

## List of Patents Filed

Sr · N o.	Name of Faculty involved	Title of the Patent	Patent Application Number	Date of filing
1	Dr. S.G. Tarnekar & Dr. N.M.Kanhe	Method for Efficient Regeneration of potential Energy of Waste - water in high rise buildings	Application No. 2029/MUM/2009A (FER received)	4/9/2009
2	Yogesh N. Nandanwar, Dr. U. S. Wankhede	Air conditioning system with additional condenser	2186/MUM/2012	31/07/2012
3	Mr. Chetan Sable, Chetan Nilkute, Mr.Amit Nakhale, Mr.Akshay Lichade, Prof. N. P. Awate	Design and modeling of vermicompost sieving machine	2188/MUM/2012	31/07/2012
4	Prof.P.R.Sawarkar,Dr.S.G.Tarnekar, Dr.S.B.Bodkhe	Reducing charging/discharging time for super capacitor banks by controlled series/parallel reconnections	2187/MUM/2012	31/07/2012
5	Sagar Vilasrao Ganorkar, Dr.Santosh B.Jaju	Development of gripping mechanism for a prosthetic hand	550/MUM/2013	26/02/2013
6	Abhijit P. Daigavane, Prof. P.S. Hedao, Prof.A.S.Titarmare	Wireless electricity generation using mobile network radiation	765/MUM/2013	13/03/2013
7	Devendra Gotmare,Ankit Bedi,Akash Tarnekar,Puneet Dhar , Prof. N.P.Awate	Design and modeling of Cotton Picker Cum Boom sprayer	767/MUM/2013	13/03/2013
8	Pushparaj R.J., Shubhramshu Shekhar ,Punit Agrawal ,Swapnil D. Paunikar ,Prof. N.P.Awate	Design and Modeling of Wheat Reaping Machine	766/MUM/2013	13/03/2013
9	Avinash Khadke, Nikhil Joge, Prashil Pillewan, Swapnil Nagrale, Laukik P. Raut	Design and fabrication of Agriculture Sprayer with weeder	1032/MUM/2013	23/03/2013
10	Pruthvi Kotak, Shivani Vaidya, Pratik Werulkar, Priyanka Patankar,V.R.Bora	A Real Time Cognitive Assistance For Visually Impaired	1033/MUM/2013	23/03/2013
11	Swapnil Thakre, Siddesh Hande, Sumit Dhomne, Shabbaz Khan, Laukik P. Raut	Design and development of economical seed sowing machine	1031/MUM/2013	23/03/2013

12	C.S.Chepurwar,S.S.Borkar,Kashmira Vijay Kolte,Alhad Vilas Peshwe,Anjali Anil Khonde,Karishma Pawan Chawla,Dr.A.Y.Deshmukh,Prof.S.D.Giripunje	Mind controlled application using electronic circuits especially for wheelchair	1359/MUM/2013	11/4/2013
13	C.S.Chepurwar,S.S.Borkar,Kashmira Vijay Kolte,Alhad Vilas Peshwe,Anjali Anil Khonde,Karishma Pawan Chawla, Dr.A.Y.Deshmukh, Prof.S.D.Giripunje	Design of cost effective EEG System	1360/MUM/2013	11/4/2013
14	Shashi Som Sinha, Somesh Diwanji, Supankaj Shrivastava, Vaibhav Vasani, Prof. S.U. Nimbhorkar	Circuit extraction and testing methodology of pre-build PCB	1361/MUM/2013	11/4/2013
15	Vinit Biplow Sharma, Subhjit Dey, Sumit Kumar Singh, Pratik Rajendra Bhure, Minnie Jose, Prof.Sanket Suresh Sanghai	Development of Automated Surveying System using GPS	1358/MUM/2013	11/4/2013
16	Nikhil Hatwar, Akshay Junghare, Haren Dodke, Ayush Pushkar, Anurag Bisen, M.M.Khanapurkar	Battery and supercapacitor combination in electric bike	1381/MUM/2013	12/4/2013
17	Piyush Itankar, Padmanabh Deshmukh, Saurabh Yete, Onkar Ambhorkar, Prof. Shubhangi D Giripunje	Modelling the suitability and applicability of Ultracapacitor on regenerative braking and powering of electric cars	2007/MUM/2013	12/6/2013
18	Piyush Chandrashekhar, Dharmik, Rushigandh Vijayrao, Yawalkar, Puneet Kulkarni, Shridhar Ganeshan, Prof. A.S. Raut	Fabrication of Algae breeder-Photo-bioreactor Extraction System	2006/MUM/2013	12/6/2013
19	Nikhil Kambale, Dipak Bhudawat, Akshansh Kataria, Dhiraj Bambarde, Skumar S.Kumbhalkar	Design and Fabrication of Road Dedusting System for Four Wheeler	2033/MUM/2013	14/06/2013
20	Samir S. Gite, Dr. P.V. Walke	Photovoltaic cell with concentrating collector	2666/MUM/2013	14/08/2013
21	Priyesh Agrawal, Shashank Paunekar,Ashsih Agrawal,Abhivnav Mukharjee, Dr.D.J.Tidke	Design and development of an anti-collision device for two wheelers	2667/MUM/2013	14/08/2013

22	A.S.Raut, U.S.Wankhede	Selection of capillary tubes in refrigeration appliances	2668/MUM/2013	14/08/2013
23	Rachit Muzumdar, Saikrupa Adenkiwar, Shailesh Aloni, Tejas Pitle,Dr.S.B.Jaju	Design,Development and fabrication of light-weight and long range pesticide sprayer	2669/MUM/2013	14/08/2013
24	Nikhil P. Wandhare, Suchintra K. Singh, Mr. Pravin S. Ghatode	Intangible Human Interface	2670/MUM/2013	14/08/2013
25	Alifia Akhtar, Aparajita Barthwal, Himanshi Pashine, Tanvi Oak, Sampada S. Wazalwar	Translation of Japanese printed documents into English language with touching character problems	3687/MUM/2013	22/11/2013
26	Dhananjay Bobade, Kaustubh Badge, Akshay Mamidwar, Bhushan Ukande, Mr. Pravin Motiramji Wanjari	Groundnut harvesting and Cutting machine	3688/MUM/2013	22/11/2013
27	Rahul Sanghi, Dharmaraj Tidke	Magnetic Wall Climbing Device on ferromagnetic surface	3689/MUM/2013	22/11/2013
28	Amruta Mahadeorao Borkar, Manisha Thakur, Priyanka Nandeshwar, Ashwini Bhitre, Tabassum Khan	Process for generating secure recognition Based Graphical Password by Watermarking	3690/MUM/2013	22/11/2013
29	Mohammad Junaid Sheikh, Piyush Umraoji Chikhale, Dnyanesh Ashok Kanhere, Kishor Rambhad	Design and fabrication of bricks handling system	3859/MUM/2013	10/12/2013
30	Niraj Choudahari, Shruti Sangidwar, Parv Choubey, Surabhi Mishara, K.K. Jajulwar	Industrial / Home Automation using Transformation Robot	3860/MUM/2013	10/12/2013
31	Vinayak Gajananrao Gaikwad,H.S.Dalvi	Energy Generation from Ceiling Fan –A ultimate Energy Conservation	3861/MUM/2013	10/12/2013
32	Roshan Yawalkar, U.S.Wankhede	Hydrocarbon refrigerant blend for improvement in COP	380/MUM/2014	3/2/2014
33	Mohd.Asim Nazeer Ahmad Quiarshi, U. S. Wankhede	Rectangular Fluidized Bed Dryer with Triangular Wavy Walls	381/MUM/2014	3/2/2014
34	Vaibhav S. Trivedi, Kaustubh K. Zinjarde , Gaurav S. Ambatkar, Fuzail Ahmad Mansoori , Laukik P.Raut	Tree Transplanter for Agricultural/Nursery Implementation	1153/MUM/2014	29/03/2014

35	Pravin N. Gajbhiye, Rupesh S. Shelke	Flat Plate Solar Collector Using Concentrating Lens Array and Insert Coils	1154/MUM/2014	29/03/2014
36	KarankumarChheniya, Akshay Kumar Jha, Agnibha Modak, Avinash Kumar, Mr. Pravin Motiramji Wanjari	Automatic Fertilizer Injector Machine for Cotton Plants	1156/MUM/2014	29/03/2014
37	Nilesh Parashram Awate, Nitinkumar Galande, Sagarkumar Chaudhary, Palash Madamwar, Swapnil Malapur	Design & development of castor seed Extraction Machine	1157/MUM/2014	29/03/2014
38	Yogesh Nagdeve, Ashwin K.Kheta, Anirudh Paliye, Amit Kumar Tiwari, Rahul Bhandarkar	Static On-load Tap changer using relay with isolated transformer winding	1155/MUM/2014	29/03/2014
39	Sumant Deosant, Saurabh Aloni, Aniket Kolhe, Uday Ghime, S.A. Chabbria	Efficient Biometric Security System for SIM card Allotment	1335/MUM/2014	11/4/2014
40	Ashish J. Shahu, Ashwin S. Rahate, Gaurav A. Husukale, Sunny S. Sharma, P.V.Walke	Manually Operated Sprayer cum Herbicide Applicator	1334/MUM/2014	11/4/2014
41	Gopal S. Sakarkar, Dr. V. M. Thakare, Dr. S.P. Deshpande	Web System Framework and Methodology for Making Personalized e-learning	1336/MUM/2014	11/4/2014
42	Harshal Tulshiram Khamankar, Dr. Santosh B. Jaju	A clamping system of a wear plate welding machine	4037/MUM/2014	16/12/2014
43	Tushar Kumbhare, Tushar Choudhary, Keyur Khunt, Mahesh Salwatkar, V.P.Kalbande	Foot operated pesticide sprayer	4261/MUM/2014	31/12/2014
44	Harsh Sharma, Sahil Shaikh, Prakash Ghosh, Ajitesh Sorte, Naveen Kdhidecha, Tejash Farkashe, Rohit chaudhari, Tushar Deshmukh, Akshay Joshi, Ankit Dongre, Aditi Subhedar, Abdulsyed Shaikh, Sanket Bante, Vevek Rafaliya, Tanmay Giradkar, Shubham Katait, Prof. N.P.Awate	Design & development of brake test rig for the all disk brake operated vehicle	354/MUM/2015	3/2/2015
45	Mr. Ashish R. Bais, Mr. Pratik D. Khadode, Mr. Ankit S. Gawande, Mr. Akash N. Saraf, N. P. Awate,	Design and development of garlic peeler machine	356/MUM/2015	3/2/2015

46	Keyur Doshi, Baleegh Rahman, A.S.Raut	Kinetogenic unconventional skyablaze	569/MUM/2015	3/2/2015
47	Ms. Monali V. Madavi & Dr. Shubhangi D. Giripunje	Foot Wearable Device for Diabetic person	355/MUM/2015	3/2/2015
48	Prerna Mishra,Urmila Shrawankar	Assistive Technique of Mouse Controlled Desktop Navigation for Visually Impaired	405/MUM/2015	6/2/2015
49	Abhishek Detke,Pankaj Dulare,Yash Sawarkar,Kunal Kawale, S.A.Chabria	Invisible character display using polarization of light mechanism in ATM and customizing security	568/MUM/2015	20/02/2015
50	Rijwan Y. Musani, Prof. Nikhil P. Wyawahare	Dynamic spectrum sensing and shearing module	572/MUM/2015	20/02/2015
51	Priya R. Maidamwar, Tushar Fule, Sudip Pawar ,Ashwin Bhajan ,Ratnarakshit Shende	Automatic Fire Extinguishing System	570/MUM/2015	20/02/2015
52	Mr. Vinod Upadhye, Dr. (Ms) Urmila Shrawankar	Multilingual Number Image Interpreter	571/MUM/2015	20/02/2015
53	Akash Wankhede, Ganesh Khekare, Sourabh Motghare, Nikhil P.Dubey, Gorakh Saraf	Automatic Live Score Updation Using Image Processing	847/MUM/2015	16/03/2015
54	Khushbu Chandrakant Kariya , Dr.S.D.Giripunje	Digital eye	833/MUM/2015	13/03/2015
55	Aditi Zullurwar,Jaya Dharmik,Kadambari Joshi, Dinesh Mankar, Niraj Warjekar, Prof.Nikhil Wyavahare	Configurable Secondary User Network Digital Terminal Equipment	852/MUM/2015	16/03/2015
56	Nupur C. Tupkar, Prof.Trushna G. Deotale	Implementation of Multimode Interactive device using Electro-oculography	832/MUM/2015	13/03/2015
57	Sharda A. Chhabria, Sagar J. Hedau, Sushant Shidurkar, Praveen Kumar Saini, Anish Belwe	Secured Computerized Voting System	835/MUM/2015	13/03/2015
58	Mirza Asim Baig, Govind Sahasrabuddhe ,Pratik Gadkar , Prof. V.P. Kalbande	Design and fabrication of Lemon juice making apparatus	850/MUM/2015	16/03/2015
59	Abhijeet Vilasrao Bhagat, Miss. Bharati B. Sayankar	Design and Implementation of Hybrid Network-On-Chip Scheme for Minimization of Latency and Power	848/MUM/2015	16/03/2015

60	Dr.V.K.Chandrakar	Set up for Reactive power injection on Pai ( ) type transmission line model using firing angle control	854/MUM/2015	16/03/2015
61	Vivek Omprakash Lihare, Yash Chhaganlalji Mohata, Yinisha Krushnarao Ninawe, SayaliShriramNafad, H.S.Dalvi	Automised Control Of Switchgear Using Wireless Control	831/MUM/2015	13/03/2015
62	Sudhir Kumar Rathore, Shailesh Vitthalrao Bhalerao	Portable thermographic system for detection of Rheumatoid Arthritis	853/MUM/2015	16/03/2015
63	Biplav C.Biswas, Shailesh Vitthalrao Bhalerao	Wearable Epilepsy controlling Device	851/MUM/2015	16/03/2015
64	Saket Narlawar, Ravindra Kirnapure, Roshan Bhore, Snehal Manglekar Prof. S. V. Bhalerao	EEG biomarker Dementia Detection Device	849/MUM/2015	16/03/2015
65	Ms.Apoorva M. Kakde,Prof.V.A.Gulhane	Sensor Based Intelligent Home Security System with Composite User Activity Recognition	836/MUM/2015	13/03/2015
66	Monal H. Kawadkar, Dr. Sanjay S. Dorle	Wireless Node Control and Monitoring System for Emergency Ad-hoc Networks	834/MUM/2015	13/03/2015
67	Ms. Akshita Baisware, Prof.S.N.Joshi, Dr. P.R. Bajaj	Design of Non Invasive Pulse Rate detector for Detection of Heart Diseases Using LabVIEW	837/MUM/2015	13/03/2015
68	Akshay Ingole, Chetan Malode,Koustubh Gandhare, Pallavi Pampattiwar,, Prof. Bhushan Vidhale	Design of atomized Inspection Vehicle For RTO	945/MUM/2015	21/03/2015
69	Rajeev N. Verma, Dr.L.G.Malik	Illumination and skew correction for scanned document images	946/MUM/2015	21/03/2015
70	A.S.Kawade(Student)	Two ways motion mechanism Epicyclic gear form	2434/MUM/2015	25/06/2015
71	Mr. Aashaar Dinesh Panchalan, Mr. Divyesh Srivastava, Ms. Kanak Kulkarni, Ms. Krutika Tembharey, Prof. Atul R. Deshmukh	Arduino Based Solar Panel Array Output Optimizer	2435/MUM/2015	25/06/2015
72	Ms. Arti V. Bhingare, Ms. Shubhangi S. Dod, Mr. Bhushan P. Ragit, Mr. Sushil V. Atone, Prof. Rushikesh T.	An Intelligent Citrus Fruit Counting System	2437/MUM/2015	25/06/2015

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73	Abdul Rizwan Abdul Rafique,Satyam Singh,Bhagyashree Pande,Kajol Korde, Damini Asare, Prof. Shubhangi D Giripunje	Design & Development of Prosthetic Hand for Transradial Amputee	2438/MUM/2015	25/06/2015
74	Joy Ashok Job,Gurudev Singh Siddhu,Pranit Wasnik, Mohd Adil Shaikh, Dr.Vinod Namdeorao Bhaiswar	Reverse Tricycle with Steering Mounted Control and reeling seats	2436/MUM/2015	25/06/2015
75	Joy S Banerjee, Pawan Patel, Ganesh Deshmukh, Pankaj Rathod, Prof. V.P. Kalbande	Design and fabrication of pendulum operated dual throw hand pump	3312/MUM/2015	29/08/2015
76	Aarohi Mundle,Aayushi Katre,Akshita Satokar,Apurva Zade,Prashant Borkar	Mobile Page scanning and stitching	3311/MUM/2015	29/08/2015
77	Surabhi Hote,Neha Gaydhane,Surbhi Nashirkar,Snehal Giradkar,Prof. Jagruti J. Shah	Four layer security protocol using USB keylock	3313/MUM/2015	29/08/2015
78	Ms. Mansi Bhave, Mr. Akshay Tapadiya, Mr. Biswajit Debnath, Mr. Gaurav Goda, Dr. Urmila Shrawankar	Accessing Computer System Files Via Mobile SMS	3314/MUM/2015	29/08/2015
79	Akash Shegaokar,Akshay Akulwar,Bhargav Chati,N.P.Awate	Mobile fruit plucker	4041/MUM/2015	27/10/2015
80	Jyotiraman De, Prof. Abhijeet Raut	Collapsible fatigue reliever carrier for railway catering Personnel	4972/MUM/2015	30/12/2015
81	Chaitali P. Wankhade, Prof. Apeksha Sakhare	Design and Development of Automatic Embedded Control System for Production of Spirulina Algae	201621007964	8/3/2016
82	Manish D. Diware, Prof. Swapnili P.Karmore	Design and Development of Hardware Testing Interface via Custom Script Language	201621007970	8/3/2016
83	Tushar S Khadse, Prof. Swapnili P. Karmore	Anti-lock Braking System having mechanism for Fault Estimation and Fault Tolerance Control System	201621007967	8/3/2016

84	Vinit B. Janbandhu, Prof. Sofia K. Pillai	Smart door mat by using vibrational energy harvesting technique	201621007968	8/3/2016
85	Komal Pawar, Urmila Shrawankar	Q Stand: Text Systemitization into Question Template Tool	201621007969	8/3/2016
86	Kranti Wankhede, Urmila Shrawankar	Newso Con: Context Based News Headline Construction Tool	201621007972	8/3/2016
87	Krutika Jayant Sapkal, Urmila Shrawankar	English to Marathi Transliteration	201621007971	8/3/2016
88	Vijaya Bandhekar, Prof. Bharti Sayankar	Design and Implementation of 3D Symmetric NoC Router	201621007966	8/3/2016
89	Sachin A Tonge, Mayur P Gadekar, Nikhil B Awhale, Kalyani A Deshmukh, Prof. Kishor S. Rambhad	Design and Fabrication of Cauliflower Cutting Machine	201621007965	8/3/2016
90	Neha Kuradkar, Prof. L.P. Thakre, Vijay	Comparative Analysis Of C-Pts, Wav-Pts And Hybrid DCT Scheme For Reduction Of Paper Ratio In OFDM Signals	201621007963	8/3/2016
91	Pranav V. Badhe, Prof. Sachin Gawate	Robust Virtual Instructor Aided Rehabilitation for Patients with Arthritis using Microsoft Kinect	201621008470	10/3/2016
92	Sukhada M. Lathkar, Prof. S. P. Karmore	Design and Development of Sonar based Robot for localization and mapping of potentially unsafe areas	201621008473	10/3/2016
93	Rohit S. Patil, Ritesh D. Bakal, Sarang R. Chindhe, Rupesh D. Solanki, Dr. Santosh B. Jaju	TMT rod bending machine	201621008467	10/3/2016
94	Mayuri Joshi, Urmila Shrawankar	Optimal Solution for Dense Linear Algebra Problems in Multi-Core Programming	201621008468	10/3/2016
95	Sayli Dixit, Urmila Shrawankar	Tactile Sign Language Conversion Tool for Deaf/Dumb Interaction	201621008475	10/3/2016
96	Dr. Preeti Bajaj, Abhijeet Bhagat	Modified Computer Cursor Control Device using Eye Pupil	201621008465	10/3/2016



97	Dr.Prema M.Daigavane, Mr.Paresh Kose, Dr. Shrikrishna G.Tarnekar	'Vehicle to Grid Power'	201621008474	10/3/2016
98	Skumar Sharadrao Kumbhalkar, Kumar Rituraj, Manmeet Singh Multani, Prajwal Bhoyar, Kunal Barve	Development of Manual cum Battery Driven Tricycle	201621008466	10/3/2016
99	Vikas Magar, Rity Singh, Uday Jais, Mayuri Dave, Prof. Pranay Saraf, Prof. Manjurkha Pathan	Cloud based mobile gadget	201621008464	10/3/2016
100	Amol Shahare, Bhupesh Bisen, Dipak Kuranjekar, Gunjan Nakade, Prof. R.A. Jibhakate	Design, Development and Fabrication of Linseed Thresher-	201621008472	10/3/2016
101	S.G.Tarnekar,J.G.Choudhari,P.P. Kose,P.R.Sawarkar	Ultra-Low-Frequency Low-Power Oscillator using a Charged Ultra-Capacitor	201621008471	10/3/2016
102	S.G.Tarnekar,J.G.Choudhari,P.P. Kose,P.R.Sawarkar	Ultra-low-frequency low-power oscillator using an ultra-capacitor and an advanced flywheel	201621008469	10/3/2016
103	Shubham Rote,Shubham Thakare,Vivek Deshmukh,Yogesh Sonewane, Dr. Santosh B. Jaju	Biocoal cake making machine	201721009712	20/3/2017
104	Achint Kaur, Urmila Shrawankar	Multi-Language Text Image to English Text Converter	201721009713	20/3/2017
105	Gayatri D. Gharpure, Prof. Pankaj H. Rangaree	A Mixer which combines RF signal and LO signal	201721009714	20/3/2017
106	Supriya B. Asutkar, Prof. Payal Ghutke	Process Flow and Mechanical Modeling of RF Micro-Electro-Mechanical System (MEMS) Capacitive Switch	201721009715	20/3/2017
107	Punam Tembhare ,Prof. Pankaj.H.Rangaree	FBAR MEMS filter with high quality factor for RF application	201721009716	20/3/2017
108	Aparitosh Gahankari, Urmila Shrawankar	Process Text to Flowchart Convertor	201721009717	20/3/2017
109	Priyanka Bhujale, Urmila Shrawankar	Handwriting I/O System	201721009718	20/3/2017

11 0	Chetan Dhule Urmila Shrawankar	Pareto-Optimal Green Consolidator for Cloud Datacenter	201721009719	20/3/2017
11 1	Mr. Tushar N.Band, Dr. Dinesh V. Padole	Design of Double Gate-FinFET with Parasitic Capacitance reduction using low k spacer	201721009720	20/3/2017
11 2	Sukeshani R. Bhagat, Prof. Bharati B. Sayankar	Design of NOC Based Many Core Parallel Processing Platform	201721009721	20/3/2017
11 3	Ashwini Lende, Omkar Dudhbure, Dr. Shubhangi Giripunje	Psychosomatic Analyzer System for Academic performance Enhancement	201721009722	20/3/2017
11 4	Bhagyashree Raymal, Dr. Shubhangi Giripunje	A wireless portable device for visually impaired people which converts Devnagari text to voice	201721009723	20/3/2017
11 5	Shrikrishna Govindrao Tarnekar, Ashish Kumar, Dhananjay Ramkrishna Tutakne	Hybrid "Battery & Super-Capacitor"-based Efficient Electric Vehicle drive with regenerative braking	201721009724	20/3/2017
11 6	Nilesh P. Awate, Aniket Vinayakrao Joshi,, Prof. D. S. Karale	Multiple Fruit Grading Machine	201721010139	23/3/2017
11 7	Dhananjay Ramkrishna Tutakne, Anagha Shyam Gajbhiye	Three-phase single switch PWM controlled Induction motor drive	201721010140	23/3/2017
11 8	Himanshu D. Wagh, Dr.U.S.Wankhede	Design of adsorption refrigeration system from waste heat	201721010141	23/3/2017
11 9	Girish Talmale Urmila Shrawankar	Dynamic Cluster Based Real Time Scheduler in Multi-Core System	201721010142	23/3/2017
12 0	Dr. Dhananjay R. Tutakne, Neha Rajeshwar Tikhe	Single Switch Improved Power Factor High Frequency Switched Single Phase Induction Motor Control for Fan and Blowers	201721010143	23/3/2017
12 1	Sampada Wazalwar Urmila Shrawankar	SignoSpeech – An Assistive System for Deaf & Dumb	201721010144	23/3/2017
12 2	Wani Patil, Dr.Prema Daigavane	Design of an Automated System for the Analysis and Detection of severe vision loss due to Diabetic Retinopathy	201721010145	23/3/2017

12 3	Dr V K Chandrakar, DevendraManikrao Holey, Kantilal D. Joshi	Harmonics reduction by Space vector based Static synchronous compensator (STATCOM) in transmission line	201721010566	24/3/2017
12 4	Dr V K Chandrakar, Devendra Manikrao Holey, Kantilal D. Joshi	Power quality assessment of Space vector based Static synchronous Series Compensator (SSSC)	201721010567	24/3/2017
12 5	Ashlesha Nagdive, Hrudesh Thete, Samiksha Diwale, Revathi Pillai, Jai Morghade	Real Time Application for Green Bus Transportation System	201721010568	24/3/2017
12 6	Ankita Jionkar Karhade, Avanti Sudhakar Donadkar, Himani Ramdas Dihiye, Shraddha Siddhartha Wasnik, T.H.Khan	Automatic Leafy Vegetable Plucker Machine	201721010569	24/3/2017
12 7	Piyush Tulsidas Katre, Shubham Kumar Sarkar, Syed Kaif Ali, Sourabh Mistry, V. P. Kalbande	Design and Development of tiles and roof sheet making machine by using fly ash and recycled plastic wastes	201721010570	24/3/2017
12 8	Kapil K. Jajulwar, Prem S. Bopinwar	Automation and Control of Multiple Robots for Industry Application	201721010571	24/3/2017
12 9	Laxman P Thakare, Dr. A.Y.Deshmukh	A reconfigurable FFT/IFFT processor for OFDM system using advance algorithm	201721010572	24/3/2017
13 0	Milind M. Khanapurkar, Lovika V. Bhagwatkar	LabVIEW based Implementation of Image Denoising Algorithm using Wavelet Transform	201721010573	24/3/2017
13 1	Prof. Kapil K. Jajulwar, Prof. Pankaj H. Rangaree, Mr. Kunal T. Tadas, Mr. Mohanish R. Nikhade, Mr. Kirtiraj Garud	Multi-touch Table Using Surface Computing	201721010574	24/3/2017
13 2	Shyamal Chakraborty U.S.Wankhede	Development of Solar Still assisted Salinity Gradient Solar Pond with Lateral and Longitudinal Heat Exchanger for Distillation	201721010575	24/3/2017
13 3	Anjali Fulwadhwa, Sagar Tayde, Shushrut Pattiwar, Dhanashree Amale, Prachi Jain	VBAT (Voice Based Automated Transport) Enquiry System for Visually Disabled, "Drishti"	201721010576	24/3/2017
13 4	Arnab Paul, Akshay Bramhankar, Kartikeye Bainalwar, Pankaj Rana, Shubhangi J. Moon	IOT Based Wireless Garbage Management System	201721010577	24/3/2017

13 5	Dr. Dhananjay Ramkrishna Tutakne, Dr. Shrikrishna Govindrao Tarnekar, Mr.Swarup Banerjee	Design of an inductor smoothly variable over its full range,responding to an Analog or Digital command	201721010578	24/3/2017
13 6	Pallavi Sinha, Roopali Singhai , Amrit Kaur, Khyati Kaushik ,Mangala S Madankar	Design and Development of Nagpur Metro App	201721010630	25/3/2017
13 7	Abhijeet Kumar Tiwary, Shubham Kothe, Amit Satpute, Sanket Vyawahare, Snehlata Dongre	Oldage helping system	201721010631	25/3/2017
13 8	Nehal Ambulkar, Amol Avhad, Laishram Shivankar, Snehlata S. Dongre	RTO management system	201721010632	25/3/2017
13 9	Manisha P. Mallani, Amit H. Samrit, Shruti P. Kulakrni,Trupti Telrandhe, Nisha S. Raote	Sign Language Vocalizer for deaf and dumb	201721010633	25/3/2017
14 0	Inderyash Nayyar, Dinesh Asekar, Charulata Jangade, Labhesh Samarth, Kapil Wankhede	GSM Based Bank Locker Security System	201721010634	25/3/2017
14 1	Chetan Dhote,Chetan Kumar Kale, Mayur Thakare,Neeraj Prasad, Dr. Santosh B. Jaju	Design and development of rice transplanter machine	201721010635	25/3/2017
14 2	Prasad D. Retar, Shashank Dambhare, Akshay Sehgal, Gunjan Kolhe, Prof. Kamlesh Kalbande	Water Quality Monitoring System using IOT	201721010636	25/3/2017
14 3	Nikhil P. Wyawahare	Indexed ISM band Transreceiver Antenna Module Controller	201721010637	25/3/2017
14 4	Nikhil P. Wyawahare	ISM band Portable Channel strength indicator	201721010638	25/3/2017
14 5	Nishkarsh Erappa, Mayank Pophalkar, Khayal Ghosh, Jimit Mendhekar Mangala Madankar	I-Access Via Li-Fi Technology	201721010639	25/3/2017
14 6	Shruti Gedam, Urmila Shrawankar	Spell-in-Air: Finger-Spelling in Air Recognition System	201721010640	25/3/2017
14 7	V.G.Bhamare, U.S.Wankhede	Cascaded solar thermal cavity receiver	201721010641	25/3/2017

14 8	Dr V K Chandrakar, DevendraManikrao Holey, Kantilal D. Joshi	Power quality assessment of Space vector based Unified Power Flow Controller (UPFC) applied on transmission line	201721010642	25/3/2017
14 9	Ruchira Naresh Khandare, Veena A Gulhane	Industrial Easy Load Transport system	201721010643	25/3/2017
15 0	A.S.Raut Uday Wankhede	Design and optimization of thermo acoustic refrigeration System	201721010644	25/3/2017
15 1	Shivani Nalamwar , Shubham Majumdar, Ankita Bodhankar, Shahrukh Bandhukia, M. S. Panse	Android Based Grass Cutter Robot	201721010645	25/3/2017
15 2	Sonali Kumbhalwar, Ms. Suchita Dubey, Ms. Trupti Kurzekar, Ms. Vaidehi Gadgil,Rushikesh T. Bankar	Automatic Challan System	201721010646	25/3/2017
15 3	Ujjwal Katre, Krishna Kale, Subodh Dhokne, Pratham Hingolikar	Electricity generation using exhaust gas of vehicles	201821011452	27/03/2018
15 4	Dr. Dhananjay Ramkrishna Tutakne, Snehal Suresh Deotale	Method for improvement of efficiency of three phase induction motor	201821011453	27/03/2018
15 5	Dr. Vibha Rajesh Bora, Chetan Kale	IoT based Assistive Device for Police to Catch Chain Snatcher	201821011454	27/03/2018
15 6	Himanshu Malewar, Jayant Bisen, Nilesh Dabhade, Nitesh Thakare	Automatic Chakli Maker	201821011455	27/03/2018
15 7	Fardin Kazi, Ganesh Fating, Harshal Bawankule, Bhavesh Wankhede	Shoes for blind Vision	201821011456	27/03/2018
15 8	Gaurav Ashok Meshram	Safety indicating gloves	201821011457	27/03/2018
15 9	Dr. Vibha. R. Bora, Liberal D. Zarkar, Ushail Ali Sayyad, Shubham G. Kotrange, Akash F. Meshram	Water supply system with automatic control of water wastage	201821011458	27/03/2018
16 0	Yash Nayak, Akshay Hemke, Nekita Chavhan	Air Drive	201821011459	27/03/2018

16 1	Dr. Dhananjay R Tutakane, Harshali S Sonule, Somesh S Harinkhede, Amod S Sant	Low Cost Single Phasing Preventer Cum Phase Sequence Relay	201821011460	27/03/2018
16 2	Neeraj Ghusghuskar, Karan Taral, Krunal Sonkusare, Prof. Nilesh P. Awate, Nitin Dhomaner	Leaf Log Maker Machine	201821011780	28/03/2018
16 3	Shrikrishna G. Tarnekar, Dhananjay R. Tutakne, Rupali S. Bisen	Extremely Low Frequency oscillations generator	201821011781	28/03/2018
16 4	Abhilash Tamgadge, Abhishek Ramteke, Abhishek Jagdale, Abhishek Marotkar, Prof. B.S.Patankar	Remote Area Automatic Cleaner	201821011782	28/03/2018
16 5	Kantilal D Joshi	STATCOM Ultracapacitor Based Power Controller	201821011783	28/03/2018
16 6	Aashish Aardhapure, Abhay Sontakke, Aishwary Bangde, Akash Pawde, Abhijit Getme	Air and odor purification using non thermal plasma	201821011784	28/03/2018
16 7	Prof. Nilesh Awate, Manish Bawane, Gaurav Bais, Chetan Nemade, M. K. Ansari	Carom Seed Cleaning Machine	201821011785	28/03/2018
16 8	Aniket Marathe, Aniket Ingale, Atharva Chavan, Ankush Thakare, Prof. Rajeshri Gupta	Certificate Writer using computerized numerical control plotter	201821011786	28/03/2018
16 9	Vishal Goswami, Sumedh Dahiwal, Divyanshu Sahu, Rishikesh Parvekar	Walking stick for blind person with multiple sensors	201821011787	28/03/2018
17 0	Mrunali Patil, Pooja kale, Minakshi Padole, Asmita Ganjre, Dimple Chandekar, Prof. Trushna Deotale	Electronic Helper Cradle	201821011788	28/03/2018
17 1	Aditya Khandale, Taijasi Bakde, Tanuja Nakade, Ashwin Jamgade, Kunal N Dekate	Bipedal cluster robot	201821011789	28/03/2018
17 2	Akanksha Khandare, Anjali Akulwar, Divyashree Sakhare, Anurag Malwar, Palash Pullarwar, Dr. Shubhangi Giripunje	Blood Analyzer	201821011790	28/03/2018

17 3	Dr. S. S. Salankar, Anjali Prasad, Bhavana Modak, Pooja Tol, Rajashree Dangore, Sakshi Shah	Carbide Detector	201821011791	28/03/2018
17 4	Aniket A. Bansod, Akshay A. Hallagade, Akshay J. Sontakke, Ameya A. Ninawe	Closed train sanitation system	201821011792	28/03/2018
17 5	Chirag Patil, Danish Khan, Kshitij Mishra, Manoj Chorghade, Dr. Vinod Bhaiswar	Sugarcane cutting machine	201821011793	28/03/2018
17 6	Prof. Abhijit. S. Getme, Pratik P. Bhusari, Shanshak James, Shreyash balapure, Sarfaraz Arzoo	Automatic Pomegranate Deseeding Machine	201821011794	28/03/2018
17 7	Vaibhav S. Ingle, Anurodh P. Khire, Utkarsh R. Shambharkar, Gaurav B. Tekade, L. P. Raut	Agriculture cultivator machine	201821011795	28/03/2018
17 8	PROF. A. D. PITALE, BHAGEERATH BAIS, HARISH KHANPASOLE, ASHUTOSH BHENDE, MOHANISH MOHITAKR	Tri wheel stair climbing hand cart	201821011796	28/03/2018
17 9	Dr. S D Giripunje, Shardul Asre, Alisha Warke, Sagar Bodalkar, Sachin Bagade, Vaibhav Kekatpure	Meconium Extractor for Neonatal Resuscitation	201821011797	28/03/2018
18 0	Aditya D. Pannase, Laukik P. Raut	Off delay timer unit	201821011845	29/03/2018
18 1	Dr. V. K. Chandrakar, S. N. Dhurvey	Multi-transmission line control system using two voltage source converter	201821011846	29/03/2018
18 2	Prof. V.P. Kalbande, Pallav Biswas, Rupesh Paul, Ritesh Rawani, Onkar Kshirsagar	Fly-ash, Plastic waste, Sand and Putty mixing machine	201821011847	29/03/2018
18 3	Prof. T. H. Nagrae, Ashmeet Khanija, Ansh Modi, Aman Dwivedi, Sagar Pandey	Temperature and humidity control system	201821011848	29/03/2018
18 4	Prof. Girish Talmale, Gaurav Gadge, Atul Datar, Ishan Badgainya, Shubham Takarkhede, Shreenath Ghate, Shantanu Deoras	Safety Helmet for Coal miners	201821011849	29/03/2018

18 5	Aniruddha Ghatol, Pratik Bhelande, Sakshi Gondane, Sumant Bangale, Mangala S. Madankar	Internet of Things (IOT) based Railway track fault detection and reporting system	201821012049	30/03/2018
18 6	Harshal Arbat, Gaurav Nimbalkar, Akshay Bhonde, Abhijeet Pounikar, Runzun Saxena	Automatic detection and control of moisture in feeder pillar panel	201821012050	30/03/2018
18 7	Ashvini Gathe, Sweta Pal, Pranali Itankar, Heena Panchabhai, Nikita Sherekar, Prof. Tripti Verma	Coin counting and sorting machine	201821012051	30/03/2018
18 8	Prof. V. P. Kalbande, Abhiram R. Deshmukh, Dr. P.V. Walke	Solar tandoor with nano-fluid and phase change material	201821012052	30/03/2018
18 9	Rohan Nalamwar, Roshan Kapse, Yash Satpute, Ritesh Fating, Ravi Sidhart, Prof. P.S. Vaidya	Future vehicle	201821011996	29/03/2018
19 0	Ankita Dobhal, Shruti Mulmule, Prof. Ravikumar Tiwari, Shivani Ingle, Sanjukta Motghare	Smart T- shirt	201821011997	29/03/2018
19 1	Rohan Bang, Vedant Kolarkar, Shounak Saraf, Shoubhik Biswas, Shubham Mundra, Prof. Indu Mandwi, Prof. Swapna Choudhari	Continuous positive airway pressure (cpap) machine	201821012209	31/03/2018
19 2	Shruti Ramchandran, Sonali Dubey, Shraddha Dawle, Shubhangi Meshram, Smita Nimbalkar, Sweeti Gajbhinkar, Prof. P.R. Maidamwar, Prof. F.T. Ansari	IOT based electricity theft detection system	201821012210	31/03/2018
19 3	Pankaj Liladhar Ramtekkar, Abhinav Kumar, Md Akhtar Ali, Pawan Rathod, Shivram Kumar	GSM based monitoring and controlling of Transformer	201821012211	31/03/2018
19 4	Mohit Wazade, Mohnish Motghare, Kapil Menkudle, Ashish Murmu, Prof. Prashant Jagtap	IOT Based Transformer Monitoring and controlling system	201821012212	31/03/2018
19 5	Mr. Aditya Awatare, Mr. Aniket Shende, Mr. Bhushan Kale, Mr. Prajit rode, Prof. V. W. Khond	Development of Reinforced Plastic Material	201821012349	31/03/2018



19 6	Mr. Ayush Raut, Mr. Chaitanya Bapat, Mr. Mahesh Burse, Mr. Midhun Monachan, Prof. A.S. Choudhari	Design and Development of Air Purifier	201821012350	31/03/2018
19 7	Bhalchandra Vishweshwar Khode	Improved in discharge capacity of open spillway by Labyrinth weir	201821012264	31/03/2018
19 8	Aniket Sabalkar, Aman Shendre, Aniket Moon, Aniket Bhoyar, Abhijit Getme	Corn Maize cutting machine	201821012265	31/03/2018
19 9	H.S.Dalvi, Dr. V.K.Chandrakar	Voltage improvement using intelligent controller with hybrid sources	201821012266	31/03/2018
20 0	Amit Warade, Sandesh Shelkar, Shubham Matte, Rahul Ambolikar, P Pjagtap	Automatic load sharing of transformer	201821012267	31/03/2018
20 1	Sumegh Tembhurne, Shubham Ghata, Sourabh Gode, Avinash Mendhe, Vipin Arun Tajne, Prof. Abhijeet Titarmare	Programmable LED T-Shirt	201821012268	31/03/2018
20 2	Mr. Wajahat Khan, Mr. Shubham Patokar, Mr. ShubhamBante, Mr. Shubham Dhole, Dr. P.V.Walke	Waste heat recovery of refrigerator to develop compact system	201821012269	31/03/2018
20 3	Dr. P. B. Nagarnaik, Dr. A. G. Bhole, Mangesh P. Bhorkar	Modified tube settlers for high rate settling	201821012351	31/03/2018
20 4	Mr. Raunak Ujawane, Mr. Rinkesh Batra, Mr. Sarang Dhande, Mr. Pranay Nagpure, A.K. Mahalle	Mechanically operated- Wheelchair convertible stretcher and walker	201821012352	31/03/2018
20 5	Ravikumar Tiwari, Prajwal Sondawale, Muskan Jain, Shantanu Manwatkar	Light Weight helmet	201821012327	31/03/2018
20 6	Prof. K. S. Rambhad, Anurag Singh Choudhary, Ashwin Badhiye, Himanshu Sharma, Himanshu Warudkar,	Charcoal Cooler	201821012328	31/03/2018
20 7	Mr. Wajahat Khan, Mr. Shubham Patokar, Mr. Shubham Bante, Mr. Shubham Dhole, Dr. P.V.Walke	Standing wave thermostatic refrigeration	201821012329	31/03/2018
20 8	Mr. Yash Dhenge, Mr. Shrey Lende, Mr. Shubham Jaiswal, Yash Madankar, Prof. V. M. Wankar	Mechatro Craft Machine for painting Application of Divider and footpath	201821012333	31/03/2018

