

JSPM'S
Rajarshi Shahu College Of Engineering
Tathawade, Pune-411033, Maharashtra, India

S.No	Name Of Faculty	Title Of Patent	Date
1	Dr.D.S.Bormane	System And Method For Recognition Of Human Emotions	16/01/2015
	Dr.A.N.Paithane		
2	Dr.D.S.Bormane	Side Stand Of Motor Cycle	10.4.2015
	Dr.A.N.Paithane		
3	Dr.D.S.Bormane	“System And Method For Predicting Heart Disease Risk Factors.”	18.09.15
4	Dr.D.S.Bormane	Design And Implementation Of Shielded Channel Double Gate Junctionless Metal Oxide Semiconductor	15.1.2016
	Dr.Y.V.Chavan		
	S.C.Wagaj		
5	Dr.D.S.Bormane	Design And Development Of Mea For High Peak Power Fast Responding Pem Fuel Cell.	15.04.2016
	S.L.Chavan		
6	Dr.D.S.Bormane	Patent On System For Automated Monitoring And Controlling Of Unauthorized Settlement In Urban Areas Using Remote Sensing.	11.09.2015
	Dr.B.D.Jadhav		
7	Kshitij	Improved Charger	11.09.2015
	P.Bhairawakar		
8	Dr.D.S.Bormane	“System And Method For Recognizing Musical Instrument Sound Using FRFT Based MFCC Features.”	13.05.2016
	Dr.D.G.Bhalke		
9	Dr.S.C.Patil	“Internet Of Things Based Smart Farm Mobile Application”	24/06/2016
10	Dr.A.N.Paithane	Water Wastage Prevention And Usage Monitoring System	30.9.2016
	Pratik Bhope		
	Nikhilesh Wani		
11	Ajinkya	Motion Detection Alarm System	3/2/2017
	A.Mahajan		
	Sanket Subhash		
	Chidrewar		
12	Dr.S.D.Apte	“Synthesis Of Emotional Speech By Extracting And Modifying Pitch And LPC Of Neutral Speech”	5/2/2016
13	Dr.S.D.Apte	Context Dependent Human Like Emotional Speech Synthesis In Your Voice With Prosody.	5/5/2017
14	Dr.S.D.Apte	Emotion Detection System For Happy, Angry, Neutral Surprised And Sad Emotions Using Pitch, Voice/Unvoiced Energy Ratio, Jitter And Deviation Of Pitch	5/5/2017
15	Dr.S.D.Apte	System For Conversion Of Murmured Or Whispered Or Breathy Speech To Neutral Speech And Then To Normal/Natural Speech	7/7/2017
16	Dr.S.D.Apte	Performance Improvement Of Reconfigurable Microstrip Antenna With Polarization Diversity And Radiations	5/5/2017
17	P.M.Ghate	The Implementation Of Text To Speech Processing Using Syllable For Marathi Language Using Raspberry Pi (Processor)	16/06/2017
18	Nikhilesh Wani	Biometrics Based Dynamic Password Allocator	19.08.2016

	Pratik Bhope		
19	Akshay Maruti Bandal	Charger Buzzer With Led When No Connectivity	26.08.2016
20	Abhijeet Dilip Kale	Alarm To Handle Lock And Remove Key Of Motorcycle	16.09.2016
21	Dr.B.D.Jadhav P.M.Ghate	An Automated System Of Vehicle Detection On Zebra Crossing	23.08.2017
22	Dr.S.D.Apte	A Novel Multiclass Multistage Writer Verification Using Hybrid Approach In Spatial And Transform Domain	26/05/2017
23	S.C.Wagaj Dr.S.C.Patil	Design And Implementation Of Nanoscale Dual Gate Stack Silicon On Nothing Junctionless Transistor	15.09.2017
24	Ajinkya Mahajan, Sanket Chidrewar, Mayuri Basarge, Dr.A.N.Paithane	Patent On “Antithesis Of Hydrogen-Hydroxyl Using Electro-Polarization Technique”	17.5.2019
25	Dr.A.N.Paithane	System For Identification Of Indian Classical Musical Instruments Sound Using Audio Descriptors	10/5/2019
26	Dr.A.N.Paithane	System And Method For Speaker Identification Using Geographical Region Language.	10/5/2019
27	Dr.S.C.Patil	Method, Apparatus And System For Finding A Square Root Of A Perfect Square Number.	8/4/2019 Granted
28	Shailaja Patil Shobha Kumbar	A Device And Process For Soldering Of Ornaments /Jewelry	24/8/2020 Granted
29	Mrs.Rane Charushila V.	Quality Improvement In Data Embeddable Texture Synthesis Using Wavelet Transform	3/9/2021
30	Archi Ravindra Muley	Safety Warning System For Two Wheelers	
31	1.Avadhut BadshahaBhagwat 2 .Ganesh Naganath Choudhary 3.Rahul Prakash Bagul 4 .Shubham RameshBait 5 . Jalinder Appasaheb Kute	Waste Heat Recovery In Domestic Gas Stove Using Thermosyphon	
32	Prof. Sumod Kisan Prof. Jitendra A. Hole	A Fuel Additive And A Fuel Composition Comprising The Same	
33	Prof. Kavita P. Moholkar Prof. V. H. Bhutnal Prof. D. S. Jadhav, Dr. Rushali A. Deshmukh Prof. A. H. Hingmire	System And Method For Question Generation Based On Bloom’s Taxonomy And Assessment Generation.	21/01/2022
34	Prof. Avinash L. Golande, Prof. V. H. Bhutnal, Prof. Rushali A. Deshmukh	Ecg Based Automatic And Dynamic System For Heart Disease Prediction	3/12/2021
35	Prof. V. H. Bhutnal Prof. D. S. Jadhav	A Secure Deduplication Of Encrypted Data In Cloud	31/01/2020
36	Mr. Karan S. Wagh Mr. Avinash D. Sanap	Privacy Preserving Of Remote Data Using Iot And Encryption For Traffic	15/03/2019

	Ms. Purva P. Parab		
	Mr. Shridhar B. Palivela		
	Prof. Santosh B. Javheri		
37	Dr. Mrs. S. V. Kedar	Identifying Learning Disability Through Digital	1/3/2019
	Mr. Akash R. Sharma		
	Mr. Jaikrishna M. Patil		
	Ms. Purva P. Parab		
	Mr. Rohit T. Wagh		
38	Prof. G. D. Upadhy	Machine Learning	14/08/2020
	Mr. Rushikesh Gaikwad,		
	Ms. Supriya Chavan,		
	Mr. Yashpreet Singh,		
	Mr. Prakash Gangade,		
	Mr. Ajinkya Dhakad.		
39	Shabana Miss.Ghatika SunilWaykole Miss. AishwaryaNandraj Patil Miss.Neha Rajesh	USB Connector Embedded WithLCD Projector	27/11/2020
40	Ms. Supriya Ashok	Storage On Cloud With Owner Defined Attributes For Encryption And	12/6/2020
	Mr. S.B. Javheri		
41	Prof. Rita Ram Kamble	Waterbottle With Tiffinbox	5/10/2018
42	Prof. Rita Ram Kamble	Charging Socket In Car Doors	3/4/2020
43	Padmakar Yermalkar	System With Emergency Drug Injection Mechanism	19/06/2020
	Mr. Pranav Sorate		
	Vanjare		
	Suryavanshi		
	Sandeep		
	Golande		
44	Mr. Pawar Kunal K	Pre And Post Accident Preventing Dev	16/02/2018
	Mr. Kumavat Mohit Dilip		
	Prof. Santosh B. Javheri		
45	Prof. Amruta	Laptop With Safety Storage	9/2/2018
	Prof. Sinju Saliya		
46	Mr. Chandan Bhole	Car Alert System	9/8/2019
	Mr. Shekhar Kolte		
	Mr. Omkar Jadhav		
	Mr. Ravindra Pawar		
	Prof. G. D. Upadhye		
47	Mr. Rahul Chanda	R2S2 Secure Smart Helmet	22/03/2019
	Mr. Soham Ingole		
	Ms. Ruchita Itware		
	Ms. Sejal Kherodkar		
	Prof. Seema Kedar		
48	Prof. Seema V. Kedar	System And Method For Predicting Hu	15/09/2017
49	Ms. Sumita Sarade	Secure Smart Wallet	15/09/2017
	Ms. Shruti Rajput		
	Ms. Megha Nair		
	Ms. Vidya Sejal		
	Prof. Seema Kedar		

50	Mr. Mohit Kumava	USB TO USB (UTU) Wireless Connec	29/09/2017
	Ms. Aishwarya Kulkarni		
	Prof. S. T. Pirjade		
51	Prof. S.V. Kedar	Lifting Plastic Fiber Mechanism With LED'S	29/03/2019
	Pattanaik		
	Mr. Akash Sharma		
52	Prof. S.V. Kedar	Safety Band	29/03/2019
	Prof. V. A. Kotkar		
	Prof. A. L. Golande		
53	Prof. K. P. Moholk	Dual Storage Emergency Battery With M	20/06/2020
	Padamwar		
	Mr. Talat Sayyeda		
	Ashutoshshinde		
	Ms. Gauri Pawar		
54	Prof. J. P. Kshirsag	Using Image Processing And Advisory Treatment System	29/03/2019
	Ms. Geetanjali Bhadsage		
55	Prof. N. V. Kimmatt	Brain Image Visualization	31/03/2021
	Mr. Anson Antony		
	Mr. Sahil Bhirud		
	Mr. Abhishek Raj		
56	Prof. R.T. Umbare	Improved Black Board	29/03/2019
	Mr. Pisal Omkar Ravikumar		
57	Prof. V. M. Barkad	Intelligent Light Sensing Backlcut Keyb	29/03/2019
	Mr. Joshi Urmik		
	Mr. Borse Sachin		
	Mr. Biche Jay		
	Mr. Ashutosh Khetmalis		
58	Mr. Praful Pawar	Intelligent Approach Driving License	5/4/2019
	Mrs. S. S. Mirajkar		
	Mrs. S. R. Kakade		
59	Mrs. S. R. Kakade	Full Equipped Ruler Scale	14/11/2017
	Mrs. S. S. Mirajkar		
	Mrs. V. D. Shinde		
60	Ms. Ankita Nagark	Improved Dish Antenna For Television	17/06/2016
61	Ms. Ankita Nagark	Working On Wind Pressure During Travelling	28/10/2016
62	And Ms. Pinakini Sawant	Biometric Based Dynamic Password Aunthentication	19/08/2016
63	Chavan Sudarshan L, Talange Dhananjay	Development And Charecterization Of Supercapacitive Pem Fuel Cell	23/03/2018
64	Chavan Sudarsha L,Dhatrak Arti N, Shantappa Prashansha	Design And Development Of Smart Electricity Measurment System	25/10/2019
65	Archana Jadhav	Key Tracker Using Gps	19/06/2021
66	Anuja Dombe	A Key With Pasting Functionalities	01/03/2019
67	Prof G.S. Mate	“System And Method For Predicting Rhemutoid Arthritis Using Digital	9/10/2020
68	Anuja Jadhav	Toothpaste Dispensing Travelling	10-07-2020

69	Anuja Jadhav	Device And Software To Generate Academic Leadership	
70	Vikas Mapari	A Shielding System For Rfid Tag To Preserve Privacy And	24/01/2020
71	Anuja Zade	Ai Ml And Iot Based System To Clear A Path For Emergency Vehicle	13-11-2020
72	Dr.S.M.Chaware	Imm: Class Monitoring System: Iot And Ai-Based Real Time Class Monitoring And Faculty And Their	30-01-2020 Granted
73	Dr.S.M.Chaware	A System And Method For Joint Encoding And Encryption Using	9-07-2021 Granted
74	Dr.S.M.Chaware	Traffic Density Detection: Ir BasedTraffic Density Detection And Automatic Signal Adjustment Using	7/8/2021
75	Dr. R.K. Jain	Safety Status For A Highway Project	2/9/2016
76	Dr. R.K. Jain	Acceptability Of Sewage Treatment Plant (Astp) On The Basis Of Water	2/6/2016
77	Dr. R.K. Jain	Use Of Steel Slag For Subgrade In Road Co	2016
78	Dr. R.K. Jain	Use Of Wasted Coconut Shell Charcoal As A Filter For Wearing Course Of Road	
79	Prof. H.J.Joshi	A Multifunction Drawing Apparatus	1/1/2019
80	Dr. A.R. Deshmukh	Centering Of Surveying Instrument Over Ground Station Using Foldable	2018-19
81	Dr.R.A. Dubal	Continuous Flow Vermin Reactor For Fast Track Urban Solid Waste Treatment.	2018-19
82	Palak Pandey	Sound Energy To Electical Energy	9/18/2020
83	Mr. Pankaj Sahu,Dr. Ashish	For Harvesting Wind Energy	10/16/2020
84	Dr. Binod Kumar	Broadcasting System For Hearing Impaired And HardOf Hearing With Ai By Using Sign Language And	9/11/2020
85	Dr. Binod Kumar	Based And Cost Efficient Communication Platform Between Deaf And Blind/ Blind And Deaf Community-Ai Based Deaf To Blind And	11/13/2020
86	Dr. Binod Kumar	Security Model For Covid-19.	
87	Dr. Binod Kumar	Monitoring System Based On Deep Learning Techniques For Automatic	7/2/2021
88	Dr. Binod Kumar	Organic Led Farming SystemBased On Artificial Intelligence & Machine Learning Model During Post	8/4/2021
89	Dr. Binod Kumar	Auto-Negation	10/19/2021
90	Dr. Binod Kumar	Improving Health Of Electric Vehicles' Batteries Using Machine	11/11/2021
91	Dr. Binod Kumar	Device To Monitor Health Parameters Of Animals	11/23/2021
92	Dr Bapurao Bandgar	Design And Implementation Of Smart Human Recognition And Counting System Based On Deep Learning And	15/10/2021