

Patent applications filed

Sr. No.	Name of Faculty involved	Title of the Patent	Category	Status	Date of filing and publication
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	National	In Process	4/9/2009 22/1/2010
2	Dr S.B.Bodkhe Dr.M.V.Aware	Robust open loop speed estimator for induction motor control Application No. 345/MUM/2010	National	In process	9/2/2010 28/5/2010
3	Yogesh N. Nandanwar, Dr. U. S. Wankhede	Air conditioning system with additional condenser Application No. 2186/MUM/2012	National	In process	31/07/2012
4	Mr. Chetan Sable, Chetan Nilkute, Mr.Amit Nakhale,Mr.Akshay Lichade, Prof. N. P. Awate	Design and modeling of vermicompost sieving machine Application No. 2188/MUM/2012	National	In process	31/07/2012
5	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 Application No. 2187/MUM/2012	National	In process	31/07/2012
6	Sagar Vilasrao Ganorkar, Dr.Santosh B.Jaju	Development of gripping mechanism for a prosthetic hand 550/MUM/2013	National	In process	26/02/2013
7	Abhijit P. Daigavane, Prof. P.S. Hedao, Prof.A.S.Titarmare	Wireless electricity generation using mobile network radiation 765/MUM/2013	National	In process	13/03/2013

8	Devendra Gotmare,Ankit Bedi,Akash Tarnekar,Puneet Dhar , Prof. N.P.Awate	Design and modeling of Cotton Picker Cum Boom sprayer 767/MUM/2013	National	In process	13/03/2013
9	Pushparaj R.J., Shubhranshu Shekhar ,Punit Agrawal ,Swapnil D. Paunikar ,Prof. N.P.Awate	Design and Modeling of Wheat Reaping Machine 766/MUM/2013	National	In process	13/03/2013
10	Avinash Khadke, Nikhil Joge, Prashil Pillewan, Swapnil Nagrale, Laukik P. Raut	Design and fabrication of Agriculture Sprayer with weeder 1032/MUM/2013	National	In process	23/03/2013
11	Pruthvi Kotak, Shivani Vaidya, Pratik Werulkar, Priyanka Patankar,V.R.Bor a	A Real Time Cognitive Assistance For Visually Impaired 1033/MUM/2013	National	In process	23/03/2013
12	Swapnil Thakre, Siddesh Hande, Sumit Dhomne, Shabbaz Khan, Laukik P. Raut	Design and development of economical seed sowing machine 1031/MUM/2013	National	In process	23/03/2013
13	C.S.Chepurwar,S. S.Borkar,Kashmir a Vijay Kolte,Alhad Vilas Peshwe,Anjali Anil Khonde,Karishma Pawan Chawla,Dr.A.Y.D eshmukh,Prof.S.D .Giripunje	Mind controlled application using electronic circuits especially for wheelchairs 1359/MUM/2013	National	In process	11/04/2013
14	C.S.Chepurwar,S. S.Borkar,Kashmir a Vijay Kolte,Alhad Vilas	Design of cost effective EEG System 1360/MUM/2013	National	In process	11/04/2013

	Peshwe,Anjali Anil Khonde,Karishma Pawan Chawla,Dr.A.Y.D eshmukh,Prof.S.D .Giripunje				
15	Shashi Som Sinha, Somesh Diwanji, Supankaj Shrivastava, Vaibhav Vasani, Prof. S.U. Nimbhorkar	Circuit extraction and testing from prebuilt PCB 1361/MUM/2013	National	In process	11/04/2013
16	Vinit Biplow Sharma, Subhjit Dey, Sumit Kumar Singh, Pratik Rajendra Bhure, Minnie Jose, Dr.B.V.Khode,Pro f.Sanket Suresh Sanghai	Development of Automated Surveying System using GPS 1358/MUM/2013	National	In process	11/04/2013
17	Nikhil Hatwar, Akshay Junghare, Haren Dodke, Ayush Pushkar, Anurag Bisen, M.M.Khanapurkar	Battery and supercapacitor combination in electric bike 1381/MUM/2013	National	In process	12/04/2013
18	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	National	In process	12/06/2013
19	Piyush Chandrashekar Dharmik, Rushigandh Vijayrao Yawalkar, Puneet Kulkarni, Shridhar Ganeshan, Prof.	Fabrication of Algae breeder-Photo-bioreactor Extraction System 2006/MUM/2013	National	In process	12/06/2013

	A.S. Raut				
20	Nikhil Kambale, Dipak Bhudawat, Akshansh Kataria, Dhiraj Bambarde, Skumar S. Kumbhalkar	Design and Fabrication of Road Dedusting System for Four Wheeler 2033/MUM/2013	National	In process	14/06/2013
21	Samir S. Gite, Dr. P.V. Walke	Photovoltaic cell with concentrating collector 2666/MUM/2013	National	In process	14/08/2013
22	Priyesh Agrawal, Shashank Paunikar,Ashsih Agrawal,Abhivna v Mukharjee, Dr.D.J.Tidke	Design and development of an anti-collision device for two wheelers 2667/MUM/2013	National	In process	14/08/2013
23	A.S.Raut, U.S.Wankhede	Selecion of capillary tubes in refrigeration appliances 2668/MUM/2013	National	In process	14/08/2013
24	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	National	In process	14/08/2013
25	Nikhil P. Wandhare, Suchintra K.	Intangible Human Interface 2670/MUM/2013	National	In process	14/08/2013

	Singh, Mr. Pravin S. Ghatode				
26	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	National	In process	22/11/2013
27	Dhananjay Bobade Kaustubh Badge Akshay Mamidwar Bhushan Ukande, Mr. Pravin Motiramji Wanjari	Groundnut harvesting and Cutting machine 3688/MUM/2013	National	In process	22/11/2013
28	Rahul Sanghi, Dharmaraj Tidke	Magnetic Wall Climbing Device on ferromagnetic surface 3689/MUM/2013	National	In process	22/11/2013
29	Amruta Mahadeorao Borkar, Manisha Thakur, Priyanka Nandeshwar, Ashwini Bhitre, Tabassum Khan	Secure Recognition Based Graphical Password by Watermarking 3690/MUM/2013	National	In process	22/11/2013
30	Mohammad Junaid Sheikh, Piyush Umraoji Chikhale, Dnyanesh Ashok Kanhere, Kishor Rambhad	Design and fabrication of bricks handling system 3859/MUM/2013	National	In process	10/12/2013
31	Niraj Choudahari, Shruti Sangidwar, Parv Choubey, Surabhi Mishara,	Industrial / Home Automation using Transformation Robot	National	In process	10/12/2013

	K.K. Jajulwar	3860/MUM/2013			
32	Vinayak Gajananrao Gaikwad,H.S.Dalvi	Energy Generation from Ceiling Fan –A ultimate Energy Conservation 3861/MUM/2013	National	In process	10/12/2013
33	Asim Quereshi, U.S.Wankhede	Hydrocarbon refrigerant blend for improvement in COP 380/MUM/2014	National	In process	03/02/2014
34	Roshan Yawalkar,U.S.Wankhede	Rectangular Fluidized Bed Dryer with Triangular Wavy Walls 381/MUM/2014	National	In process	03/02/2014
35	Vaibhav S. Trivedi, Kaustubh K. Zinjarde , Gaurav S. Ambatkar, Fuzail Ahmad Mansoori , Laukik P.Raut	Tree Transplanter for Agricultural/Nursery Implementation 1153/MUM/2014	National	In process	29/03/2014
36	Pravin N. Gajbhiye, Rupesh S. Shelke	Flat Plate Solar Collector Using Concentrating Lens Array and Insert Coils 1154/MUM/2014	National	In process	29/03/2014
37	KarankumarChheniya, Akshay Kumar Jha, Agnibha Modak, Avinash Kumar, Mr. Pravin Motiramji Wanjari	Automatic Fertilizer Injector Machine for Cotton Plants 1156/MUM/2014	National	In process	29/03/2014
38	Nilesh Parashram Awate, Nitinkumar Galande, Sagarkumar Chaudhary, Palash Madamwar, Swapnil Malapur	Design & development of castor seed Extraction Machine 1157/MUM/2014	National	In process	29/03/2014
39	Yogesh Nagdeve, Ashwin K.Kheta, Anirudh Paliye, AmitKumar Tiwari, Rahul Bhandarkar	Static On-load Tap changer using relay with isolated transformer winding 1155/MUM/2014	National	In process	29/03/2014

40	Sumant Deosant, Saurabh Aloni, Aniket Kolhe, Uday Ghime, S.A. Chabbria	Efficient Biometric Security System for SIM card Allotment 1335/MUM/2014	National	In process	11/04/2014
41	Ashish J. Shahu, Ashwin S. Rahate, Gaurav A. Husukale, Sunny S. Sharma, P.V.Walke	Manually Operated Sprayer cum Herbicide Applicator 1334/MUM/2014	National	In process	11/04/2014
42	Gopal S. Sakarkar, Dr. V. M. Thakare, Dr. S.P. Deshpande	Web System Framework and Methodology for Making Personalized e- learning 1336/MUM/2014	National	In process	11/04/2014