



PIMPRI CHINCHWAD EDUCATION TRUST'S  
**PIMPRI CHINCHWAD COLLEGE OF ENGINEERING & RESEARCH,**  
RAVET, PUNE 412101



**Department Of First Year Engineering**

## List of Patents

Sr. No.	Name of Dept.	Student/Staff	Name of Inventors	Patent Title	Patent No.	Patent Filing Date	Patent Status (as on Aug. 2021)
1	FE	Student (Mechanical)	Suraj Balasaheb Satav	An Alteration In Screwdriver To Make It Easy To Grip And Apply More Torque	201721002438	23-01-2017	Disposed
2 3	FE	Student	Vivek Padmakar Mahajan	Computer Mouse Containing Fingerprint Sensor For Detecting Password And User Id Of User	201721009976	22-03-2017	Under Examination
4	FE	Student	Shreyash Sanjay Pimpalshende	A Smart Switching System For Electrical Appliances To Prevent The Wastage Of Electricity	201721011569	31-03-2017	Disposed
5	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
6	FE	Staff	Priya Balkrishana Oghe	Mobile Self-Charging Using Piezo Electric Cell	201721012868	11-04-2017	Disposed

7	FE	Student	Nikhil Sugriv Mallah	Liquid Based Cleaning Aid	201721012370	06-04-2017	Disposed
8	FE	FE Mech Student	Pradnesh Bajarang Mane	Intermediate Extension Plat for Butt Plate Assembly	201721033905	25-09-2017	Under Examination
9	FE	FE Mech Student	Pradbtseg Bajarang Mane	Adoptive Plate for Extension of Butt Plate Assesmbly	201721033908	25-09-2017	Under Examination
10	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
11	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
12	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
13	FE	Staff + Students	Prof. Rahul Krishnaji Bawane SP Sahare BC Pimparkar AR Pawale	AN ALTERATION IN RULER TO DRAW PARALLEL LINE	201821049570	28-12-2018	Under Examination

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14	FE	Staff + Students	Prof. Rahul KrishnajiBawane 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
15	FE	Staff + Students	Prof. Rahul KrishnajiBawane AS Vallal SV Shindikar SG Wagh BN Banshur	ROTATING LOCK RING AND FIXED SLIDER HOSE CLAMP	201821049584	28-12-2018	Under Examination
16	FE	Staff + Students	Prof. Rahul KrishnajiBawane AS Vallal AS More AA Thorat AG Phalke	PNEUMATIC PRESSURE OPERATED HOSE CLAMP	201821049586	28-12-2018	Under Examination
17	FE	Staff + Students	Prof. Rahul KrishnajiBawane 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

18	FE	Staff + Students	Prof. Rahul KrishnajiBawane HT MahajanA Nagrle PS Narkhede SC Sardar	MECHANICAL LINKAGE OPERATED MUDGUARD EXTENSION FOR TWO WHEELER MOTOR VEHICLE	201821049590	28-12-2018	Under Examination
19	FE	Staff + Students	Prof. Rahul KrishnajiBawane PR VitthalDas VR Waladkar RG Pawar AS Chordiya	NON-NEWTONIAN FLUID SHOE CUSHIONING AND SHOCK ABSORBING	201821049593	28-12-2018	Under Examination
20	FE	Staff + Students	Prof. Rahul KrishnajiBawane SD Zende GR Patil SS Rajput RR Wagh	GENERATION OF ELECTRICAL ENERGY USING PIEZOELECTRIC CELL ON BICYCLE PEDALS	201821049594	28-12-2018	Under Examination
21	FE	Staff + Students	Prof. Rahul KrishnajiBawane 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
22	FE	Staff + Students	Prof. Rahul KrishnajiBawane AK Raskar SS Rajput OV SalunkeTS Pawar	TIRE WEAR OUT WARNING VISUAL INDICATOR	201821049603	28-12-2018	Under Examination

23	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
24	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
25	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
26	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	Under Examination
27	FE	Staff	Prof. Jyoti Pai	Pouched Thermostatic Apparatus to Store Packets of Beverages in its Folds	201921052388	17-12-2019	Disposed

28	FE	Staff	Prof. Sonali Kanase	Retrofit Mechanism for Flow Control in Flush Tanks of Toilets	201921052218	17-12-2019	Disposed
29	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
30	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
31	FE	Staff	Prof. Mahesh Sarada, Prof. Sandeep Borgaonkar, Prof. Tushar Gaikwad, Prof. Sachin Varpe, Prof. Shital Patil	Water Saving Pipe System For Purifiers & Other Excessive Water	202121021441	12-05-2021	Filed
32	FE	Staff	Prof. Mahesh Sarada, Prof. Sandeep Borgaonkar, Prof. Tushar Gaikwad, Prof. Sachin Varpe, Prof. Shital Patil, Prof. Priya Oghe	Automated Vending Machine for Public Distribution system	202121021413	12-05-2021	Filed
33	FE	Staff	Prof. Deepshikha Shrivastava, Prof. Manisha Deshpande, Prof. Priya oghe	Cleaning and Dust Collection Mechanism from Door Mate	202121023622	27-05-2021	Filed