



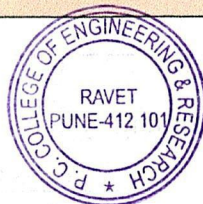
List of Patents (as on August 2021)


: Patent : Academic Year	No. of Patents (Academic Year and Department)						Total
	Mechanical	Civil	E&TC	Computer	FE	Other (Library/ Admin etc)	
2016-17 & EARLY	40	6	3	5	6	---	60
2017-18	23	8	3	5	3	2	44
2018-19	10	3	---	---	16	---	29
2019-20	25	2	18	6	4	2	57
2020-21	1	5	---	1	3	---	10
2021-22	51	---	---	---	---	---	51
Total	150	24	24	17	32	4	251

: Patent :	No. of Patents (Categories)						Total
	Mechanical	Civil	E&TC	Computer	FE	Other (Library/ Admin etc)	
Staff Patents	60	17	13	10	9	4	113
Students Patents	26	5	5	6	7	--	49
Staff + Students Patents	64	2	6	1	16	--	89
Total	150	24	24	17	32	4	251

Status of Patents					
Granted	Under Examination	Published	Filed	Disposed	Total No. of Patents
5	43	49	68	86	251


Prof. Rahul K. Bawane
IP&C Coordinator

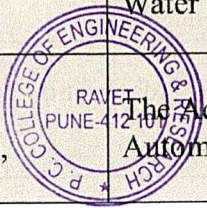



Dr. Harish U. Tiwari
Principal, PCCOER
Principal
Pimpri-Chinchwad College of Engineering & Research
Laxmibai, Ravet, Pune, 412 101

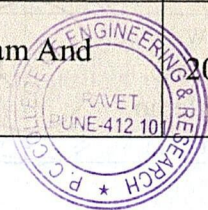
Sr. No.	Name of Dept.	Class & Div.	Name of Inventors	Patent Title	Patent No.	Patent Filing Date	Patent Status (as on Aug. 2021)
1	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A system for cooling using Engine Exhaust Heat	2752/MUM/2011	Oct. 2011	Disposed
2	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	An instant portable and compact cooling system working on multiple heat source	768/MUM/2012	Mar. 2012	GRANTED
3	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A system for reduction of weight of school bag	3749/MUM/2013	Nov. 2013	Disposed
4	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A system for transferring material in a multistory building	2750/MUM/2013	Nov. 2013	Disposed
5	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	An alteration in TV and Remote control	2105/MUM/2014	June 2014	Disposed
6	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A white board marker for smooth writing on inclined plane	1464/MUM/2014	Apr. 2014	Disposed
7	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A water cooling system using two wheeler exhaust	1463/MUM/2014	Apr. 2014	Disposed
8	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A system for reduction of puncture in two wheeler	1465/MUM/2014	Apr. 2014	Disposed
9	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	Refrigerator with instant cooling system	452/MUM/2015	Feb. 2015	Disposed



10	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A compact internal combustion engine with charge comprising of liquid O2 and fuel	454/MUM/2015	Feb. 2015	Disposed
11	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	Adjustable back support of front seat in a car to give flexibility of forward and backward seating	453/MUM/2015	Feb. 2015	Disposed
12	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A time scale (indicator) on writing pen	864/MUM/2015	Mar. 2015	Disposed
13	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A two wheeler vehicle with dual side stand	866/MUM/2015	Mar. 2015	Disposed
14	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	Automatically operated foot rest in two wheeler	2955/MUM/2015	05/08/2015	Disposed
15	Mechanical	TE (A)	Abhishek Santosh Baikar Rounak Dhanraj Bhakte	Pen With Spring To Change The Weight And Center Of Gravity To Enhance Writing Comfort	201621024991	21-07-2016	Disposed
16	Mechanical	SE (A)	Indrajeet Rajendra Khandait	Induction Of An Extra Oxygen In The Engine To Reduce Ignition Lag With Increase In Power & Reduction Emission	201621025367	25-07-2016	Disposed
17	Mechanical	TE (A)	Shrenik Jain Vinayak Endgallu	Multi Function Pen Consisting Of Inbuilt Paper, Advanced Punching System, Advanced Stappler, Glue.	201621025532	26-07-2016	Disposed
18	Mechanical	TE (B)	Omkar Sinde	Protective Film For Helmet Visor Which Is Water Repellent And Detachable	201621025506	26-07-2016	Disposed
19	Mechanical	TE (A)	Abel Mathew, Kartik Mundase, Ashwin Bhalerao, Ashish Maurya,	The Additional Control Unit (ACU) For Automated Speed Control In Required Zones	201621025537	26-07-2016	Published

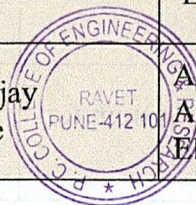


			Kartik Kinge, Shrutika Takalkar, Shrikant Shetty				
20	Mechanical	Staff	Prof. Rahul Krishnaji Bawane	Pen To Push Out And Pull In Refill Automatically When Griped And Un-Griped Using Fluid Gripper	201621025803	28-07-2016	Disposed
21	Mechanical	SE (A)	Shubham Suresh Poojary	Heart Rate Sensing Helmet for Safer Driving	201621025788	28-07-2016	Published
22	Mechanical	SE (A)	Indrajeet Rajendra Khandait	Use of Electromagnet in an Engine To Increase The Power Production With Less Piston-Cylinder Friction	201621026222	01-08-2016	Disposed
23	Mechanical	TE(A)	Shubham S. Bahir Akshay D. Ranpise	A Dual Hydraulic Seat Lifter For Moped	201621026326	02-08-2016	Disposed
24	E & TC	SE	Priyanshu Kukkar	Smart Slipper with Weight Sensor, Clock with Stop Watch, Weather Sensor and Bluetooth	201621026952	08-08-2016	Disposed
25	Mechanical	Staff	Prof. Rahul Krishnaji Bawane	Motorcycle Helmet Having Sliding Chin Guard With Helmet Locking To Mirror Rod	201621026956	08-08-2016	Disposed
26	Mechanical	Staff	Prof. Jayashri V. Chopade	Sensor Operated Automatic Ink Stamping Machine	201621026957	08-08-2016	Disposed
27	Mechanical	TE (B)	Aditya Sudhir Yadav	Advance Rain Water Utilization Method Using Digital Control System	201621027009	08-08-2016	Under Examination
28	Mechanical	SE (A)	Indrajeet Rajendra Khandait	The System Which Separates Steam And Water From Moist Steam	201621027008	08-08-2016	Disposed

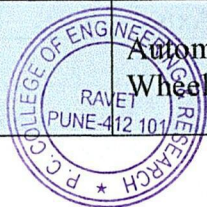


29	Civil	SE	Onkar Indalkar Akshaykumar Kacha	Laser Assembly Used For Surveyor's Tripod Centering	201621027266	08-08-2016	Under Examination
30	Computer	SE	Nolesh P. Warke Akshay D. Ranpise	Conveniently Unfolding of Laptop	201621027637	12-08-2016	Disposed
31	Computer	SE	Siddharth V. Bhandarkar	DNA Database & Crime Investigation Operation	201621027962	17-08-2016	Under Examination
32	Mechanical	SE (A)	Jay Nagnath Itkal	The Rotary Jaw Chuck	201621028921	25-08-2016	Disposed
33	Mechanical	SE (A)	Parimal Shankar Kore Manish Vinayak Kude	Buzzer Indicator System For Headlight On During Daytime	201621029851	01-09-2016	Disposed
34	Mechanical	Staff	Prof. Rahul Krishnaji Bawane Prof. Jayashri V. Chopade	Pressurized Ink Ball Pen Refill Employing Magnetic Repulsion Force	201621029856	01-09-2016	Disposed
35	Mechanical	TE (A)	Chetan Ramesh Ingale	Electric Meter with Smartcard	201621030633	08-09-2016	Disposed
36	Mechanical	TE (B)	Ashish Chandrashekhar Shinde	Automated Tyre Puncture Protection and Tyre Cleaning System when Vehicle is Running Simultaneously	201621030635	08-09-2016	Disposed
37	Civil	TE Civil	Shubham Satish Kulkarni	Plasto Fly Ash Brick	201621030816	09-09-2016	Under Examination
38	Civil	Staff	Anand Basavraj Kudoli Sudarshan S. Bobade	Innovative and Efficient Logistic System for Sugar Industries	201621030821	09-09-2016	Disposed

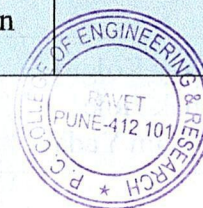
39	Mechanical	TE (B)	Shreekant Rakesh Shukla	Automatic Opening of Laptop Lid Using Toggle Switch	201621031258	14-09-2016	RQ Filed
40	Mechanical	TE (B)	Ronak P. Hariya Suridha G. Chakraborty	Electrically Adjustable Mirrors in Two Wheelers using a Switch	201621031839	19-09-2016	Disposed
41	Civil	Staff	Anand Basavraj Kudoli Sudarshan S. Bobade	Innovating and Efficient Smart Calculator with Unit System	201621032482	23-09-2016	Disposed
42	Civil	Students	Kulkarni Shubham Parade Vaibhav Hasabe Reshma Gadekar Priyanka.	River Sweeping Arm (River Cleaning System With Screening, Chlorination & Aeration)	201721001069	11-01-2017	Disposed
43	Mechanical	TE (A)	Omkar V. Deshpande Tejas K. Bodke	Fin Based Preheating of the Catalytic Converter	201721001280	12-01-2017	Disposed
44	FE (Mechanical)	FE (D)	Suraj Balasaheb Satav	An Alteration In Screwdriver To Make It Easy To Grip And Apply More Torque	201721002438	23-01-2017	Disposed
45	FE	Student	Vivek Padmakar Mahajan	Computer Mouse Containing Fingerprint Sensor For Detecting Password And User Id Of User	201721009976	22-03-2017	Under Examination
46	Mech	Staff	Rahul Krishnaji Bawane	Vacuum Water Evaporation And Humidification Air Cooling System For Car In Dry & Hot Climate	201721009979	23-03-2017	Disposed
47	TE Mech	Student	Sushmita Sanjay Shinde	Safety Indicator For Personal Protective Equipment's (Ppe)	201721011307	30-03-2017	Published
48	FE	Student	Shreyash Sanjay Pimpalshende	Smart Switching System For Electrical Appliances To Prevent The Wastage Of Electricity	201721011569	31-03-2017	Disposed



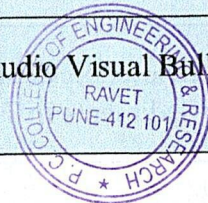
49	FE	Student	Rutvij Rajiv Patil Anagha Sudhir Navale	Kilometer predictor which will sense fuel in tank and predict how much kilometer vehicle will travel further	201721011953	03-04-2017	Under Examination
50	FE	Staff	Priya Balkrishana Oghe	Mobile Self-Charging Using Piezo Electric Cell	201721012868	11-04-2017	Disposed
51	Civil	Student	Nitin P. Mate	Reuse of Organic Waste as a Compost	201721016502	11-05-2017	Disposed
52	Comp	Staff	Sonali Lunawat	An Alteration In Pen To Apply Whitener And Write Simultaneously	201721013554	17-04-2017	Disposed
53	Comp	Staff	Sonali Lunawat	An Improved Multipurpose Pen	201721013555	17-04-2017	Under Examination
54	FE	Student	Nikhil Sugriv Mallah	Liquid Based Cleaning Aid	201721012370	06-04-2017	Disposed
55	Comp	Staff	Ompriya Kale	Individual Carbon Footprint Calculation And Tax Charging System For Sustainable Environment	201721014007	20-04-2017	Under Examination
56	E & TC	Staff	C. A. Bhavsar, K. B. Wane	Smart Mobile Universal Charger With Different Current Ratings	201721016665	12-05-2017	Disposed
57	E & TC	Staff	A. A. Tekade	Advanced Switch Module For Efficient Mobile Charging	201721016767	12-05-2017	Under Examination
58	BE Mech	Students	Akshay Kolgiri Deepak Hole Shubham Yadav	Automatic Lubrication System for Fifth Wheel of Tractor and Semi-Trolley	201721022975	30-06-2017	Disposed



59	BE Mech	Students	Akshay Kolgiri Deepak Hole Shubham Yadav	Space Cooling and Heating System works on Peltier Effect using Solar Energy	201721023030	30-06-2017	Disposed
60	BE Mech	Students	Shubham Yadav	Generation of Electrical Energy using Piezo-Electric Setup inside the Automobile Tyres	201721022991	30-06-2017	Disposed
61	Mechanical	Non-Teaching	Jagdish J Palve Ganesh B Jawalkar Bhagyashree A Bhosale Ganesh N Garade Sandeep H Mhaske Sunil S Yewale Jitendra N Nawale	Non-Newtonian Fluid Mobile Casing Absorbing Impact Shock and Providing Fluid Cushioning Grip	201721025740	20-07-2017	Disposed
62	Mechanical	Staff	Prof. Rahul Krishnaji Bawane Prof. Nandkumar S Vele Prof. Ganesh M Fodase	Customer Side Fuel Dispensed Measurement and Display System on Vehicle	201721026859	28-07-2017	Disposed
63	SE Mech	Student	Vivek Padmakar Mahajan	Foldable Drafter with Foldable Scale	201721026850	28-07-2017	Disposed
64	Computer	Staff	MB Salunke, NB Korade, RR Thete, NP Warke, NG Khedkar GP Gaikwad	Smart Anti-theft Pendrive with a Hard Coded Chip	201721027243	01-08-2017	Disposed
65	Civil	Staff	Amar Devendra Shitole	A System Or Geometric Instrument For Showing The Direction Of Rotation Of Object Under The Action Of Unbalanced Force For Moment Calculation About A Fixed Point Or At Axis	201721027976	07-08-2017	RQ Filed



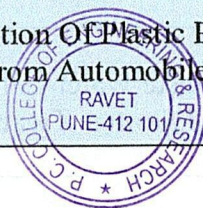
66	Civil	Staff	Amar Devendra Shitole	A Space and Cost Effective Structure of Ear Bud	201721027982	07-08-2017	Published
67	Library	Staff	Rupali Sonawane	Book Content Reorganization By Human Touch	201721030264	28-08-2017	Under Examination
68	Mech	SE Student	Deven Prashant Padale	Brakes Containing Integrated Circuit (Ic), Switch For Switching On Indicator In Moped	201721032161	12-09-2017	Disposed
69	Mech	Staff	Rahul Krishnaji Bawane Priyanka Chavan Rupali Patil	SPEED GOVERNING BY AUTOMATIC BRAKING SYSTEM FOR AUTOMOBILES	201721032364	13-09-2017	Disposed
70	Mech	BE Project Students	Rahul Krishnaji Bawane Ronak Hariya Kiran Hande Suhrida Chakarborty	FUEL HEATING BEFORE INJECTOR USING EXHAUST GAS FOR DIESEL ENGINE	201721032362	13-09-2017	Disposed
71	Computer	T E Students	Siddharth Bhandarkar, Aditya Bankar, Sivkumar Iyer	Automatic Tyre Lock System	201721032368	13-09-2017	Disposed
72	FE	FE Mech Student	Pradnesh Bajarang Mane	Intermediate Extension Plat for Butt Plate Assembly	201721033905	25-09-2017	Under Examination
73	FE	FE Mech Student	Pradbtsg Bajarang Mane	Adoptive Plate for Extension of Butt Plate Assesmbly	201721033908	25-09-2017	Under Examination
74	Mech	Staff	Rahul Krishnaji Bawane Sneha V. Pavade Aniket S. Deshmukh	VOICE RECOGNIZED GEAR SHIFTING FOR AUTOMOBILE	201721038390	30-10-2017	Disposed
75	E & TC	Staff	Rahul Mapari	An Intelligent Audio Visual Bullet Counting Firearms	201721038387	30-10-2017	RQ Filed



76	Principal	Principal	Dr. Harish U. Tiwari	A system of Seat For Prevention From Accidents Caused By Movement By Inertia	201721038392	30-10-2017	Published
77	Mech	Staff	Prof. Rupali Patil RG gulhane DA Farate PV HiwaleGB Jadhav	PCM Based Room Heater For Prolonged Heating Effect Using Soapstone	201721039175	03-11-2017	Disposed
78	Mech	Staff	Prof. Rahul K Bawane Prof. Jayesh V Bute Prof. Jayashri V Chopade	Standby Single Cylinder Engine Drive System For Car	201721040061	10-11-2017	Disposed
79	Housekeeping	--	Balu Kundlik Thopte Sunita Saheb Kamble Sunanda Kundlik Pardhi Vijaymala Arun Kamble Rekha Manohar God Shobha Dyanoba Raut Dhanmma S. Desai Sugalabai S. Birajdar Mina Rajesh Savant Subhmma N. Bahirbona Jayamma Shukla	Slipper with Vacuum Cup in Heel	201721040069	10-11-2017	Disposed
80	Computer	SE Students	Nidhi Raju Hegade Pratik Narayan Kedekar	A Keyboard with Ultrasonic Fingerprint Circuitary	201721040919	16-11-2017	Under Examination
81	Civil	Staff	Gajanan Supe Mayura Yeole	Permanent Solution On The Leakage Of Water From Plant Pots	201721041379	20-11-2017	Published
82	Civil	Staff	Gajanan Supe Sudarshan Bobade Shreedhar Sharanappa	Smart And Innovative Lid To Avoid Spillage Of Milk	201721041383	20-11-2017	Published
83	Civil	Staff	Gajanan Supe	Innovative System To Improve The Settling Of Sediments In The Water Storage Tank	201721041382	20-11-2017	Published



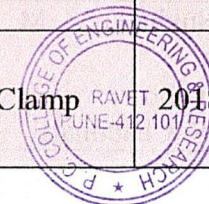
84	Civil	Staff	Gajanan Supe	Bed Sheet Or Blanket Directions Indicator	201721041393	20-11-2017	Published
85	Civil	Staff	Gajanan Supe	Innovative Technique To Improve Suspension In Two Wheeler Seat	201721041388	20-11-2017	Published
86	Mech	Staff	Sneha Pawade AL Asrani AW Ansari	Grass Cutting Machine with Pesticide Sprayer	20172144517	12-12-2017	Under Examination
87	Computer	Staff	Amol Narayan Dumbare Vaishali Prasad Latke Jameer Gulab Kotwal Tejal Swapnil Patil	A Multi-functioning Replaceable Tooth-Brush with Dental Floss & Proximity Brush	201821000014	01-01-2018	Under Examination
88	E & TC	Staff	Rahul Mapari	A smart Digital Stapler	201821002806	24-01-2018	Published
89	E & TC	Staff	Rahul Mapari	An Intelligent Fingerprint & Voice Operated Firearms	201821002803	24-01-2018	Published
90	Mech	Staff + Students	Priyank Chavan Ashwin Bhalerao, Ashish Maurya Rucha Bhalerao	The Vertical Axis Wind Turbine Powered Hybrid Car	201821004186	05-02-2018	Published
91	Mech	Staff + Students	Jayashri Chopade Prakash A. Patil Dipak V. Khedekar Prasad A. Kulkarni Ganesh T. Redde	Explosive Detection by Robo-Drone	201821005900	16-02-2018	Published
92	Mech	Staff + Students	Rahul Krishnaji Bawane Pritam Dattatray Desai Vedang Subhash Desai Ashish Arun Chavan Shashank S. Chowdhary	Production Of Plastic Pyro-Oil Using Waste Heat From Automobile Exhaust Gases	201821006521	21-02-2018	Under Examination



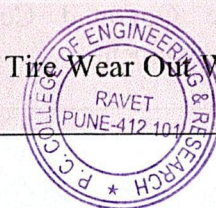
93	Comp.	Student	Vishal Tanaji Khemnar	Clothing/Inventory Management/Sorting System Using RFID Tags And Reader Custom Built As Required	201821011549	24-03-2018	Disposed
94	Mechanical	Staff + Students	Rahul Krishnaji Bawane Jayashre Vitthal Chopade Ronak Paresh Hariya Kiran Vilas Hande	Fuel Injection Assisted By Recirculation Of Exhaust Gas And Dilution Of Intake Charge	201821012914	05-04-2018	Published
95	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	Profile and Tools used for the Pottery Production	201821012915	05-04-2018	Published
96	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	Human Powered Pedal Mechanism for Potter's Wheel	201821012923	05-04-2018	Under Examination
97	Mechanical	Staff + Students	Prof. Jayesh Bute Amey P Joshi Devendra B Borse Vaibhav M Samant	Three Pass Helical Coil Heat Exchanger With Cross counter Flow Arrangement	201821012934	05-04-2018	Published
98	FE	Staff	Prof. Mahesh M. Sarada Prof. Shital A. Patil Prof. Sachin L. Varpe	Bench with Advance Locker System Containing Fingerprint Sensor	201821014511	17-04-2018	Under Examination
99	Mechanical	Staff	Prof. Sham Mankar	Mechanical Properties Enhancement in Gas Metal Arc Welding Joints of Aluminium Alloys Using Copper	201821014963	20-04-2018	Disposed
100	Mechanical	Staff + Students	Prof. Dipak D Biradar Prof. Kavidas K Mate SS Yadav DG Hole AA Kolgiri RS Khiste	Industrial Portable Drilling Machine	201821019833	25-05-2018	Published
101	Civil	Staff + Students	Prof. P H Chivhane VB Khamgal SR Darwade OA Jadhav	Reuse the Waste Water using Emerging Technique of Sewage Treatment	201821020665	01-06-2018	Disposed

			AD Kilkile				
102	Mechanical	Non-Teaching	Jagdish J. Palve Ganesh B. Jawalkar Sunil S. Yewale	Automatic Mobile Flight Mode System for Vehicle Driver	201821023309	22-06-2018	Under Examination
103	Civil	Staff + Students	Prof. Akash Gunjal Sushmita S. Wanjare P. S. Patil Shreyash Dharmadhikari Shreyash L. Bedagkar	Measurement of the Linear Distance and Rotational Angle By Single Instrument Setup	201821027109	20-07-2018	Under Examination
104	Civil	BE Student	1. S. S. Yewale	"Fixing road surface potholes by metal sheet and spikes"	201821004544	07/02/2018	Disposed
105	Mechanical	SE Students	Dnyaneshwari Chandrakant Dhore	Programmable Calculator for HTML Language Coading	201821030059	10-08-2018	Disposed
106	Mechanical	Staff + Students	Prof. Sukhadip M. Chougule Akshay H. Borse Vaibhav S. Chaudhari Aniket K. Kamble	Helical Gear Arrangement to Operate Fluid Spraying Machine	201721010382	24-03-2017	Disposed
107	Mechanical	Staff + Students	Prof. Sukhadip M. Chougule Akshay H. Borse Vaibhav S. Chaudhari Rahul U. Bacche	Introducing Hand Operated Lever Mechanism For Placing Motorcycle On Double Stand	201721010386	24-03-2017	Published
108	Mechanical	Staff + Students	Prof. Sukhadip M. Chougule Akshay H. Borse Vaibhav S. Chaudhari	Modified Structure Legs	201721010388	24-03-2017	Published

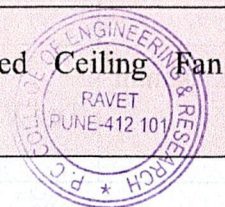
			Mahesh D. Dakhare				
109	FE	Staff + Students	Prof. Rahul Krishnaji Bawane AS Mahalle AR Patange A Sarangi KR Kore	Ball Pen On/Off Using Fluid Pressure At Nozzle Body	201821049556	28-12-2018	Published
110	FE	Staff + Students	Prof. Rahul Krishnaji Bawane HD Ghorpade SA Bhure MV Naikwadi PH Kulabkar	Alteration In Paper Punching Machine To Staple Simultaneously	201821049567	28-12-2018	Disposed
111	FE	Staff + Students	Prof. Rahul Krishnaji Bawane SP Sahare BC Pimparkar AR Pawale SB Thite	An Alteration In Ruler To Draw Parallel Line	201821049570	28-12-2018	Under Examination
112	FE	Staff + Students	Prof. Rahul Krishnaji Bawane NR Patil SS Rajput AB Sirsat AB Patil	Offset Drilling Fixture For Drilling Hole On Inclined Surface Of Any Object	201821049572	28-12-2018	Under Examination
113	FE	Staff + Students	Prof. Rahul Krishnaji Bawane AS Vallal SV Shindikar SG Wagh BN Banshur	Rotating Lock Ring And Fixed Slider Hose Clamp	201821049584	28-12-2018	Under Examination
114	FE	Staff + Students	Prof. Rahul Krishnaji Bawane AS Vallal	Pneumatic Pressure Operated Hose Clamp	201821049586	28-12-2018	Under Examination



			AS More AA Thorat AG Phalke				
115	FE	Staff + Students	Prof. Rahul Krishnaji Bawane SR Patil VV Solanjure KG Patil RR Paralikar	Extensible Sun Visor To Obstacle Sun Rays From The Centre Portion Of The Wind Shield Of Vehicle	201821049589	28-12-2018	Disposed
116	FE	Staff + Students	Prof. Rahul Krishnaji Bawane HT Mahajan A Nagrale PS Narkhede SC Sardar	Mechanical Linkage Operated Mudguard Extension For Two Wheeler Motor Vehicle	201821049590	28-12-2018	Under Examination
117	FE	Staff + Students	Prof. Rahul Krishnaji Bawane PR Vitthaldas VR Waladkar RG Pawar AS Chordiya	Non-Newtonian Fluid Shoe Cushioning And Shock Absorbing	201821049593	28-12-2018	Under Examination
118	FE	Staff + Students	Prof. Rahul Krishnaji Bawane SD Zende GR Patil SS Rajput RR Wagh	Generation Of Electrical Energy Using Piezoelectric Cell On Bicycle Pedals	201821049594	28-12-2018	Under Examination
119	FE	Staff + Students	Prof. Rahul Krishnaji Bawane AB Patil SJ Jagtap AR Tonde KK Umadi	Copassenger Weight Sensing Automatic Opening And Closing Foot Rest Of Bike	201821049600	28-12-2018	Under Examination
120	FE	Staff + Students	Prof. Rahul Krishnaji Bawane AK Raskar	Tire Wear Out Warning Visual Indicator	201821049603	28-12-2018	Under Examination



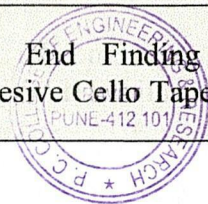
			SS Rajput OV Salunke TS Pawar				
121	FE	Staff + Students	Prof. Rahul Krishnaji Bawane PD Singh UA Raj PH Pawar PC Patil	Hand Held Stapler With Stapler Lock	201821049606	28-12-2018	Disposed
122	FE	Staff + Students	Prof. Rahul Krishnaji Bawane AS Pawale SP Sahare DR Patil SR Wable	A Compass Attachment For Drawing Circle	201821049608	28-12-2018	Under Examination
123	FE	Staff + Students	Prof. Rahul Krishnaji Bawane DK Patel SA Palhade SP Chaudhari VP Sonawane	Automatic Bike Passing High And Low Bean Signal	201821049611	28-12-2018	Under Examination
124	Mechanical	Principal	Dr. Harish U. Tiwari	Cooling Device with Unit of Coolness	201921007181	25-02-2019	Published
125	Mechanical	Principal	Dr. Harish U. Tiwari	Fan with system of Timer and Wetness Sensor to Control the Power of Fan	201921007182	25-02-2019	Published
126	Mechanical	Principal	Dr. Harish U. Tiwari	A Mixer Grinder with system of Function Keys of Various Food Items and Timer	201921007183	25-02-2019	Published
127	FE	Staff + Students	Prof. Rahul Krishnaji Bawane AS Patil Ayush S. Patil	Centrifugal Force Operated Ceiling Fan Blade Cleaning Attachment	201821049613	28-12-2018	Under Examination



			RK Patil PA singhan				
128	Mechanical	Principal	Dr. Harish U. Tiwari	Universal Charging for mobile phones	201821038363	Dec. 2018	Under Examination
129	Mechanical	Principal	Dr. Harish U. Tiwari	Automatic mute system and method in broadcasting devices	201921002560	January 2019	Under Examination
130	Mechanical	Principal	Dr. Harish U. Tiwari	Writing instrument with moistened pad.	201921000593	January 2019	Under Examination
131	Mechanical	Principal	Dr. Harish U. Tiwari	Device and method for defining unit of coolness	201921015111	April 2019	Under Examination
132	Mechanical	Staff + Students	Prof. Jayesh Bute + BE Students	Study of deburring process of gears and develop smatter solution to reduce time and labor	201921021181	29-05-2019	Published
133	Mechanical	Student	Pritam D. Desai	Alteration in Mobile charger with heat level and charging percentage indicator on the charger	201921044975	06-11-2019	Under Examination
134	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Drinking Water Cooler To Reduce Water Wastage And Energy Conservation.	201921047772	22-11-2019	Published
135	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Weight Indicator In Seating Arrangement	201921047773	22-11-2019	Published
136	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For The Measurement And Indication Of Weight In Elevators	201921047774	22-11-2019	Published



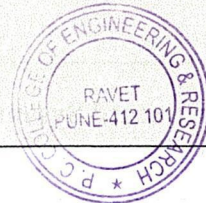
137	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System Of Vehicle Indicators To Use The Hazard Lights And Direct Ion Indicators Simultaneously	201921047775	22-11-2019	Published
138	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Drinking Water Cooler For The Enhancement Of Performance	201921047776	22-11-2019	Published
139	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For The Measurement And Indication Of Time With Rotating Dial	201921047777	22-11-2019	Published
140	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Tube To Remove The Inside Stored Material	201921047778	22-11-2019	Filed
141	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Minimization Of Wastage Of Soap	201921047779	22-11-2019	Published
142	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Cutting Zigzag Edges On Strips	201921047780	22-11-2019	Filed
143	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For The Identification And Judgment For Music Composer	201921047787	22-11-2019	Filed
144	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	System And Method For Retrieving A Lost Mobile Phone Based On Voice Signals	201921047789	22-11-2019	Filed
145	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	An Integrated Keypad With Mouse For Computer	201921047790	22-11-2019	Published
146	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For End Finding And Tape Cutting For Adhesive Cello Tapes	201921047791	22-11-2019	Filed



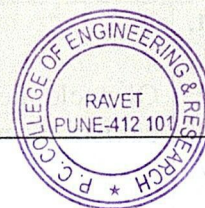
147	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Smooth Ironing As Per Fabric Requirements	201921047792	22-11-2019	Published
148	Mechanical	Non Teaching Staff-	Bhagyshree Bhosale	An alarming system for mishandling of equipmebnts	201921052339	17-12-2019	Published
149	Mechanical	Staff	Prof. Tejal Patil Prof. Sneha Pawade Prof. Jayashri Chopade Prof. Rupali Patil Prof. Priyanka Chavan	PUC Expiry Indicator	201921052238	17-12-2019	Filed
150	Mechanical	Staff	Prof. Priyanka Chavan Prof. Tejal Patil Prof. Sneha Pawade Prof. Jayashri Chopade Prof. Rupali Patil	Automatic and dust free mechanism for board cleaning	201921052241	17-12-2019	Published
151	Mechanical	Staff	Prof. Jayashri Chopade Prof. Priyanka Chavan Prof. Tejal Patil Prof. Sneha Pawade Prof. Rupali Patil	Chopping guard to avoid injury of human fingles	201921052247	17-12-2019	Published
152	Mechanical	Staff	Prof. Rupali Patil Prof. Jayashri Chopade Prof. Priyanka Chavan Prof. Tejal Patil Prof. Sneha Pawade	Curtains with phase changing material	201921052375	17-12-2019	Published
153	Mechanical	Staff	Prof. Sneha Pawade Prof. Rupali Patil Prof. Jayashri Chopade Prof. Priyanka Chavan Prof. Tejal Patil	Dog tying rope with elastic spring	201921052369	17-12-2019	Published
154	Library	Staff	Rupali Sonawane	Book Record System in Reference section of library	201921052250	17-12-2019	Filed



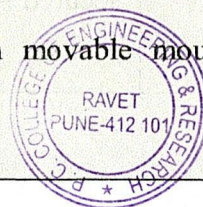
155	Mechanical	Staff	Jayashri V. Chopade	Chhopping guard to avoid injury of Human fingers	201921052247	17-12-2019	Published
156	Civil	Staff	Mayura Yeole	Innovative Pipette for Suction of Large volume of liquid without formation of bubbles	201921052221	17-12-2019	Published
157	Mechanical	Staff	Tejal Patil Sneha Pawade Jayashri Chopade Rupali Patil Priyanka Chavan	PUC EXPIRY INDICATOR	201921052238	17-12-2019	Filed
158	E&TC	Supporting Staff	Mrs.Ashwini Rakesh Jagnade	Aquatic Wall Garden	201921052327	17-12-2019	Published
159	Mechanical	Supporting Staff	Mrs. Bhagyashree Appasaheb Bhosale	An Alarming System For Mishandling Of Equipments	201921052339	17-12-2019	Published
160	E&TC	Supporting Staff	Snehal Aher- Gholap Asmita Desai Bhagyashree Gawali Dipali Dhake Rupali Kawade Triveni Dhamale	Fault Detection of Industrial Pipes Using Application of Image Processing	201921052334	17-12-2019	Published
161	E&TC	Supporting Staff	Bhagyashree Gawali Vijaylaxmi Kumbhar Snehal Aher- Gholap Dipali Dhake Rupali Kawade Triveni Dhamale Arti Tekade	Pure coconut oil preservation in winter season	201921052263	17-12-2019	Published



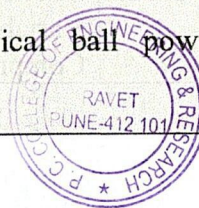
162	E&TC	Staff+ Students	V.S.Kumbhar Arti Tekade M.S.Andhare D.K.Divekar S.S.Jangam K.Y.Mahajan	A Smart Tool for Testing Deficient Elements in Soil	201921052371	17-12-2019	Published
163	E&TC	Staff	V.S.Kumbhar Arti Tekade M.S.Andhare	Water Bottle with Storage Container	201921052362	17-12-2019	Disposed
164	E&TC	Staff	Rupali Kawade Triveni Dhamale Dipali Dhake Bhagyashree Gawali Snehal Gholap	An efficient vehicle registration number recognition system	201921052302	17-12-2019	Disposed
165	E&TC	Staff	Triveni Dhamale Rupali Kawade Dipali Dhake Bhagyashree Gawali Snehal Gholap	Advanced Onion Storage System	201921052356	17-12-2019	Disposed
166	E&TC	Staff	Dipali Dhake Triveni Dhamale Rupali Kawade Bhagyashree Gawali Snehal Gholap	Multipurpose Hairbelt for Hair style	201921052353	17-12-2019	Disposed
167	Admin	Staff	Rajashree Nilesh Darwatkar	A System for Automatic Fan speed control in accordance with room temperature.	201921052326	17-12-2019	Published
168	E&TC	Staff & student	Arti tekade Swamini lohkare Rupali patil Prajakta patil	Secured ATM system	201921052301	17-12-2019	Disposed



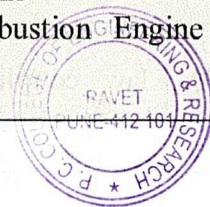
169	E&TC	Staff and student	Dipali Dhake Pratiksha Shetiya Meryl Mascarenhas Mrunal Deshmukh	ATM security system using iris recognition by image processing	201921052340	17-12-2019	Published
170	E&TC	Staff and student	Dipali Dhake Manisha Kamble Shrushti Kumbhar Sana Patil	Sign Language Communication With Dumb Anad Deaf People	201921052215	17-12-2019	Disposed
171	E&TC	Student	Shubhangi Sambare Keta Patel	Smart traffic control using DIP	201921052253	17-12-2019	Disposed
172	E&TC	Staff + Students	Prof. Maithili Andhare PUSHPA PATIL SHIVANI JADHAV	A Raspberry PI Smart Gadget For Women Fafety Using IOT	201921052296	17-12-2019	Disposed
173	E&TC	Staff + Students	Prof. T. Dhamale, Prof. R. Kawade, N. Chavan and C. Chitns	Underwater image and signal processing	201921052273	17-12-2019	Disposed
174	E&TC	Students	Mayuri Warade, Sojwal Patil, Aishwarya Zodge	Smart Classroom with Automatic Attendance System	201921052277	17-12-2019	Disposed
175	E&TC	Students	Siddhi Sawant, Shweta Jagtap	Library Automation Using Computer Vision	201921052293	17-12-2019	Under Examination
176	Computer	Staff	Prof. Dr. Archana Chougule	Fertilizometer	201921052319	17-12-2019	Disposed
177	Computer	Staff	Prof. S. S. Lunawat, Prof. M. H. Badole, Prof. A. T. Bhondve, Prof. S. R. Kale, Prof. S. A. Koparde, Prof. O. V. Kale	Obstacle detection with movable mounted camera for mobile phone	201921052224	17-12-2019	Under Examination



178	Computer	Staff	Prof. M. H. Badole, Prof. S. S. Lunawat, Prof. A. T. Bhondve, Prof. S. R. Kale, Prof. S. A. Koparde, Prof. O. V. Kale	System for self cooling for four wheeler	201921052227	17-12-2019	Disposed
179	Computer	Staff	Prof. A. T. Bhondve, Prof. M. H. Badole, Prof. S. R. Kale, Prof. S. A. Koparde, Prof. O. V. Kale	UID Metal Embossed Name Stamps	201921052232	17-12-2019	Under Examination
180	Computer	Staff	Prof. S. R. Kale, Prof. A. T. Bhondve, Prof. M. H. Badole, Prof. S. A. Koparde, Prof. S. S. Lunawat	A Thermal camera sensor for a fan to save electricity	201921052336	17-12-2019	Disposed
181	Computer	Staff	Prof. S. A. Koparde, Prof. S. R. Kale, Prof. A. T. Bhondve, Prof. M. H. Badole, Prof. S. S. Lunawat	An alteration in toothbrush to detect germs	201921052345	17-12-2019	Disposed
182	FE	Staff	Prof. Jyoti Pai	Pouched Thermostatic Apparatus to Store Packets of Beverages in its Folds	201921052388	17-12-2019	Disposed
183	FE	Staff	Prof. Sonali Kanase	Retrofit Mechanism for Flow Control in Flush Tanks of Toilets	201921052218	17-12-2019	Disposed
184	FE	Staff	Prof. M. Deshpande, Prof. D. Shrivastav, Prof. Priya Oghe	Roller mechanism to clean duster and wet sponge for cleaning the black board	201921052237	17-12-2019	Disposed
185	FE	Staff	Prof. Priya Oghe, Prof. M. Deshpande, Prof. D. Shrivastav, Prof. S. Kanase	Jaw coupling with spherical ball power transmitting element	201921052386	17-12-2019	Under Examination



186	E & TC	Students	Jiyot Babrah, Shweta Narkhede, Navale Anagha	Automatic Waste Segregation and Monitoring System	201921052279	17-12-2019	Disposed
187	Computer	Staff	Prof. V. P. Latke	A Sensing Device to Auto Switch-Off the Domestic water Purifier	201921052321	17-12-2019	RQ Filed
188	Computer	Staff	Prof. Dr. Archana Chougule	System for Seed Testing	348962	09-10-2020 GRANTED	GRANTED
189	Civil	Staff	Prof. Sudarshan S. Bobade	ISUAV-Woman Security: Intelligent Woman Security Using Streetlight and Auto Run Unmanned Aerial Vehicle Using IOT- Based Technology	Australian patent 2020102989	23-10-2020 GRANTED	GRANTED
190	Civil	Staff	Prof. Sudarshan S. Bobade	Movements/shifts/displacements monitoring SMART box of Earth Retaining Structures in Landslides Mitigation	Australian patent 2020103096	29-10-2020 GRANTED	GRANTED
191	Civil	Staff	Prof. Sudarshan S. Bobade	Precast Karmaveer Bandhara	202021050661	20-11-2020	Filed
192	Civil	Staff	Prof. Sudarshan S. Bobade	Storm Drain Grate to Prevent Entry of Floating Debris / Trash / Material / Litter	202011046925	28-10-2020	Filed
193	Mechanical	Student	Atharav Kallappa Chougule	Exhaust Gas Assisted Heating System for Two Wheeler Rider Jacket	202021002060	17-01-2020	Under Examination
194	Mechanical	Staff	Prof. Deepak D. Biradar	Dual-Piston Water/Coolant-Injected Self-Cooled Six-Stroke Internal Combustion Engine With Variable Compression Ratio.	202021000200	03-01-2020	Under Examination



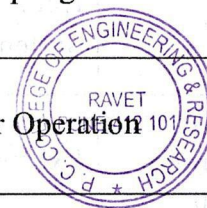
195	E & TC	Student	Khushbu W. Kawale Masumi B. Shah	Extensible Sun Visor To Obstacle Sun Rays From The Centre Portion Of The Wind Shield Of Vehicle	201921052330	17-12-2019	Disposed
196	Civil	Staff	Prof. SS Bobade	Efficient Reuse of Grey Water to flush the toilets without Pumping in G+1 or Multi-Storey building	202121023530	27-05-2021	Published
197	Civil	Staff	Prof. A. B. Kudoli	Economic and Efficient Curing of Column with Curing Pad	201921017076	30-04-2019	Disposed
198	FE	Staff	Prof. Sandeep S. Borgaonkar	Water Saving Pipe System For Purifiers & Other Excessive Water	202121021441	12-05-2021	Filed
199	FE	Staff	Prof. Sandeep S. Borgaonkar	Automated Vending Machine for Public Distribution system	202121021413	12-05-2021	Filed
200	FE	Staff	Prof. Deepshikha Shrivastava	Cleaning and Dust Collection Mechanism from Door Mate	202121023622	27-05-2021	Filed
201	Mech	Staff + Students	Prof. Rhaul K. Bawane Devang Dhekane Aditi Ingle	Hinged And Extensible Car Flap To Shade Eyes From The Glare Of Sunlight	202121036946	15-08-2021	Filed
202	Mech	Staff + Students	Prof. Rhaul K. Bawane Sagar Patil Shivam Patil	Weight Sensor Operated Footrest	202121037009	16-08-2021	Filed
203	Mech	Staff + Students	Prof. Rhaul K. Bawane Akshay A. Pattanshetti Rutuja R. Suryawanshi	Mechanical Ring Hose Fastener	202121037011	16-08-2021	Filed
204	Mech	Staff + Students	Prof. Rhaul K. Bawane Omkar Vijay Salunke Esha Vishnu Laute	Air Pressure Operated Hose Fastener	202121036999	16-08-2021	Filed



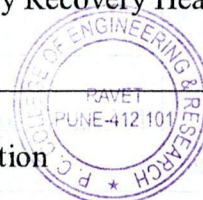
205	Mech	Staff + Students	Prof. Rhaul K. Bawane Sakshi Arali Anushka Dusane	Taper Surface Drilling Fixture	202121036998	16-08-2021	Filed
206	Mech	Staff + Students	Prof. Rhaul K. Bawane Raunak M. Sarmane Shriniwas C. Tonape	Adjustable Parallel Line Drawing Instrument	202121036997	16-08-2021	Filed
207	Mech	Staff + Students	Prof. Rhaul K. Bawane Sharad Umate Ashish Pawar	Foot Pedals Force Conversion To Electrical Energy	202121036996	16-08-2021	Filed
208	Mech	Staff + Students	Prof. Rhaul K. Bawane Mrudula Dhamane Vivek Gurav	Paper Pinning Cum Punching Machine	202121036995	16-08-2021	Filed
209	Mech	Staff + Students	Prof. Rhaul K. Bawane Akanksha Bagad Chinmaya Dhake	Pivoting Latch Pinning Stapler	202121036994	16-08-2021	Filed
210	Mech	Staff + Students	Prof. Rhaul K. Bawane Muskan Tamboli Mayuri Shembade	Color Coding For Tire Wear Rate	202121036992	16-08-2021	Filed
211	Mech	Staff + Students	Prof. Rhaul K. Bawane Shivam P. Vishwakarma Suraj S. Vishwakarma	Adjustable Hinged Lever Compass Drawing Instrument	202121036990	16-08-2021	Filed
212	Mech	Staff + Students	Prof. Rhaul K. Bawane Shreyansh S. Jagtap Shirin Mehboob Patel	Mechanical Linkages Automatic Cleaning Of Ceiling Fan	202121037002	16-08-2021	Filed
213	Mech	Staff + Students	Prof. Rhaul K. Bawane Aditya Madeshwar Joshua Manuel	Headlight Upper-Dipper Automatic Shifter	202121036988	16-08-2021	Filed
214	Mech	Staff + Students	Prof. Rhaul K. Bawane Aniket More Vedant Pagar	Fluid Cushioning Sport Shoe	202121036993	16-08-2021	Filed



215	Mech	Staff + Students	Prof. Rhaul K. Bawane Akanksha Y. Shete Shinde M. Dashrath	Fluid Pressure Operated Clutch Pen	202121036989	16-08-2021	Filed
216	Mech	Staff + Students	Prof. Rhaul K. Bawane Abhijeet D. Kulkarni Aditya G. Telharkar	Automatic Extraction Guard For Bike Front Wheel To Arrest Mud/Water Spillage	202121036973	16-08-2021	Filed
217	Mech	Staff + Students	Prof. Rhaul K. Bawane Gaurav Bharat Patil Ashvina K. Gawande	Waste Heat Recovery Of Vehicle Exhaust To Generate Plastic Fuel	202121036972	16-08-2021	Filed
218	Mech	Staff + Students	Prof. Rhaul K. Bawane Yashraj P. Kamble Sanket C. Lokhande	Pollution Under Control (PUC) Alert	202121036971	16-08-2021	Filed
219	Mech	Staff + Students	Prof. Rhaul K. Bawane Mayur B. Kachare Yuvraj Mallesh Lomate	Automatic Adjustment Of Rear-View Mirrors	202121036970	16-08-2021	Filed
220	Mech	Staff + Students	Prof. Rhaul K. Bawane Nakul Shyam Raut Pranay Dnyandeo Ingle	Magnetic Force Anti-Gravity Ball Pen Refill	202121036969	16-08-2021	Filed
221	Mech	Staff + Students	Prof. Rhaul K. Bawane Sarathak S. Velankar Samir Sharad Kadam	Gesticulations Control Drone	202121036968	16-08-2021	Filed
222	Mech	Staff + Students	Prof. Rhaul K. Bawane Shreyansha D. Bansode Prachi P. Pilwalkar	Offset Drilling Fixture For Cylindrical Object	202121036967	16-08-2021	Filed
223	Mech	Staff + Students	Prof. Rhaul K. Bawane Vishvesh Harugade Abhishek Ambatkar	Spherical Ball Mandible Coupling	202121036966	16-08-2021	Filed
224	Mech	Staff + Students	Prof. Rhaul K. Bawane Nilesh Krishnat Bate Prashant Rohidas Japkar	Primacy Controlled Elevator Operation	202121036965	16-08-2021	Filed



225	Mech	Staff + Students	Prof. Rhaul K. Bawane Chaitanya S. Andure Pranali B. Chaudhari	Automatic Shutdown System For Ignition System On Accident	202121036964	16-08-2021	Filed
226	Mech	Staff + Students	Prof. Rhaul K. Bawane Animesh Sarangi Anmol Awale	Ignition Switch Operated Foot Rest For Bike	202121036986	16-08-2021	Filed
227	Mech	Staff + Students	Prof. Rhaul K. Bawane Pranita Santosh Datir Prachi Borase	Mechanical Linkage Power Generating Shoes	202121036985	16-08-2021	Filed
228	Mech	Staff + Students	Prof. Rhaul K. Bawane Rajat M. Jamkhandi Atharv Chavan	Conveyor Belt Driven Seedling Sowing Machine	202121036977	16-08-2021	Filed
229	Mech	Staff + Students	Prof. Rhaul K. Bawane Swapnil R. Borude Arihant Santosh Jamage	Caterpillar Tracks Drive For Off-Road Vehicles	202121036963	16-08-2021	Filed
230	Mech	Staff + Students	Prof. Rhaul K. Bawane Shaunak Sachin More Vinayak Sonawane	Bike Helmet Audibility Enhancement Air Breath Sliding Windows	202121036978	16-08-2021	Filed
231	Mech	Staff + Students	Prof. Rhaul K. Bawane Hemant Vivek Somnathe Nachiket Dixit	Automatic Synchronized Road Traffic Signals	202121036980	16-08-2021	Filed
232	Mech	Staff + Students	Prof. Rhaul K. Bawane Shubhakant Vasant Hire Aaron C. Kandinathi	Sensitive Zone Automatic Flight Mode Shifter For Cell Phone	202121036959	16-08-2021	Filed
233	Mech	Staff + Students	Prof. Rhaul K. Bawane Chaitanya Kamble Ameya Lohokare	Hot Air Assisted Energy Recovery Heating System	202121036958	16-08-2021	Filed
234	Mech	Staff + Students	Prof. Rhaul K. Bawane Prathamesh S. Saraf Sagar Eknath Mali	Exhaust Gas Fuel Injection	202121036956	16-08-2021	Filed

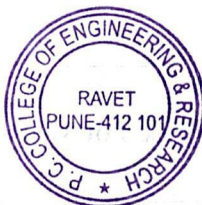


235	Mech	Staff + Students	Prof. Rhaul K. Bawane Bliss Tuscano Alwin James	Exhaust Gas Assisted An Anti-Water Tire Splashes	202121036979	16-08-2021	Filed
236	Mech	Staff + Students	Prof. Rhaul K. Bawane Kishori Sunil Pawar Harshal Vijay Rajput	Fuel Dispensed Quantity Indicator On Vehicle	202121036961	15-08-2021	Filed
237	Mech	Staff + Students	Prof. Rhaul K. Bawane Anway Rajendra Walke Dnyanda Yogesh Patil	Flexible Squeezer Toothpaste Dispenser	202121036953	15-08-2021	Filed
238	Mech	Staff + Students	Prof. Rhaul K. Bawane Deepak Govind Patil Rushikesh Gajanan Pote	Temperature Reducing Curtains	202121036951	15-08-2021	Filed
239	Mech	Staff + Students	Prof. Rhaul K. Bawane Mayur Rajendra Sawant Siddhesh Avinash Patil	Sliding Chin Guard Bike Helmet	202121036950	15-08-2021	Filed
240	Mech	Staff + Students	Prof. Rhaul K. Bawane Sakshi V. Hawaldar Shambhavi Satish Ingale	Bike Rider Weight Actuating Starting System	202121036955	16-08-2021	Filed
241	Mech	Staff + Students	Prof. Rhaul K. Bawane Pavan Navnath Jadhav Shridhar R. Mane	PUC Dashboard Indicator	202121036987	16-08-2021	Filed
242	Mech	Staff + Students	Prof. Rhaul K. Bawane Siddhi C. Mahajan Ameya P. Mahamuni	Autonomous Sanitizer Mobil	202121036948	15-08-2021	Filed
243	Mech	Staff + Students	Prof. Rhaul K. Bawane Pranav Dipak Mali Tushar Sainath Mane	Mechanical Linkage Seedling Sowing Mechanism	202121036947	15-08-2021	Filed
244	Mech	Staff + Students	Prof. Rhaul K. Bawane Dinesh Dewalkar Avishkar V. Humane	Emergency Reserved Engine For Vehicle	202121036945	15-08-2021	Filed

245	Mech	Staff + Students	Prof. Rhaul K. Bawane Atharva K. Dabhade Rutvik R. Deshpande	Voice Command Gear Change Mechanism	202121036960	15-08-2021	Filed
246	Mech	Staff + Students	Prof. Rhaul K. Bawane Vaibhav Popat Bhogade	Automatic Brake Speed Governor	202121036952	15-08-2021	Filed
247	Mech	Staff + Students	Prof. Rhaul K. Bawane Nachiket D. Dixit Pratik Changdeo More	Pathology Analysis Urinal System	202121036944	15-08-2021	Filed
248	Mech	Staff + Students	Prof. Rhaul K. Bawane Amey V. Kulkarni Ashish Ashok Patil	Suction Cap Anti-Skid Footwear	202121036943	15-08-2021	Filed
249	Mech	Staff + Students	Prof. Rhaul K. Bawane Toshal M. Somkuwar Prathamesh S. Zodage	Evaporation Cooling System For Car	202121036941	15-08-2021	Filed
250	Mech	Staff + Students	Prof. Rhaul K. Bawane Vaibhav G. Chandankar	Pre-Heating Fuel Injection Using Exhaust Gas	202121036975	16-08-2021	Filed
251	Mech	Staff + Students	Prof. Rhaul K. Bawane Mrunal M. Khare Roshan F. Waghchaure	Broom Casing With Extensible Handle	202121036962	16-08-2021	Filed

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