

Patents Details

S.no	Patent Title	Inventors	Application No.	Date of Filing
1	GM Band	1. Prof. Tanuja Sheorey 2. Prof. Vijay Kumar Gupta 3. Mr. Rakesh Kumar Haldkar	202021016334	15-04-2020
2	Graded Plasmonic Cavity Empowered Thin-Film Solar Cell	1. Dr. Dinesh Kumar V. 2. Dr. Manoj Singh Parihar 3. Mr. Abhishek Pahuja	202021024822	12-06-2020
3	Indirect-PID-Fine-Tuner	1. Dr. Prabin Kumar Padhy 2. Mr. Bharat Verma	202021015342	07-04-2020
4	An Efficient Use of Discarded Cylindrical Zinc Carbon and Lithium Ion Batteries Based Electronic Waste for Development of Cost Effective Microwave Absorbing Material for Stealth Applications	1. Dr. Ravi Panwar 2. Mr. Ravi Yadav	202021026301	22-06-2020
5	Spiral Shaped Dielectric Resonator Antenna for MIMO Application	1. Dr. Biswajeet Mukherjee 2. Ms. Monika Chauhan	202021039785	14-09-2020

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6	Spiral Shaped Dielectric Resonator Antenna for MIMO Application	1. Dr. Biswajeet Mukherjee 2. Ms. Monika Chauhan	202021050396	19-11-2020
7	Design of a Frugal Laundry Solution	1. Prof. Puneet Tandon 2. Mr. Soumil Singh Panwar 3. Ms. Ayushi Gupta 4. Mr. Mohammad Abdul Ahad 5. Mr. Tanai Mathur 6. Mr. Sahil Kolgaonkar	202021030820	20-07-2020
8	Beam scanning Antenna for THz Applications	1. Dr. Dinesh Kumar V. 2. Dr. Manoj Singh Parihar 3. Mr. Abhishek Pahuja	202121001817	14-01-2021
9	Device for Pneumothorax	1. Mr. Yogesh Kumar Bhanu 2. Prof. Puneet Tandon 3. Mr. Nimit Nitinbhai Shah 4. Mr. Prasad Gadve 5. Dr. Vipul Kalley	202021042365	29-09-2020
10	Design intervention for vegetable vendors & hawkers	1. Mr. Nimit Nitinbhai Shah 2. Dr. Prabir Mukhopadhyay	202021041252	23-09-2020

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11	Gravity based Piezoelectric Energy Harvester for Rotary Projectile	1. Mr. Tejkaran Narolia 2. Prof. Vijay Kumar Gupta	202121001943	15-01-2021
12	Cycle for children below 5 years	1. Mr. Nimit Nitinbhai Shah 2. Dr. Prabir Mukhopadhyay	202021042488	29-09-2020
13	Walker for incline surface	1. Mr. Nimit Nitinbhai Shah 2. Mr. Prasad Gadve 3. Mr. Yogesh Kumar Bhanu 4. Dr. Prabir Mukhopadhyay	202021051605	26-11-2020
14	Design of a novel Collapsible Hanger	1. Ms. Rishika Kedia 2. Prof. Puneet Tandon	202021041871	26-09-2020
15	Development of Microwave Heat Treated Electronic Waste Derived X-band Radar Absorbing Material Using Electromagnetic Mixing Model Assisted Optimization Strategy	1. Mr. Ravi Yadav 2. Dr. Ravi Panwar 3. Prof. Dharmendra Singh	202021050272	18-11-2020
16	Optimal Design and Characterization of Electronic Waste Composite for X-Band Radar Absorber Using Electromagnetic Mixing Model Aided Grey Wolf Optimization	1. Mr. Ravi Yadav 2. Dr. Ravi Panwar	202021044157	09-10-2020

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17	Voxel- Keychain Multi-tool	1. Mr. Saurabh Yadav 2. Prof. Vijay Kumar Gupta	202121009802	09-03-2021
18	Re-design of walking stick for the elderly in the Indian context	1. Ms. Shivangi Pande 2. Mr. Akshay Kenjale 3. Mr. Aditya Mathur 4. Mr. Puluguju Daniel Akhil Kumar 5. Ms. Maitrayee Gautami 6. Mr. Nikhil Krishna Reddy 7. Dr. Biswajeet Mukherjee	202121012746	24-03-2021
19	Automated External Defibrillator based on High-Current Rectilinear Biphasic Waveform	1. Mr. Yogesh Kumar Bhanu 2. Prof. Puneet Tandon	202021052098	03-11-2020
20	Easy Electric Plug for Elderly/Patients	1. Mr. Yogesh Kumar Bhanu 2. Prof. Puneet Tandon	202121025733	09-06-2021
21	Resuscitation Device (CPR device) with Double Air Suction	1. Dr. Shivdayal Patel 2. Prof. Tanuja Sheorey	202021053251	07-12-2020

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22	An improved asymmetric side handled umbrella for comfort of elderly	1. Ms. Shivangi Pande 2. Mr. Puluguju Daniel Akhil Kumar 3. Dr. Biswajeet Mukherjee	202121012265	22-03-2021
23	RFID Based Vehicle Parking System	1. Mr. Harshit Garg 2. Mr. Siddhant Lojia 3. Kushu Pyasi 3. Dr. Varun Bajaj	202121001774	14-01-2021
24	A Novel Design of a multiple Use Bottle and it Nozzle Opening Mechanism	1. Mr. Nimit Nitinbhai Shah 2. Prof. Puneet Tandon	202021053250	07-12-2020
25	A Process for developing customized electromagnetic shielding structure and a product therof	1. Mr. Varun Chaudhary 2. Dr. Ravi Panwar	202121001685	13-01-2021
26	Design Intervention in the field of Joghpur wooden Handicraft	1. Mr. Mr. Harshit Sharma 2. Dr. Sangeeta Pandit	338101-001	28-01-2021
27	Matress-Cum Bag for long Distance Travel	1. Mr. Sachin gupta 2. Dr. Prabir Mukhopadhyay	202121012756	24-03-2021

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28	Design Intervention for On-Demand TDS Control and Consumption monitoring in water Purifier System	1. Mr. Rajat Jaiswal 2. Dr. Irshad Ahmad Ansari	202121002300	18-01-2021
29	Walking Aid for Elderly	1. Mr. Lovish Bandwal 2. Mr. Pranoti Sonawane 3. Mr. Yagnesh Gohil 4. Dr. Prabir Mukhopadhyay	338277-001	29-01-2021
30	Device for washing hands for a one handed person	1. Mr. Suyash Satyakant Chavan 2. Ms. Manisha 3. Dr. Prabir Mukhopadhyay	202121012753	24-03-2021
31	Hand Push Seeder	1. Mr. Rajkumar Vattam 2. Dr. Prabir Mukhopadhyay		
32	Walking Aid for Elderly	1. Mr. Surya Chaurasiya 2. Dr. Prabir Mukhopadhyay	On hold	
33	Multifunctional Tool for the Kithchen	1. Ms. Krutika Shet 2. Mr. Samanta Hire 3. Mr. Shrunoti Tatiya 4. Dr. Prabir Mukhopadhyay	202121013355	26-03-2021

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34	Automated Lifting Western Commode attachment for Elderly/Patients	1. Mr. Yogesh Kumar Bhanu 2. Prof. Puneet Tandon	202121001563	13-01-2021
35	A Concept design of an affordable groundnut stripper for agricultural sector	1. Mr. Yoha Ashuthosh K 2. Dr. Sangeeta Pandit	202121026201	11-06-2021
36	Design intervention in the attachment of hand block print tool to reduce impact force on the hand for Bagh hand block print of Madhya Pradesh	1. Mr. Rajat Kamble 2. Dr. Sangeeta Pandit	202121030901	09-07-2021
37	A new concept design of a marking gauge for wood-working industry	1. Mr. Kailas P 2. Dr. Sangeeta Pandit	202121017755	16-04-2021