.2022		202211002504
41	2021-22	202221002497	Published	Dr.B.K.Sarkar	Method And Process Quick Electric Vehicle Charging.	Dr.B.K.Sarkar	16.01.2022		202221002497
42	2021-22	202241000869	Published	Dr.B.K.Sarkar	Unique Plug-In Hybrid Electric Vehicles	Dr.B.K.Sarkar	06.01.2022		202241000869
43	2021-22	202241011563	Published	Dr.B.K.Sarkar	Cell Capacity Evaluation using Fifth Generation WLAN and IEEE 802.11ax for VBR Traffic.	Dr.B.K.Sarkar	03.03.2022		202241011563
44	2021-22	202221018017	Published	Dr.B.K.Sarkar	Vibration Of A Single Walled Carbon Nano-Tube For Delivering Of Nanoparticles.	Dr.B.K.Sarkar	28.03.2022		202221018017
45	2021-22	202221018015	Published	Dr.B.K.Sarkar	Genetic Level Advanced Therapy For Neonatal Gene Treatment.	Dr.B.K.Sarkar	28.03.2022		202221018015
46	2021-22	202221018014	Published	Dr.B.K.Sarkar	Ai- Based Product Ranking Evaluation Process System	Dr.B.K.Sarkar	28.03.2022		202221018014
47	2021-22	202221018016	Published	Dr.B.K.Sarkar	Point Regression Analysis-Based Big Data Processing Using Machine Learning And Deep Learning	Dr.B.K.Sarkar	28.03.2022		202221018016
48	2021-22	202221023844	Published	Dr.B.K.Sarkar	Innovation For The Visually Challenged	Dr.B.K.Sarkar	22.04.2022		202221023844