



<b>Patents</b>			
<b>2016-17</b>			
<b>Name of the Patenter/ Copyright awardee</b>	<b>Patent/Copyright Number</b>	<b>Title of the patent/Copyright</b>	<b>Year patent was awarded/published</b>
Mr. Gajanan Birajdar	2.01621E+11	using statistical learning approach for digital image (Idea Patent)	28-06-2016
Mr. Pratik Kadam , Mr. Gaurav Datkhile,		Signal Processor	
Dr. M. D. Patil	2.01721E+11		28-12-2017
Dr. Vishwesh A. Vyawahare ,		Laboratory setup for learning fractional order control system.	
Dr. M. D. Patil	2.01721E+11		14-12-2017
Dr. Vasappanavara Ramesh, Mrs. Chhabria Aditi Sunil, Dr. Bhatia Manmohan Singh		A technology (process) for identifying attainable, measurable and verifiable goals and objectives from vision and mission of an enterprise to enable	
		measurement of attainment of Mission	
	2.01721E+11		16-03-2017
		Passive Contrast Enhancement detection	
<b>2017-18</b>			
Ajit G.+D43:G82 Mutalik, Vineet Menon, Sanjivani Chakote		A Mobile Device for Mapping and Monitoring of Underground Coal Mines	
and Mukesh D. Patil	2.01821E+11		26-12-2018
V A Vyawaharr M D Patil	2.01821E+11	Compact Set-up for experimentation on	11-11-2018
Sharad P Jadhav		variable-order systems in laboratory	
Mr. Subhrajyoti Halder Mr. Pradeep Harname Mr. Vikas Bankar			
Mr. Gaurav Ghatwal			
Prof. Sharmila J. Petkar	2.01821E+11	Braille printer using android smartphone	03-07-2018
Mr. Vaibhav N. Kadam Mr. G. H. Saket Seshadri Mr. Pramod S. Jadhav Mr. Anay D. Ghatpande Ms. Divya Shah			
Dr. Vishwesh A.		Earthquake Rescue and Relief Operations Robot	
Vyawahare	2.01821E+11		03-07-2018
Mr. Rohan Gavandi			
Mr. Shubham Mumbaikar Mr. Pratik Magadwar Ms. Poornima Talwai	2.01821E+11	Elevator System to Avoid False call from floor	03-07-2018
Mr. Mayur Manyar Mr. Nishant Bhangale Mr. Pratik Kadam			
Mr. Gaurav Datkhile	2.01822E+11	IoT Maneuvered Intelligent Cartesian Plotter System on Android Platform	03-07-2018
Mr. Mukesh Prajapati Mr. Ketan Salvi			
Mr. Girish Giri Ms Divya Shah		Portable and Smart Electric Utility Dashboard Outlet (P.S.E.U.D.O.) Device for precondition smart phone charging	
Dr Vishwesh A. Vyawahare	2.01821E+11		03-07-2018
Mr. Rohan R. Mahajan Mr. Vijay S. Rane			
Mr. Heramb S. Khanvilkar Mr. Kartikey A. Kawadkar Mr. Sachin R. Iyer		Neural Network Based Interlinked Motorcycle Ecosystem For Smart Navigation	
Mrs. Shweta S. Ashtekar	2.02E+11		19-06-2018
Mr. Rohan R. Mahajan Mr. Vijay S. Rane			
Mr. Heramb S. Khanvilkar Mr. Kartikey A. Kawadkar Mr. Sachin R. Iyer		Neural Network Based Interlinked Motorcycle Ecosystem For Smart Navigation	
Mrs. Shweta S. Ashtekar	2.01821E+11		19-06-2018
Ms. Divya Shah, Dr. M. D. Patil,			
Dr. Vishwesh Vyawahare, Mr. Rohit Chaurasiya,		FPGA Based Hardware System For implementation of Complex-order Dynamical System	



Ms. Khushboo Pichhode	2.01821E+11		01-05-2018
Dr. Prasiddh Trivedi Dr. Mukesh D. Patil Dr. Vishwesh A. Vyawahare			
Mr. Pratik Kadam Ms. Divya Shah			
Mr. Gaurav Datkhile		A Novel Laboratory Setup to Study Advanced Nonlinear and Robust Controller Concepts	
	2.01821E+11		23-02-2018
Dr. Mukesh D. Patil Dr. Sharad P. Jadhav Dr. Vishwesh A			
. Vyawahare	2.01821E+11	Compact setup for experimentation on variable-order systems in laboratory	23-02-2018
Mr. Girish Giri			
Mr. Mukesh Prajapati Mr. Ketan Salvi		Digital Drafting apparatus for real time archotyping and supplemented digital rendering	
Dr. Vishwesh A. Vyawahare	2.01821E+11		21-02-2018
Ms. Divya Shah			
Mr. Pratik Kadam Mr. Gaurav Datkhile		DSP Based Hardware Emulator for Complex-Order Fractional Dynamical System Using Artificial Neural Network	
Dr. Vishwesh Vyawahare Ms. Divya Shah	2.01821E+11	Approximation Technique	21-02-2018
Mr Rohan Stanley Dr. Ramesh Vasappanavara, Ms Ananya Iyer			
Mr Rohit Chaurasiya			
Ms Divya Shah	2.01821E+11	IoT based Cortic Pad for sleep analysis	21-02-2018
Mr. Girish Giri			
Mr. Mukesh Prajapati Mr. Ketan Salvi		Low-cost modular laboratory crawler bot setup to demonstrate two axis holonomic motion.	
Ms. Divya Shah	2.01821E+11		21-02-2018
Dr. Vishwesh A. Vyawahare			
Mr Sangeeth Sadanand Ms Divya Shah		Novel Special Function Based FPGA Hardware System for Time Domain Response Calculation of Linear	
Dr Vishwesh A. Vyawahare	2.01821E+11	Fractional-Order Systems	21-02-2018
Dr. Vishwesh A. Vyawahare,		Efficient Fractional-order Proportional-Integral-Derivative (FO-PID) Controller Implementation with Artificial Neural Network Approximation using Digital	

**2019-20**

Name of the Patenter/ Copyright awardee	Patent/Copyright Number	Title of the patent/Copyright	Year patent was awarded/published
Dr Vivek Nalgirkar and Mukesh D. Patil	L-901262020 2.01921E+11	Literary Dramatic work -Physiology by Dr Vivek generation	43955 28-06-2019
Dr Sandhya Tamgadde Dr Avinash Tamgadde	L-95509/2020	Third Dimension on Histopathological Aspect of Oral Lichen Planus: An Innovation In Teaching Oral Pathology	2020
Anil Gulabrao Pawade	PCT/IN2019/050617	PROCESS AND APPARATUS FOR CONVERSION OF WASTE PLASTIC INTO LIQUID AND GASEOUS FUEL	2019-20

**2020-21**

Name of the Patenter/ Copyright awardee	Patent/Copyright Number	Title of the patent/Copyright	Year patent was awarded/published
Dr. Anant Patil	104470/2021	Pharmacology Crosswords	2021
Dr Vivek Nalgirkar	4402027	Physiology Guru	2020
Dr Anish Gupta Dr Swati Gotmare	SW-14010/2020	Oral Pathology Ready Recknor	2020
Ms. Sanjivani C. Chakote, Mr. Ajay Lohar, Mr.			
Tushar Kurne, Mr. Swapnil Patil, Dr. Chandrakant	2.02121E+11	Solar Powered Autonomous Robotic Syste	11-05-2020
1. Dr. Rohit Tripathi 2 . Dr. Subodh Kumar Tripathi 3 . Nitin Goel			
4 . Dr. Vidhya Sagar Gupta 5 . Dr. Shivangi Agarwal		System And Method For Controlling Home Appliances	



6 . Dr. Brijesh Kumar Sinha	2.02011E+11		14-12-2020
Adarsh G. Nair, Jayesh R. Sharma, Sahil U. Mohite		A waste segregation mechanism for dustbin to be used at the source of waste	



  
**REGISTRAR**  
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NERUL, NAVI MUMBAI - 400706