



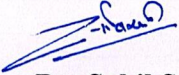
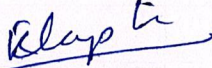
List of Patents

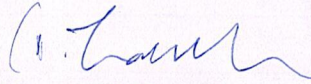
: Patent : Academic Year	No. of Patents (Academic Year and Department)						
	Mechanical	Civil	E&TC	Computer	FE	Other (Library/ Admin etc)	Total
2016/17 & EARLY	40	6	3	5	6	---	60
2017/18	23	8	3	5	3	2	44
2018/19	10	3	---	---	16	---	29
2019/20	25	2	18	6	4	2	57
2020/21	1	5	---	1	3	---	10
2021/22	72	19	17	15	12	1	133
2022/23	1	1	5	2	---	---	09
2023/24	4	5	1	1	---	---	11
Total	176	49	47	35	44	5	353

: Patents :	No. of Patents (Categories)						
	Mechanical	Civil	E&TC	Computer	FE	Other (Library/ Admin etc)	Total
Staff Patents	82	42	30	28	18	4	204
Students Patents	31	5	9	5	7	//	57
Staff + Students Patents	64	2	7	3	16	//	92
Total	177	49	46	36	41	4	353

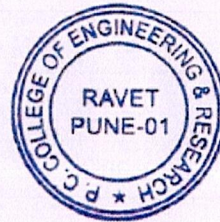
Status of Patents

Granted	Under Examination	Published	Filed	Disposed	Total No. of Patents
36	17	216	5	79	353



Dr. Sahil S. Salvi & Prof. Kiran Napte
IP&C Coordinator


Dr. Harish U. Tiwari
Principal, PCCOER

Principal
Pimpri-Chinchwad College of Engineering & Research
Laxminagar, 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 March. 2024)
1	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A system for cooling using Engine Exhaust Heat	2752/MUM/2011	Oct. 2011	23/05/2014
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	22/04/2020
3	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A system for reduction of weight of school bag	3749/MUM/2013	Nov. 2013	30/12/2021
4	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	An alteration in television and its remote control to make easy search of remote control	2105/MUM/2014	June 2014	25/07/2014
5	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A white board marker for smooth writing on inclined plane	1464/MUM/2014	Apr. 2014	20/11/2015
6	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A water cooling system using two wheeler exhaust	1463/MUM/2014	Apr. 2014	20/11/2015
7	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A system for reduction of puncture in two wheeler	1465/MUM/2014	Apr. 2014	20/11/2015
8	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	Refrigerator with instant cooling system	452/MUM/2015	Feb. 2015	19/08/2016
9	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A compact internal combustion engine with charge comprising of liquid O ₂ and fuel	454/MUM/2015	Feb. 2015	19/08/2016
10	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	19/08/2016
11	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A time scale (indicator) on writing pen	864/MUM/2015	Mar. 2015	23/09/2016
12	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	A two wheeler vehicle with dual side stand	866/MUM/2015	Mar. 2015	23/09/2016
13	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	Automatically operated foot rest in two wheeler	2955/MUM/2015	05/08/2015	10/02/2017

14	Mechanical	Student	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	19/08/2016
15	Mechanical	Student	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	26/08/2016
16	Mechanical	Student	Shrenik Jain Vinayak Endgallu	Multi Function Pen Consisting Of Inbuilt Paper, Advanced Punching System, Advanced Stappler, Glue.	201621025532	26/07/2016	19/08/2016
17	Mechanical	Student	Omkar Sinde	Protective Film For Helmet Visor Which Is Water Repellent And Detachable	201621025506	26/07/2016	19/08/2016
18	Mechanical	Student	Abel Mathew, Kartik Mundase, Ashwin Bhalerao, Ashish Maurya, Kartik Kinge, Shrutika Takalkar, Shrikant Shetty	The Additional Control Unit (ACU) For Automated Speed Control In Required Zones	201621025537	26/07/2016	02/02/2018
19	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	16/09/2016
20	Mechanical	Student	Shubham Suresh Poojary	Heart Rate Sensing Helmet for Safer Driving	201621025788	28/07/2016	02/02/2018
21	Mechanical	Student	Indrajeet Rajendra Khandait	Use of Electromagnet in an Engine To Increase The Power Production With Less Piston/Cylinder Friction	201621026222	01/08/2016	26/08/2016
22	Mechanical	Student	Shubham S. Bahir Akshay D. Ranpise	A Dual Hydraulic Seat Lifter For Moped	201621026326	02/08/2016	16/09/2016
23	E&TC	Student	Priyanshu Kukkar	Smart Slipper with Weight Sensor, Clock with Stop Watch, Weather Sensor and Bluetooth	201621026952	08/08/2016	26/08/2016
24	Mechanical	Staff	Prof. Rahul Krishnaji Bawane	Motorcycle Helmet Having Sliding Chin Guard With Helmet Locking To Mirror Rod	201621026956	08/08/2016	26/08/2016
25	Mechanical	Staff	Prof. Jayashri V. Chopade	Sensor Operated Automatic Ink Stamping Machine	370747	30/06/2021	30/06/2021
26	Mechanical	Student	Aditya Sudhir Yadav	Advance Rain Water Utilization Method Using Digital Control System	201621027009	08/08/2016	01/12/2023
27	Mechanical	Student	Indrajeet Rajendra Khandait	The System Which Separates Steam And Water	201621027008	08/08/2016	26/08/2016

				From Moist Steam			
28	Civil	Student	Onkar Indalkar Akshaykumar Kacha	Laser Assembly Used For Surveyor's Tripod Centering	201621027266	08/08/2016	02/09/2016
29	Computer	Student	Nolesh P. Warke Akshay D. Ranpise	Conveniently Unfolding of Laptop	201621027637	12/08/2016	30/09/2016
30	Computer	Student	Siddharth V. Bhandarkar	DNA Database & Crime Investigation Operation	201621027962	17/08/2016	14/07/2020
31	Mechanical	Student	Jay Nagnath Itkal	The Rotary Jaw Chuck	201621028921	25/08/2016	16/09/2016
32	Mechanical	Student	Parimal Shankar Kore Manish Vinayak Kude	Buzzer Indicator System For Headlight On During Daytime	201621029851	01/09/2016	16/09/2016
33	Mechanical	Staff	Prof. Rahul Krishnaji Bawane Prof. Jayashri V. Chopade	Pressurized Ink Ball Pen Refill Employing Magnetic Repulsion Force	201621029856	01/09/2016	16/09/2016
34	Mechanical	Student	Chetan Ramesh Ingale	Electric Meter with Smartcard	201621030633	08/09/2016	23/09/2016
35	Mechanical	Student	Ashish Chandrashekhar Shinde	Automated Tyre Puncture Protection and Tyre Cleaning System when Vehicle is Running Simultaneously	201621030635	08/09/2016	23/09/2016
36	Civil	Student	Shubham Satish Kulkarni	Plasto Fly Ash Brick	201621030816	09/09/2016	23/09/2016
37	Civil	Staff	Anand Basavraj Kudoli Sudarshan S. Bobade	Innovative and Efficient Logistic System for Sugar Industries	201621030821	09/09/2016	23/09/2016
38	Mechanical	Student	Shreekant Rakesh Shukla	Automatic Opening of Laptop Lid Using Toggle Switch	201621031258	14/09/2016	16/03/2018
39	Mechanical	Student	Ronak P. Hariya Suridha G. Chakraborty	Electrically Adjustable Mirrors in Two Wheelers using a Switch	201621031839	19/09/2016	30/09/2016
40	Civil	Staff	Anand Basavraj Kudoli Sudarshan S. Bobade	Innovating and Efficient Smart Calculator with Unit System	201621032482	23/09/2016	07/10/2016
41	Civil	Student	Kulkarni Shubham Parade Vaibhav Hasabe Reshma	River Sweeping Arm (River Cleaning System With Screening, Chlorination & Aeration)	201721001069	11/01/2017	20/01/2017

			Gadekar Priyanka.				
42	Mechanical	Student	Omkar V. Deshpande Tejas K. Bodke	Fin Based Preheating of the Catalytic Converter	201721001280	12/01/2017	27/01/2017
43	FE	Student	Suraj Balasaheb Satav	An Alteration In Screwdriver To Make It Easy To Grip And Apply More Torque	201721002438	23/01/2017	27/07/2018
44	FE	Student	Vivek Padmakar Mahajan	Computer Mouse Containing Fingerprint Sensor For Detecting Password And User Id Of User	201721009976	22/03/2017	07/04/2017
45	Mechanical	Staff	Rahul Krishnaji Bawane	Vacuum Water Evaporation And Humidification Air Cooling System For Car In Dry & Hot Climate	201721009979	23/03/2017	28/09/2018
46	Mechanical	Student	Sushmita Sanjay Shinde	Safety Indicator For Personal Protective Equipment's (PPE)	201721011307	30/03/2017	05/10/2018
47	FE	Student	Shreyash Sanjay Pimpalshende	A Smart Switching System For Electrical Appliances To Prevent The Wastage Of Electricity	201721011569	31/03/2017	07/04/2017
48	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	05/05/2017
49	FE	Staff	Priya Balkrishana Oghe	Mobile Self/Charging Using Piezo Electric Cell	201721012868	11/04/2017	05/05/2017
50	Civil	Student	Nitin P. Mate	Reuse of Organic Waste as a Compost	201721016502	11/05/2017	-
51	Computer	Staff	Sonali Lunawat	An Alteration In Pen To Apply Whitener And Write Simultaneously	201721013554	17/04/2017	05/05/2017
52	Computer	Staff	Sonali Lunawat	An Improved Multipurpose Pen	201721013555	17/04/2017	29/02/2024
53	FE	Student	Nikhil Sugriv Mallah	Liquid Based Cleaning Aid	201721012370	06/04/2017	21/04/2017
54	Computer	Staff	Ompriya Kale	Individual Carbon Footprint Calculation And Tax Charging System For Sustainable Environment	201721014007	20/04/2017	12/05/2017
55	E&TC	Staff	C. A. Bhavsar, K. B. Wane	Smart Mobile Universal Charger With Different Current Ratings	201721016665	12/05/2017	16/11/2018
56	E&TC	Staff	A. A. Tekade	Advanced Switch Module For Efficient Mobile	201721016767	12/05/2017	16/11/2018

				Charging			
57	Mechanical	Student	Akshay Kolgiri Deepak Hole Shubham Yadav	Automatic Lubrication System for Fifth Wheel of Tractor and Semi/Trolley	201721022975	30/06/2017	21/07/2017
58	Mechanical	Student	Akshay Kolgiri Deepak Hole Shubham Yadav	Space Cooling and Heating System works on Peltier Effect using Solar Energy	201721023030	30/06/2017	04/01/2019
59	Mechanical	Student	Shubham Yadav	Generation of Electrical Energy using Piezo/Electric Setup inside the Automobile Tyres	201721022991	30/06/2017	04/01/2019
60	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	25/01/2019
61	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	01/02/2019
62	Mechanical	Student	Vivek Padmakar Mahajan	Foldable Drafter with Foldable Scale	201721026850	28/07/2017	01/02/2019
63	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	15/09/2017
64	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	08/02/2019
65	Civil	Staff	Amar Devendra Shitole	A Space and Cost Effective Structure of Ear Bud	201721027982	07/08/2017	08/02/2019
66	Library	Staff	Rupali Sonawane	Book Content Reorganization By Human Touch	201721030264	28/08/2017	01/03/2019
67	Mechanical	Student	Deven Prashant Padale	Brakes Containing Integrated Circuit (Ic),	201721032161	12/09/2017	29/09/2017

				Switch For Switching On Indicator In Moped			
68	Mechanical	Staff	Rahul Krishnaji Bawane Priyanka Chavan Rupali Patil	Speed governing by automatic braking system for automobiles	201721032364	13/09/2017	15/03/2019
69	Mechanical	Student	Rahul Krishnaji Bawane Ronak Hariya Kiran Hande Suhrida Chakarborty	Fuel heating before injector using exhaust gas for diesel engine	201721032362	13/09/2017	15/03/2019
70	Computer	Student	Siddharth Bhandarkar, Aditya Bankar, Sivkumar Iyer	Automatic Tyre Lock System	201721032368	13/09/2017	29/09/2017
71	FE	FE Mech Student	Pradnesh Bajarang Mane	Intermediate Extension Plat for Butt Plate Assembly	201721033905	25/09/2017	29/03/2019
72	FE	FE Mech Student	Pradbtesg Bajarang Mane	Adoptive Plate for Extension of Butt Plate Assesmbly	201721033908	25/09/2017	29/03/2019
73	Mechanical	Staff	Rahul Krishnaji Bawane Sneha V. Pavade Aniket S. Deshmukh	Voice Recognized Gear Shifting For Automobile	201721038390	30/10/2017	03/05/2019
74	E&TC	Staff	Rahul Mapari	An Intelligent Audio Visual Bullet Counting Firearms	201721038387	30/10/2017	-
75	Principal	Principal	Dr. Harish U. Tiwari	A system of Seat For Prevention From Accidents Caused By Movement By Inertia	201721038392	30/10/2017	03/05/2019
76	Mechanical	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	10/05/2019
77	Mechanical	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	17/05/2019
78	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	Slipper with Vacuum Cup in Heel	201721040069	10/11/2017	17/05/2019

			Subhmma N. Bahirbona Jayamma Shukla				
79	Computer	Student	Nidhi Raju Hegade Pratik Narayan Kedekar	A Keyboard with Ultrasonic Fingerprint Circuitary	201721040919	16/11/2017	01/12/2017
80	Civil	Staff	Gajanan Supe Mayura Yeole	Permanent Solution On The Leakage Of Water From Plant Pots	201721041379	20/11/2017	24/05/2019
81	Civil	Staff	Gajanan Supe Sudarshan Bobade Shreedhar Sharanappa	Smart And Innovative Lid To Avoid Spillage Of Milk	201721041383	20/11/2017	24/05/2019
82	Civil	Staff	Gajanan Supe	Innovative System To Improve The Settling Of Sediments In The Water Storage Tank	201721041382	20/11/2017	24/05/2019
83	Civil	Staff	Gajanan Supe	Bed Sheet Or Blanket Directions Indicator	201721041393	20/11/2017	24/05/2019
84	Civil	Staff	Gajanan Supe	Innovative Technique To Improve Suspension In Two Wheeler Seat	201721041388	20/11/2017	24/05/2019
85	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	05/07/2019
86	E&TC	Staff	Rahul Mapari	A smart Digital Stapler	201821002806	24/01/2018	09/02/2018
87	Mechanical	Staff + Students	Priyank Chavan Ashwin Bhalerao, Ashish Maurya Rucha Bhalerao	The Vertical Axis Wind Turbine Powered Hybrid Car	201821004186	05/02/2018	09/08/2019
88	Mechanical	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	23/08/2019
89	Mechanical	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	23/08/2019
90	Mechanical	Staff + Students	Rahul Krishnaji Bawane Jayashre Vitthal Chopade	Fuel Injection Assisted By Recirculation Of Exhaust Gas And Dilution Of Intake Charge	201821012914	05/04/2018	11/10/2019

			Ronak Paresh Hariya Kiran Vilas Hande				
91	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	Profile and Tools used for the Pottery Production	496685	05/04/2018	09/01/2024
92	Mechanical	Principal	Prof. Dr. Harish U. Tiwari	Human Powered Pedal Mechanism for Potter's Wheel	495957	05/04/2018	08/01/2024
93	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	11/10/2019
94	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	18/10/2019
95	Mechanical	Staff	Prof. Sham Mankar	Mechanical Properties Enhancement in Gas Metal Arc Welding Joints of Aluminium Alloys Using Copper Base Plates	404637	20/04/2018	26/08/2022
96	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	29/11/2019
97	Civil	Staff + Students	Prof. P H Chivhane VB Khamgal SR Darwade OA Jadhav AD Kilkile	Reuse the Waste Water using Emerging Technique of Sewage Treatment	201821020665	01/06/2018	-
98	Mechanical	Non/Teaching	Jagdish J. Palve Ganesh B. Jawalkar Sunil S. Yewale	Automatic Mobile Flight Mode System for Vehicle Driver	201821023309	22/06/2018	06/07/2018
99	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	03/08/2018
100	Civil	Student	S. S. Yewale	Fixing road surface potholes by metal sheet and spikes	201821004544	07/02/2018	-
101	Mechanical	Staff + Students	Prof. Sukhadip M. Chougule Akshay H. Borse Vaibhav S. Chaudhari	Helical Gear Arrangement to Operate Fluid Spraying Machine	201721010382	24/03/2017	07/04/2017

			Aniket K. Kamble				
102	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	28/09/2018
103	Mechanical	Staff + Students	Prof. Sukhadip M. Chougule Akshay H. Borse Vaibhav S. Chaudhari Mahesh D. Dakhare	Modified Structure Legs	201721010388	24/03/2017	28/09/2018
104	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	03/07/2020
105	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	03/07/2020
106	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	03/07/2020
107	Mechanical	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	09/05/2023
108	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	03/07/2020
109	FE	Staff + Students	Prof. Rahul Krishnaji Bawane AS Vallal	Pneumatic Pressure Operated Hose Clamp	201821049586	28/12/2018	03/07/2020

			AS More AA Thorat AG Phalke				
110	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	03/07/2020
111	Mechanical	Staff + Students	Prof. Rahul Krishnaji Bawane HT Mahajan A Nagrale PS Narkhede SC Sardar	Mechanical Linkage Operated Mudguard Extension For Two Wheeler Motor Vehicle	495645	28/12/2018	08/01/2024
112	FE	Staff + Students	Prof. Rahul Krishnaji Bawane PR Vitthaladas VR Waladkar RG Pawar AS Chordiya	Non/Newtonian Fluid Shoe Cushioning And Shock Absorbing	201821049593	28/12/2018	03/07/2020
113	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	03/07/2020
114	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	03/07/2020
115	FE	Staff + Students	Prof. Rahul Krishnaji Bawane AK Raskar SS Rajput OV Salunke TS Pawar	Tire Wear Out Warning Visual Indicator	201821049603	28/12/2018	03/07/2020
116	FE	Staff + Students	Prof. Rahul Krishnaji Bawane PD Singh	Hand Held Stapler With Stapler Lock	201821049606	28/12/2018	03/07/2020

			UA Raj PH Pawar PC Patil				
117	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	03/07/2020
118	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	03/07/2020
119	Mechanical	Principal	Dr. Harish U. Tiwari	Cooling Device with Unit of Coolness	201921007181	25/02/2019	28/08/2020
120	Mechanical	Principal	Dr. Harish U. Tiwari	Fan with system of Timer and Wetness Sensor to Control the Power of Fan	201921007182	25/02/2019	28/08/2020
121	Mechanical	Principal	Dr. Harish U. Tiwari	A Mixer Grinder with system of Function Keys of Various Food Items and Timer	201921007183	25/02/2019	28/08/2020
122	FE	Staff + Students	Prof. Rahul Krishnaji Bawane AS Patil Ayush S. Patil RK Patil PA singhan	Centrifugal Force Operated Ceiling Fan Blade Cleaning Attachment	201821049613	28/12/2018	25/12/2020
123	Mechanical	Principal	Dr. Harish U. Tiwari	Universal Charging for mobile phones	201821038363	Dec. 2018	17/04/2020
124	Mechanical	Principal	Dr. Harish U. Tiwari	Automatic mute system and method in broadcasting devices	201921002560	January 2019	21/01/2023
125	Mechanical	Principal	Dr. Harish U. Tiwari	Writing instrument with moistened pad.	201921000593	January 2019	April 2023
126	Mechanical	Principal	Dr. Harish U. Tiwari	Device and method for defining unit of coolness	201921015111	April 2019	30/03/2023
127	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	04/12/2020

128	Mechanical	Student	Pritam D. Desai	Alteration in Mobile charger with heat level and charging percentage indicator on the charger	201921044975	06/11/2019	01/12/2023
129	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Drinking Water Cooler To Reduce Water Wastage And Energy Conservation.	201921047772	22/11/2019	28/05/2021
130	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Weight Indicator In Seating Arrangement	201921047773	22/11/2019	28/05/2021
131	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For The Measurement And Indication Of Weight In Elevators	201921047774	22/11/2019	28/05/2021
132	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	28/05/2021
133	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Drinking Water Cooler For The Enhancement Of Performance	201921047776	22/11/2019	28/05/2021
134	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For The Measurement And Indication Of Time With Rotating Dial	201921047777	22/11/2019	28/05/2021
135	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Tube To Remove The Inside Stored Material	201921047778	22/11/2019	28/10/2022
136	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Minimization Of Wastage Of Soap	201921047779	22/11/2019	28/05/2021
137	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Cutting Zigzag Edges On Strips	201921047780	22/11/2019	03/06/2022
138	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For The Identification And Judgment For Music Composer	201921047787	22/11/2019	03/06/2022
139	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	System And Method For Retrieving A Lost Mobile Phone Based On Voice Signals	201921047789	22/11/2019	03/06/2022
140	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	An Integrated Keypad With Mouse For Computer	201921047790	22/11/2019	30/07/2021
141	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For End Finding And Tape Cutting For Adhesive Cello Tapes	201921047791	22/11/2019	22/04/2022
142	Mechanical	Principal (Staff)	Dr. Harish U. Tiwari	A System For Smooth Ironing As Per Fabric Requirements	201921047792	22/11/2019	28/05/2021

143	Mechanical	Non Teaching Staff	Bhagyshree Bhosale	An alarming system for mishandling of equipments	201921052339	17/12/2019	18/06/2021
144	Mechanical	Staff	Prof. Tejal Patil Prof. Sneha Pawade Prof. Jayashri Chopade Prof. Rupali Patil Prof. Priyanka Chavan	PUC Expiry Indicator	201921052238	17/12/2019	17/06/2022
145	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	18/06/2021
146	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	30/07/2021
147	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	18/06/2021
148	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	18/06/2021
149	Library	Staff	Rupali Sonawane	Book Record System in Reference section of library	201921052250	17/12/2019	28/10/2022
150	Mechanical	Staff	Jayashri V. Chopade	Chhopping guard to avoid injury of Human fingers	201921052247	17/12/2019	30/07/2021
151	Civil	Staff	Mayura Yeole	Innovative Pipette for Suction of Large volume of liquid without formation of bubbles	201921052221	17/12/2019	18/06/2021
152	Mechanical	Staff	Tejal Patil Sneha Pawade Jayashri Chopade Rupali Patil Priyanka Chavan	Puc Expiry Indicator	201921052238	17/12/2019	17/06/2022

153	E&TC	Supporting Staff	Mrs.Ashwini Rakesh Jagnade	Aquatic Wall Garden	201921052327	17/12/2019	18/06/2021
154	Mechanical	Supporting Staff	Mrs. Bhagyashree Appasaheb Bhosale	An Alarming System For Mishandling Of Equipments	201921052339	17/12/2019	18/06/2021
155	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	18/06/2021
156	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	18/06/2021
157	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	18/06/2021
158	E&TC	Staff	V.S.Kumbhar Arti Tekade M.S.Andhare	Water Bottle with Storage Container	201921052362	17/12/2019	18/06/2021
159	E&TC	Staff	Rupali Kawade Triveni Dhamale Dipali Dhake Bhagyashree Gawali Snehal Gholap	An efficient vehicle registration number recognition system	201921052302	17/12/2019	18/06/2021
160	E&TC	Staff	Triveni Dhamale Rupali Kawade Dipali Dhake Bhagyashree Gawali Snehal Gholap	Advanced Onion Storage System	201921052356	17/12/2019	18/06/2021
161	E&TC	Staff	Dipali Dhake Triveni Dhamale Rupali Kawade Bhagyashree Gawali Snehal Gholap	Multipurpose Hairbelt for Hair style	201921052353	17/12/2019	18/06/2021

162	Admin	Staff	Rajashree Nilesh Darwatkar	A System for Automatic Fan speed control in accordance with room temperature.	201921052326	17/12/2019	18/06/2021
163	E&TC	Staff & student	Arti tekade Swamini lohkare Rupali patil Prajakta patil	Secured ATM system	201921052301	17/12/2019	18/06/2021
164	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	18/06/2021
165	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	18/06/2021
166	E&TC	Student	Shubhangi Sambare Keta Patel	Extensible Sun Visor To Obstacle Sun Rays From The Centre Portion Of The Wind Shield Of Vehicle	201921052253	17/12/2019	07/04/2023
167	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	18/06/2021
168	E&TC	Staff + Students	Prof. T. Dhamale, Prof. R. Kawade, N. Chavan and C. Chitns	Underwater image and signal processing	201921052273	17/12/2019	18/06/2021
169	E&TC	Student	Mayuri Warade, Sojwal Patil, Aishwarya Zodge	Smart Classroom with Automatic Attendance System	201921052277	17/12/2019	18/06/2021
170	E&TC	Student	Siddhi Sawant, Shweta Jagtap	Library Automation Using Computer Vision	201921052293	17/12/2019	18/06/2021
171	Computer	Staff	Prof. Dr. Archana Chougule	Fertilizometer	201921052319	17/12/2019	18/06/2021
172	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	18/06/2021
173	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	18/06/2021

174	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	18/06/2021
175	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	18/06/2021
176	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	18/06/2021
177	FE	Staff	Prof. Jyoti Pai	Pouched Thermostatic Apparatus to Store Packets of Beverages in its Folds	201921052388	17/12/2019	18/06/2021
178	FE	Staff	Prof. Sonali Kanase	Retrofit Mechanism for Flow Control in Flush Tanks of Toilets	201921052218	17/12/2019	18/06/2021
179	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	18/06/2021
180	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	18/06/2021
181	E&TC	Student	Jiyot Babrah, Shweta Narkhede, Anagha Navale	Automatic Waste Segregation and Monitoring System	201921052279	17/12/2019	18/06/2021
182	Computer	Staff	Prof. V. P. Latke	A Sensing Device to Auto Switch/Off the Domestic water Purifier	201921052321	17/12/2019	18/06/2021
183	Computer	Staff	Prof. Dr. Archana Chougule	System for Seed Testing	348962	09/10/2020	-
184	Civil	Staff	Prof. Sudarshan S. Bobade	ISUAV/Woman Security: Intelligent Woman Security Using Streetlight and Auto Run Unmanned Aerial Vehicle Using IOT/ Based Technology	2020102989	23/10/2020	2020102989
185	Civil	Staff	Prof. Sudarshan S. Bobade	Movements/shifts/displacements monitoring SMART box of Earth Retaining Structures in Landslides Mitigation	2020103096	29/10/2020	2020103096
186	Civil	Staff	Prof. Sudarshan S. Bobade	Precast Karmaveer Bandhara	202021050661	20/11/2020	-

187	Civil	Staff	Prof. Sudarshan S. Bobade	Storm Drain Grate to Prevent Entry of Floating Debris / Trash / Material / Litter	202011046925	28/10/2020	-
188	Mechanical	Student	Atharav Kallappa Chougule	Exhaust Gas Assisted Heating System for Two Wheeler Rider Jacket	202021002060	17/01/2020	23/07/2021
189	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	08/09/2023
190	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	07/04/2023
191	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	-
192	Civil	Staff	Prof. A. B. Kudoli	Economic and Efficient Curing of Column with Curing Pad	201921017076	30/04/2019	06/11/2020
193	FE	Staff	Prof. Sandeep S. Borgaonkar, Prof. Mahesh Sarada, Prof. Tushar Gaikwad, Prof. Prof. Sachin Varpe, Prof. Shital Patil, Prof. Priya Oghe	Automated Vending Machine for Public Distribution system	202121021413	12/05/2021	18/11/2022
194	FE	Staff	Prof. Deepshikha Shrivastava	Cleaning and Dust Collection Mechanism from Door Mate	202121023622	27/05/2021	-
195	Mechanical	Staff + Students	Prof. Rahul K. Bawane Devang Dhekane Aditi Ingle	Hinged And Extensible Car Flap To Shade Eyes From The Glare Of Sunlight	202121036946	15/08/2021	17/02/2023
196	Mechanical	Staff + Students	Prof. Rahul K. Bawane Sagar Patil Shivam Patil	Weight Sensor Operated Footrest	202121037009	16/08/2021	17/02/2023
197	Mechanical	Staff + Students	Prof. Rahul K. Bawane Akshay A. Pattanshetti Rutuja R. Suryawanshi	Mechanical Ring Hose Fastener	202121037011	16/08/2021	17/02/2023
198	Mechanical	Staff + Students	Prof. Rahul K. Bawane Omkar Vijay Salunke Esha Vishnu Laute	Air Pressure Operated Hose Fastener	202121036999	16/08/2021	17/02/2023
199	Mechanical	Staff + Students	Prof. Rahul K. Bawane Sakshi Arali	Taper Surface Drilling Fixture	202121036998	16/08/2021	17/02/2023

			Anushka Dusane				
200	Mechanical	Staff + Students	Prof. Rahul K. Bawane Raunak M. Sarmane Shriniwas C. Tonape	Adjustable Parallel Line Drawing Instrument	202121036997	16/08/2021	17/02/2023
201	Mechanical	Staff + Students	Prof. Rahul K. Bawane Sharad Umate Ashish Pawar	Foot Pedals Force Conversion To Electrical Energy	202121036996	16/08/2021	17/02/2023
202	Mechanical	Staff + Students	Prof. Rahul K. Bawane Mrudula Dhamane Vivek Gurav	Paper Pinning Cum Punching Machine	202121036995	16/08/2021	17/02/2023
203	Mechanical	Staff + Students	Prof. Rahul K. Bawane Akanksha Bagad Chinmaya Dhake	Pivoting Latch Pinning Stapler	202121036994	16/08/2021	17/02/2023
204	Mechanical	Staff + Students	Prof. Rahul K. Bawane Muskan Tamboli Mayuri Shembade	Color Coding For Tire Wear Rate	202121036992	16/08/2021	17/02/2023
205	Mechanical	Staff + Students	Prof. Rahul K. Bawane Shivam P. Vishwakarma Suraj S. Vishwakarma	Adjustable Hinged Lever Compass Drawing Instrument	202121036990	16/08/2021	17/02/2023
206	Mechanical	Staff + Students	Prof. Rahul K. Bawane Shreyansh S. Jagtap Shirin Mehboob Patel	Mechanical Linkages Automatic Cleaning Of Ceiling Fan	202121037002	16/08/2021	17/02/2023
207	Mechanical	Staff + Students	Prof. Rahul K. Bawane Aditya Madeshwar Joshua Manuel	Headlight Upper/Dipper Automatic Shifter	202121036988	16/08/2021	17/02/2023
208	Mechanical	Staff + Students	Prof. Rahul K. Bawane Aniket More Vedant Pagar	Fluid Cushioning Sport Shoe	202121036993	16/08/2021	17/02/2023
209	Mechanical	Staff + Students	Prof. Rahul K. Bawane Akanksha Y. Shete Shinde M. Dashrath	Fluid Pressure Operated Clutch Pen	202121036989	16/08/2021	17/02/2023
210	Mechanical	Staff + Students	Prof. Rahul K. Bawane Abhijeet D. Kulkarni Aditya G. Telharkar	Automatic Extraction Guard For Bike Front Wheel To Arrest Mud/Water Spillage	202121036973	16/08/2021	17/02/2023
211	Mechanical	Staff + Students	Prof. Rahul K. Bawane Gaurav Bharat Patil Ashvina K. Gawande	Waste Heat Recovery Of Vehicle Exhaust To Generate Plastic Fuel	202121036972	16/08/2021	17/02/2023
212	Mechanical	Staff + Students	Prof. Rahul K. Bawane Yashraj P. Kamble Sanket C. Lokhande	Pollution Under Control (PUC) Alert	202121036971	16/08/2021	17/02/2023
213	Mechanical	Staff + Students	Prof. Rahul K. Bawane Mayur B. Kachare	Automatic Adjustment Of Rear/View Mirrors	202121036970	16/08/2021	17/02/2023

			Yuvraj Mallesh Lomate				
214	Mechanical	Staff + Students	Prof. Rahul K. Bawane Nakul Shyam Raut Pranay Dnyandeo Ingle	Magnetic Force Anti/Gravity Ball Pen Refill	202121036969	16/08/2021	17/02/2023
215	Mechanical	Staff + Students	Prof. Rahul K. Bawane Sarthak S. Velankar Samir Sharad Kadam	Gesticulations Control Drone	202121036968	16/08/2021	17/02/2023
216	Mechanical	Staff + Students	Prof. Rahul K. Bawane Shreyansha D. Bansode Prachi P. Pilwalkar	Offset Drilling Fixture For Cylindrical Object	202121036967	16/08/2021	17/02/2023
217	Mechanical	Staff + Students	Prof. Rahul K. Bawane Vishvesh Harugade Abhishek Ambatkar	Spherical Ball Mandible Coupling	202121036966	16/08/2021	17/02/2023
218	Mechanical	Staff + Students	Prof. Rahul K. Bawane Nilesh Krishnat Bate Prashant Rohidas Japkar	Primacy Controlled Elevator Operation	202121036965	16/08/2021	17/02/2023
219	Mechanical	Staff + Students	Prof. Rahul K. Bawane Chaitanya S. Andure Pranali B. Chaudhari	Automatic Shutdown System For Ignition System On Accident	202121036964	16/08/2021	17/02/2023
220	Mechanical	Staff + Students	Prof. Rahul K. Bawane Animesh Sarangi Anmol Awale	Ignition Switch Operated Foot Rest For Bike	202121036986	16/08/2021	17/02/2023
221	Mechanical	Staff + Students	Prof. Rahul K. Bawane Pranita Santosh Datir Prachi Borase	Mechanical Linkage Power Generating Shoes	202121036985	16/08/2021	17/02/2023
222	Mechanical	Staff + Students	Prof. Rahul K. Bawane Rajat M. Jamkhandi Atharv Chavan	Conveyor Belt Driven Seedling Sowing Machine	202121036977	16/08/2021	17/02/2023
223	Mechanical	Staff + Students	Prof. Rahul K. Bawane Swapnil R. Borude Arihant Santosh Jamage	Caterpillar Tracks Drive For Off/Road Vehicles	202121036963	16/08/2021	17/02/2023
224	Mechanical	Staff + Students	Prof. Rahul K. Bawane Shaunak Sachin More Vinayak Sonawane	Bike Helmet Audibility Enhancement Air Breath Sliding Windows	202121036978	16/08/2021	17/02/2023
225	Mechanical	Staff + Students	Prof. Rahul K. Bawane Hemant Vivek Somnathe Nachiket Dixit	Automatic Synchronized Road Traffic Signals	202121036980	16/08/2021	17/02/2023
226	Mechanical	Staff + Students	Prof. Rahul K. Bawane Shubhakant Vasant Hire Aaron C. Kandinathi	Sensitive Zone Automatic Flight Mode Shifter For Cell Phone	202121036959	16/08/2021	17/02/2023
227	Mechanical	Staff + Students	Prof. Rahul K. Bawane Chaitanya Kamble	Hot Air Assisted Energy Recovery Heating System	202121036958	16/08/2021	17/02/2023

			Ameya Lohokare				
228	Mechanical	Staff + Students	Prof. Rahul K. Bawane Prathamesh S. Saraf Sagar Eknath Mali	Exhaust Gas Fuel Injection	202121036956	16/08/2021	17/02/2023
229	Mechanical	Staff + Students	Prof. Rahul K. Bawane Bliss Tuscano Alwin James	Exhaust Gas Assisted An Anti/Water Tire Splashes	202121036979	16/08/2021	17/02/2023
230	Mechanical	Staff + Students	Prof. Rahul K. Bawane Kishori Sunil Pawar Harshal Vijay Rajput	Fuel Dispensed Quantity Indicator On Vehicle	202121036961	15/08/2021	17/02/2023
231	Mechanical	Staff + Students	Prof. Rahul K. Bawane Anway Rajendra Walke Dnyanda Yogesh Patil	Flexible Squeezer Toothpaste Dispenser	202121036953	15/08/2021	17/02/2023
232	Mechanical	Staff + Students	Prof. Rahul K. Bawane Deepak Govind Patil Rushikesh Gajanan Pote	Temperature Reducing Curtains	202121036951	15/08/2021	17/02/2023
233	Mechanical	Staff + Students	Prof. Rahul K. Bawane Mayur Rajendra Sawant Siddhesh Avinash Patil	Sliding Chin Guard Bike Helmet	202121036950	15/08/2021	17/02/2023
234	Mechanical	Staff + Students	Prof. Rahul K. Bawane Sakshi V. Hawaldar Shambhavi Satish Ingale	Bike Rider Weight Actuating Starting System	202121036955	16/08/2021	17/02/2023
235	Mechanical	Staff + Students	Prof. Rahul K. Bawane Pavan Navnath Jadhav Shridhar R. Mane	PUC Dashboard Indicator	202121036987	16/08/2021	17/02/2023
236	Mechanical	Staff + Students	Prof. Rahul K. Bawane Siddhi C. Mahajan Ameya P. Mahamuni	Autonomous Sanitizer Mobil	202121036948	15/08/2021	17/02/2023
237	Mechanical	Staff + Students	Prof. Rahul K. Bawane Pranav Dipak Mali Tushar Sainath Mane	Mechanical Linkage Seedling Sowing Mechanism	202121036947	15/08/2021	17/02/2023
238	Mechanical	Staff + Students	Prof. Rahul K. Bawane Dinesh Dewalkar Avishkar V. Humane	Emergency Reserved Engine For Vehicle	202121036945	15/08/2021	17/02/2023
239	Mechanical	Staff + Students	Prof. Rahul K. Bawane Atharva K. Dabhade Rutvik R. Deshpande	Voice Command Gear Change Mechanism	202121036960	15/08/2021	17/02/2023
240	Mechanical	Staff + Students	Prof. Rahul K. Bawane Vaibhav Popat Bhogade	Automatic Brake Speed Governor	202121036952	15/08/2021	17/02/2023
241	Mechanical	Staff + Students	Prof. Rahul K. Bawane Nachiket D. Dixit	Pathology Analysis Urinal System	202121036944	15/08/2021	17/02/2023

			Pratik Changdeo More				
242	Mechanical	Staff + Students	Prof. Rahul K. Bawane Amey V. Kulkarni Ashish Ashok Patil	Suction Cap Anti/Skid Footwear	202121036943	15/08/2021	17/02/2023
243	Mechanical	Staff + Students	Prof. Rahul K. Bawane Toshal M. Somkuwar Prathamesh S. Zodage	Evaporation Cooling System For Car	202121036941	15/08/2021	17/02/2023
244	Mechanical	Staff + Students	Prof. Rahul K. Bawane Vaibhav G. Chandankar	Pre/Heating Fuel Injection Using Exhaust Gas	202121036975	16/08/2021	17/02/2023
245	Mechanical	Staff + Students	Prof. Rahul K. Bawane Mrunal M. Khare Roshan F. Waghchaure	Broom Casing With Extensible Handle	202121036962	16/08/2021	17/02/2023
246	Civil	Staff	Prof. Dr. Sameer. S. Sawarkar	Accindicator/Vehicle Acceleration Indicator For Road Crossing Pedestrians	202221010508	28/02/2022	01/09/2023
247	Civil	Staff	Prof. S.S.Bobade, Prof. A. D. Shitole, Prof. S. V. Waghmare.	Automated Speed Limit Alert System	202221010507	28/02/2022	01/09/2023
248	Mechanical	Staff	Prof. G. D. Sirskar	Emergency Shutdown Of Ignition System For Bike	202221010562	28/02/2022	01/09/2023
249	Mechanical	Staff	Prof. N. S. Vele	Automobile Silencer With Rotating Wet/ Canvas Water Curtain	202221010543	28/02/2022	01/09/2023
250	Civil	Staff	Prof. S. V. Waghmare, Prof. A. D. Shitole	Collapsible Speed Breakers For Emergency Vehicles	202221010583	28/02/2022	01/09/2023
251	Civil	Staff	Prof. S.A. Pitake, Prof. S. S.Boabde Page	Customized Pen With Hand Sanitizer Gel Dispenser	202221010727	28/02/2022	01/09/2023
252	E&TC	Staff	Prof. Dr. R. G. Mapari, Prof. K. B. Bhangale, Prof. K. M. Napte	Bi/Directional Ac/Dc/Ac Converter For Hybrid/Electric Vehicle	202221010544	28/02/2022	01/09/2023
253	E&TC	Staff+Students	Prof. K. B. Bhangale, Ms. I. Bijwe, Ms. R. Patil, Ms. S.Nemade	Third Eye For blind/Using Raspberry Pi For Visually Impaired	202221010572	28/02/2022	01/09/2023
254	Mechanical	Staff	Prof. R. K. Bawane	Automatic Alteration Of Rearview Side Mirror Position To Eliminate Blind Angle On Turning	202221010547	28/02/2022	01/09/2023
255	E&TC	Student	Mr. T. A. Naik, Mr. M. H. Kope, Mr. A. R. Yawalkar	Automotive Surface Disinfectant Robot With Uv Light Along With Dust Cleaning And	202221010556	28/02/2022	01/09/2023

				Sanitization			
256	Computer	Staff	Prof. V. P. Latke, Prof. M. R. Bodke, Prof. S. A. Koparde	Auto Servicing Alarm For Water Purifier Cartridges /Candles	202221010661	28/02/2022	01/09/2023
257	Computer	Staff	Prof. S. A. Koparde, Prof. M. R. Bodke, Prof. V. P. Latke, Prof. Dr. A. A. Chougule	Automated Ai Makeup Machine	202221010757	28/02/2022	01/09/2023
258	Computer	Staff	Prof. M. R. Bodke, Prof. V. P. Latke, Prof. S. A. Koparde,	Proactive Auto Servicing Alarm For 4/ Wheelers	202221010627	28/02/2022	01/09/2023
259	Computer	Staff	Prof. J. G. Kotwal	Modified Laptop With Less Heat At Base Side	202221010604	28/02/2022	01/09/2023
260	Computer	Staff	Prof. G. R. Suryawanshi	Eye Movement And Interactive Voice Response Based Smart Computer	202221010595	28/02/2022	01/09/2023
261	Computer	Staff+Students	Prof. A. Dumbare, Prof. N. Korade, Prof. V. Kotkar, Ms. F. Wani, Mr. C. Jagtap	An Extension In Small Sized Electronic Gadgets To Make Easy Search Of Them Like Pendrive	202221010733	28/02/2022	01/09/2023
262	Computer	Staff	Prof. S. Lunawat, Prof. M. Badole, Prof. D. Choudhari	Display And Format Unit On Pendrive	202221010856	28/02/2022	01/09/2023
263	Computer	Staff	Prof. V. A. Kotkar, Prof. Dr. A. Chaugule, Prof. A. N. Dumbare	An Automatic Pesticide Sprayer To Detect The Crop Disease And Spraying Only Required Pesticide On Affected Crops	202221010675	28/02/2022	01/09/2023
264	Mechanical	Staff	Prof. Dr. R. K. Rathod, Prof. P. R. Gaikwad, Prof. Dr. S. H. Mankar, Ms. P. R. Rathod	Button Operated Opening And Closing Of Bottle Cap	202221010565	28/02/2022	01/09/2023
265	Mechanical	Staff	Prof. S. M. Chougule	Remote Operated Up And Down Thermal Insulated Ceiling For Reducing Volume Of Hall To Decrease Cooling Load	202221010558	28/02/2022	01/09/2023
266	Computer	Staff	Prof. Dr. A. A. Chougule, Prof. S. Koparde, Prof. G. Suryawanshi, Prof. V. Kotkar	Apparatus To Measure Oil/Dirt Saturation For Cleaning The Kitchen Chimney	202221010587	28/02/2022	01/09/2023
267	Mechanical	Staff	Prof. J. V. Chopade	Hot And Cold Cushion For Temperature Control	202221010546	28/02/2022	01/09/2023
268	Mechanical	Staff	Prof. G. M. Fodase	Harvesting Vibrational Energy Using Regenrative Hybrid Suspension System	202221010579	28/02/2022	01/09/2023
269	Mechanical	Staff	Prof. T. S. Patil	Quick Curd Making Tiffin Box	202221010549	28/02/2022	01/09/2023

270	Computer	Staff	Prof. M. H. Badole, Prof. S. S. Lunawat, Prof. D. N. Chaudhari	Universal Tube/Light Cleaner	202221010612	28/02/2022	01/09/2023
271	Computer	Staff + Students	Prof. M. Salunke, Mr. N. Kulkarni, Mr. H. Yadav	Gesture Control System For Kiosk Machine	202221010649	28/02/2022	01/09/2023
272	E&TC	Staff	Prof. K. B. Bhangale, Prof. Dr. R. G. Mapari, Prof. K. N. Napte	Speech Correction Device For Person With Dysarthria Disorder	202221010561	28/02/2022	01/09/2023
273	E&TC	Staff	Prof. A. A. Tekade	Portable Air Conditioner	202221010552	28/02/2022	01/09/2023
274	E&TC	Staff	Prof. K. M. Napte, Prof. K. B. Bhangale, Prof. Dr. R. G. Mapari	Liver Computer Tomography Image Quality Enhancement Methodology	202221010548	28/02/2022	01/09/2023
275	E&TC	Staff	Prof. K. B. Bhangale, Mr. H. G. Bhosale, Mr. A. S. Mane, Mr. Y. P. Patil	Landslide Detection System Using Iot And Thingspeak	202221010566	28/02/2022	01/09/2023
276	Computer	Staff+Students	Prof. N. Korde, Ms. B. B. Narwade, Ms. F. A. Wani	Crop/Tech/ An Automatic System For Low Temperature Farming	202221010753	28/02/2022	01/09/2023
277	Computer	Staff	Prof. N. Korde, Ms. B. B. Narwade, Ms. F. A. Wani	First To Aid (Anautomatic Traffic Clearance System For Ambulance)	202221010750	28/02/2022	01/09/2023
278	E&TC	Staff	Prof. R. R. Kawade, Prof. T. D. Dhamale, Prof. D. N. Dhake	Assistance To Ensure Safety Of Car By Detecting Windows Open State While Locking	202221010570	28/02/2022	01/09/2023
279	Civil	Staff	Prof. S. S. Salvi, Prof. S. S. Bobade	Smart Disinfection System For Escalator Handrail	202221010617	28/02/2022	01/09/2023
280	Civil	Staff	Prof. A. B. Rahane, Prof. S. S. Bobade, Prof. A. G. Gunjal	An Intelligent Opening Control System For Windows	202221010615	28/02/2022	01/09/2023
281	Civil	Staff	Prof. A. B. Kudoli	Sloping Base Water Storage Tank	202221010592	28/02/2022	01/09/2023
282	Civil	Staff	Prof. R. S. Patil	Automated Water Discharge Unit For Residential Buildings	202221010611	28/02/2022	01/09/2023
283	E&TC	Staff	Prof. V. S. Kumbhar, Prof. A. A. Tekade, Prof. M. S. Andhare, Prof. N. A. Gupta	Exigency Robot	202221010551	28/02/2022	01/09/2023

284	Computer	Staff	Prof. Dr. G. T. Chavan	Polyhouse Farming Using Visible Light Communication (VLC)	202221010811	28/02/2022	01/09/2023
285	Computer	Staff	Prof. D. N. Choudhari, Prof. M. H. Badole, Prof. S. S. Lunawat	Fit/Bit Chair	202221010728	28/02/2022	01/09/2023
286	Mechanical	Staff	Prof. A. S. Kurhade	Path Tracker Disinfectant Spray Machine	202221010541	28/02/2022	01/09/2023
287	FE	Staff	Prof. D. Shrivastava , Prof. P. B. Oghe, Prof. M. H. Deshpande, Prof. Amita Mane	A Mechanism For Safe And Reliable Entry Of Buses Into Brt Lane	202221010715	28/02/2022	01/09/2023
288	Mechanical	Staff	Mr. G. B. Jawalkar	A Novel Type Of Baby Milk Bottle System Used For Infants & Toddlers	202221010582	28/02/2022	01/09/2023
289	FE	Staff	Prof. T. B. Gaikwad, Prof. M. M. Sarada	Use Of Automatic Barrier Gate Systems By Using Relay Mechanism After Landslide Or Construction Collapse	202221010591	28/02/2022	01/09/2023
290	FE	Staff	Prof. P. B. Oghe, Prof. M. H. Deshpande, Prof. D. Shrivastava, Prof. T. B. Gaikwad, Prof. S. S. Borgaonkar	Bottle With Water Quality Smart Indicator	202221010631	28/02/2022	01/09/2023
291	FE	Staff+Students	Prof. A. Mane, Mr. A. Kedari, Prof. D. Shrivastava,	Alarm Based Electric Geysers	202221010599	28/02/2022	01/09/2023
292	FE	Staff	Prof. Dr. R. N. Patil	Wheel Chair For Paralysis Patient	202221010613	28/02/2022	01/09/2023
293	FE	Staff	Prof. M. H. Deshpande, Prof. P. B. Oghe, Prof. D. Shrivastava	Multi Purpose Reusable Duster	202221010622	28/02/2022	01/09/2023
294	Mechanical	Staff	Prof. S. M. NARAYANKAR	Low Speed Coconut Scraper Apparatus With Coconut Holding Apparatus For Safe Scraping	202221010557	28/02/2022	01/09/2023
295	Mechanical	Staff	Prof. Dr. S. H. Mankar, Prof. Dr. R. K. Rathod	Solar Operated Wet Garbage Composting Unit	202221010584	28/02/2022	01/09/2023
296	Mechanical	Staff	Prof. R. M. PATIL	PCM Mesh For Maintaining Temperature Of Water	202221010588	28/02/2022	01/09/2023
297	Mechanical	Staff	Prof. K. K. Mate, Prof. D. D. Biradar	Interlocking Jigsaw Periodic Table Play/ Mat Puzzle Toy/Physical Properties	202221010578	28/02/2022	01/09/2023

298	FE	Staff	Prof. M. M. Sarada, Prof. T. B. Gaikwad	System And Process To Identify The Dummy Student In Online Examination	202221010662	28/02/2022	01/09/2023
299	FE	Staff+Student	Prof. Dr. J. R. Pai, Mr. A. Kedari	Automated Solar Lantern For Potted Plants	202221010609	28/02/2022	01/09/2023
300	FE	Staff	Prof. S. Borgaonkar, Prof. S. A. Patil, Prof. T. B. Gaikwad, Prof. P. B. Oghe	An Overtake Indicator In Rear Light Assembly Of Vehicle For Safe Passage For Overtaking	202221010633	28/02/2022	01/09/2023
301	Civil	Staff	Prof. S. S. Salvi, Ms. V. S. Sampagaonkar	Automatic Moving Chair Without Using Hands	202221010577	28/02/2022	01/09/2023
302	E&TC	Staff	Mr. K. D. Bhalekar, Ms. S. B. Gholap, Ms. B. L. Gawali	Electricity Generation For Agriculture By Using Tractor	202221010564	28/02/2022	01/09/2023
303	Mechanical	Staff	Prof. V. P. DESAI	Automated Pressure Variable Reciprocating Compressor	202221010555	28/02/2022	01/09/2023
304	E&TC	Staff	Ms. S. Rane, Ms. P. Patil, Ms. S. Khot, Prof. Dr. R. G. Mapari, Prof. K. B. Bhangale	Iot Based Automated Hydroponics Farming Using Sensors And Real Time Crop Monitoring To Provide Nutritious Crop Production	202221010601	28/02/2022	01/09/2023
305	E&TC	Staff	Prof. D. N. Dhake, Prof. R. R. Kawade, Prof. T. D. Dhamale	Alert System For Side Stand Retraction In Moving Bicycle	202221010732	28/02/2022	01/09/2023
306	E&TC	Staff	Ms. B. L. Gawali, Ms. A. V. Desai, Ms. S. B. Gholap, Mr. K. D. Bhalekar	Duster With Attachable Push Button Chalk Box	202221010559	28/02/2022	01/09/2023
307	Mechanical	Student	Ms. S. Saindane	Duster/Box With In/Built Chalk And Pen Holding Structures	202221010574	28/02/2022	01/09/2023
308	Civil	Staff	Prof. S. S. Salvi, Prof. S. S. Bobade	Pull/Test Apparatus For Iron Bar Reinforced Concrete To Measure Bond Strength	202221010580	28/02/2022	01/09/2023
309	E&TC	Staff	Mrs. S. A. Gholap, Mr. A. E. Aher, Ms. B. L. Gawali, Mrs. A. V. Desai, Mr. K. D. Bhalekar	Safety Whistle Blower For LPG/CNG	202221010581	28/02/2022	01/09/2023
310	Civil	Staff	Prof. M. M. YEOLE	Oozing Out Milk From Container During Heating	202221010529	28/02/2022	01/09/2023
311	FE	Staff	Prof. S. L. Varpe, Prof. S. A. Patil	Life Saving Fan	202221010655	28/02/2022	01/09/2023

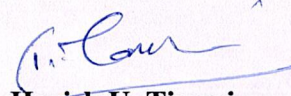
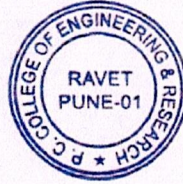
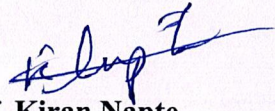
312	Mechanical	Staff	Prof. D. D. BIRADAR	Interlocking Jigsaw Periodic Table Play/ Mat Puzzle Toy	202221010550	28/02/2022	01/09/2023
313	Mechanical	Staff	Prof. P. R. Gaikwad, Prof. Dr. R. K. Rathod	Wireless Key Loss Prevention System For All Kind Of Locking Arrangements	202221010576	28/02/2022	01/09/2023
314	E&TC	Staff	Prof. T. D. Dhamale, Prof. R. R. Kawade, Prof. D. N. Dhake	Tyre Pressure Alarm System Along With Speed Limit SMS Facility	202221010681	28/02/2022	01/09/2023
315	FE	Staff	Prof. S. A. Patil, Prof. S. S. Borgaonkar, Mrs. S. S. Patil, Prof. S. L. Varpe	Sewing Machine With Coloured Thread	202221011429	28/02/2022	08/09/2023
316	Civil	Staff	Prof. A. G. Gunjal, Prof. S. S. Bobade E, Prof. A. B. Rahane	Auto Trimming Off Of Charging Of Chargeable Devices After Attaining Required (Set) Percentage	202221010596	28/02/2022	01/09/2023
317	Mechanical	Student	Mr. S. Khupase, Mr. Y. Veer, Mr. P. Agale, Ms. M. Jagtap	System To Display Direction Hoarding On The Vehicle's Display When It Passes By The Hoarding	202221010654	28/02/2022	01/09/2023
318	Mechanical	Staff	Mrs. B. A. Bhosale, Mrs. A. R. Jagnade	System For Battery Cell Discharge Prevention	202221010575	28/02/2022	01/09/2023
319	Mechanical	Staff	Mr. P. R. Shinde	Novel Idea Of Finding Steering Angle In Motorcycle	202221010554	28/02/2022	01/09/2023
320	Mechanical	Staff	Prof. A. D. Khare	Design Of Modular Base Frame For Specific Family Of Pumps	202221010569	28/02/2022	01/09/2023
321	Civil	Staff	Mr. Sudarshan Sampatrao Bobade	Grating For Storm Drain	354595/001	9/12/2021	18/02/2022
322	Civil	Staff	Mr. Sudarshan Sampatrao Bobade	Grating For Storm Drain	354583/001	9/12/2021	1/2/2022
323	Civil	Staff	Mr. Sudarshan Sampatrao Bobade	Grating For Storm Drain	354592/001	9/12/2021	8/2/2022
324	Civil	Staff	Mr. Sudarshan Sampatrao Bobade	Grating For Storm Drain	354593/001	9/12/2021	1/2/2022
325	Civil	Staff	Mr. Sudarshan Sampatrao Bobade	Grating For Storm Drain	354594/001	9/12/2021	1/2/2022
326	Civil	Staff	Mr.	Grating For Storm Drain	354596/001	9/12/2021	1/2/2022

			Sudarshan Sampatrao Bobade				
327	Civil	Staff	Mr. Sudarshan Sampatrao Bobade	Grating For Storm Drain	354597/001	9/12/2021	1/2/2022
328	Civil	Staff	Mr. Sudarshan Sampatrao Bobade	Grating For Storm Drain	354598/001	9/12/2021	1/2/2022
329	Civil	Staff	Mr. Sudarshan Sampatrao Bobade	Grating For Storm Drain	354599/001	9/12/2021	9/3/2023
330	E&TC	Student	Chinmay Kulkarni, Chirag Pakhare	Respirator for patient with variable breath per Minute Length mode and oxymeter	202221010703	28/02/2022	01/09/2023
331	Computer	Faculty	Dr. Yogeshwari V. Mahajan	Reduced Carbon Emissions From Vehicle Expulsion Through Supervised Machine Learning Methodology	202341014807	06/03/2023	24/03/2023
332	Computer	Faculty	Dr. Archana.K	Medical Instrument For Monitoring Respiratory Diseases	394908/001	12/09/2023	10/11/2023
333	Computer	Faculty	Dr. Salunke Mahendra Balkrishna	A Method For Information Hiding During Data Transmission In Sensor/Based	202321009953	14/02/2023	28/04/2023
334	Mechanical	Faculty and students	S. V. Ashtekar, A. A. Shikalgar, J. N. Shaikh, H. U. Tiwari & V. P. Desai	Networks Based On The Rubik's Cube Encryption Algorithm	202321036448	26/05/2023	-
335	E&TC	Staff	Dr. Pallavi Adke	Automatic Ejection Fraction calculation system from Ecocardio graphic Images	202221021453	11/04/2022	22/04/2022
336	E&TC	Student	Manali Mohite, Dr. Pallavi Adke	Multi Stamping Eyeliner Applicator For Applying makeup	202321005722	27/01/2023	10/02/2023
337	E&TC	Staff	Mrs. Triveni Dhamale	Parallel architecture using deep convolution neural network for Autism spectrum disorder detection	202321031939	04/05/2023	15/09/2023
338	Civil	Staff	Dr. Sudarshan Bobade, Satish Pitake	Letter Board	374964/001	2/12/2022	05/01/2024
339	E&TC	Staff	Kishor B. Bhangale, Rahul G. Mapari, Kiran M. Napte	Stationary box for scooty front deck	381082/001	22/04/2022	25/05/2023
340	E&TC	Staff	Priti Kale, Kishor Bhangale	Vessel with strainer	381104/001	17/12/2022	28/04/2023

341	E&TC	Staff	Vijayalaxmi Kumbar, Kishor Bhangale, Maithili Andhare, Arti Tekade, Rahul Mapari, Bhagyashri Gawali, Rupali Sonawane	Serving plate with glass holder	381400/001	13/03/2023	28/04/2023
342	E&TC	Staff	Dr. Dipali Shende, Dr. Pallavi Adke, Rupali Kawade, Dipali Dhake, Triveni Dhamale	Tiny pain relief multipurpose bottle	380738/001	03/03/2023	17/04/2023
343	FE	Staff	Prof. Tushar Gaikwad, Prof. Mahesh Sarada. Prof. Sandeep Borgaonkar, Prof. Sachin Varpe, Prof. Shital Patil	Water Saving Pipe System For Purifiers & Other Excessive Water	451326	12/05/2021	13/09/2023
344	Civil	Staff	Dr. Arun W. Dhawale	Hip Joint Prosthesis Acetabulum	374949/001	02/12/2022	24/07/2023
345	E&TC	Staff	Dipali Shende	System To Alarm Freshwater	500978	12/11/2019	18/01/2024
346	Mechanical	Principal	Dr. Harish Tiwari	Wrist Watch	375224/001	7/12/2022	18/01/2024
347	Mechanical	Principal	Dr. Harish Tiwari	System And Method For Automatic Muting And Unmuting Electronic Devices	509144	21/01/2019	9/2/2024
348	E&TC	Staff	Dr. Rahul Mapari	An Intelligent Fingerprint & Voice Operated Firearm	512335	24/01/2018	19/02/2024
349	Civil	Staff	Dr. Arun Dhawale	Hip Joint Prosthesis Outer Shell	374948/001	2/12/2022	16/02/2024
350	Civil	Staff	Dr. Sudarshan Bobade	Anti Spillage Milk Pot	375388/001	9/12/2022	20/02/2024
351	Mechanical	Student	Pradnyesh Mane	Adoptive Plate For Extension of Butt Plate Assembly	514949	25/09/2017	26/02/2024
352	Mechanical	Student	Shubham Khupase	Simultaneous Inward & Simultaneous Outward Motion mechanism For Simultaneous Tooling	516931	6/7/2021	28/02/2024
353	Civil	Staff	Dr. Sahil Salvi	Device for Electricity Generation from Waste Water Treatment	402800/001	21/12/2023	14/03/2024



Dr. Sahil S. Salvi & Prof. Kiran Napte
IP&C Coordinator



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Principal, PCCOER

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