

Department of Computer Engineering - Patents Filed

Sr. No.	Title	Inventors	Application Number	Date of Filing
Department of Computer Engineering				
1	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 and Vision.	Dr. Vasappanavara Ramesh, Mrs. Chhabria Aditi Sunil, Dr. Bhatia Manmohan Singh	201721009024	16-03-2017
Department of Electronics Engineering				
2	Neural Network Based Interlinked Motorcycle Ecosystem For Smart Navigation	Mr. Rohan R. Mahajan Mr. Vijay S. Rane Mr. Heramb S. Khanvilkar Mr. Kartikey A. Kawadkar Mr. Sachin R. Iyer Mrs. Shweta S. Ashtekar	2.01821E+11	19/06/2018
3	Earthquake Rescue and Relief Operations Robot	Mr. Vaibhav N. Kadam Mr. G. H. Saket Seshadri Mr. Pramod S. Jadhav Mr. Anay D. Ghatpande Ms. Divya Shah Dr. Vishwesh A. Vyawahare	2.01821E+11	07-03-2018
4	Portable and Smart Electric Utility Dashboard Outlet (P.S.E.U.D.O.) Device for precondition smart phone charging	Mr. Mukesh Prajapati Mr. Ketan Salvi Mr. Girish Giri Ms Divya Shah Dr Vishwesh A. Vyawahare	2.01821E+11	07-03-2018

5	Braille printer using android smartphone	Mr. Subhrajyoti Halder Mr. Pradeep Harnane Mr. Vikas Bankar Mr. Gaurav Ghatwal Prof. Sharmila J. Petkar	2.01821E+11	07-03-2018
6	IoT Maneuvered Intelligent Cartesian Plotter System on Android Platform	Mr. Mayur Manyar Mr. Nishant Bhangale Mr. Pratik Kadam Mr. Gaurav Datkhile	2.01822E+11	07-03-2018
7	Elevator System to Avoid False call from floor	Mr. Rohan Gavandi Mr. Shubham Mumbaikar Mr. Pratik Magadwar Ms. Poornima Talwai	2.01821E+11	07-03-2018
8	Compact setup for experimentation on variable-order systems in laboratory	Dr. Mukesh D. Patil Dr. Sharad P. Jadhav Dr. Vishwesh A . Vyawahare	2.01821E+11	23/02/2018
9	A Novel Laboratory Setup to Study Advanced Nonlinear and Robust Controller Concepts	Dr. Prasiddh Trivedi Dr. Mukesh D. Patil Dr. Vishwesh A. Vyawahare Mr. Pratik Kadam Ms. Divya Shah Mr. Gaurav Datkhile	2.01821E+11	23/02/2018
10	Novel Special Function Based FPGA Hardware System for Time Domain Response Calculation of Linear Fractional-Order Systems	Mr Sangeeth Sadanand Ms Divya Shah Dr Vishwesh A. Vyawahare	2.01821E+11	21/02/2018
11	DSP Based Hardware Emulator for Complex-Order Fractional Dynamical System Using Artificial Neural Network Approximation Technique	Mr. Pratik Kadam Mr. Gaurav Datkhile Dr. Vishwesh Vyawahare Ms. Divya Shah	2.01821E+11	21/02/2018

12	IoT based Cortic Pad for sleep analysis	Mr Rohan Stanley Dr. Ramesh Vasappanavara, Ms Ananya Iyer Mr Rohit Chaurasiya Ms Divya Shah	2.01821E+11	21/02/2018
13	Low-cost modular laboratory crawler bot setup to demonstrate two axis holonomic motion.	Mr. Girish Giri Mr. Mukesh Prajapati Mr. Ketan Salvi Ms. Divya Shah Dr. Vishwesh A. Vyawahare	2.01821E+11	21/02/2018
14	Digital Drafting apparatus for real time archotyping and supplemented digital rendering	Mr. Girish Giri Mr. Mukesh Prajapati Mr. Ketan Salvi Dr. Vishwesh A. Vyawahare Ms. Divya Shah	2.01821E+11	21/02/2018
15	FPGA Based Hardware System For implementation of Complex-order Dynamical System	Ms. Divya Shah, Dr. M. D. Patil, Dr. Vishwesh Vyawahare, Mr. Rohit Chaurasiya, Ms. Khushboo Pichhode	2.01821E+11	05-01-2018
16	Efficient Fractional-order Proportional-Integral-Derivative (FO-PID) Controller Implementation with Artificial Neural Network Approximation using Digital Signal Processor	Dr. Vishwesh A. Vyawahare, Mr. Pratik Kadam , Mr. Gaurav Datkhile, Dr. M. D. Patil	2.01721E+11	28/12/2017
17	Laboratory setup for learning fractional order control system.	Dr. Vishwesh A. Vyawahare , Dr. M. D. Patil	2.01721E+11	14/12/2017

18	A Technology (Process) For Identifying Attainable, Measurable And Verifiable Goals And Objectives FR	Dr. M. M. Bhatia	2.01721E+11	16/03/2017
19	Passive Contrast Enhancement detection using statistical learning approach for digital image (Idea Patent)	Mr. Gajanan Birajdar	2.01621E+11	28/06/2016
Department of Electronics and Telecommunication Engineering				
20	A waste segregation mechanism for dustbin to be used at the source of waste generation	Adarsh G. Nair, Jayesh R. Sharma, Sahil U. Mohite and Mukesh D. Patil	201921025816	28-06-2019
21	A Mobile Device for Mapping and Monitoring of Underground Coal Mines	Ajit G. Mutalik, Vineet Menon, Sanjivani Chakote and Mukesh D. Patil	201821049115	26-12-2018
22	Compact Setup for experimentation of Variable-order Systems in Laboratory	Mukesh D. Patil, Sharad P. Jadhav and Vishwesh A. Vyawahare	201821006844	23-02-2018
23	A Novel Laboratory Setup to Study Advanced Nonlinear and Robust Controller Concepts	Prasiddh Trivedi, Mukesh D. Patil, Vishwesh A. Vyawahare, Pratik Kadam, Divya Shah and Gaurav Datkhile	201821006842	23-02-2018
24	FPGA based Hardware System for implementation of Complex-order Dynamical System	Divya Shah, Mukesh D. Patil, Vishwesh A. Vyawahare, Rohit Chaurasiya and Khushboo Pichode	2018210000547	05-01-2018
25	Efficient Fractional-order Proportional-Integral-Derivative (FO-PID) Controller Implementation with Artificial Neural Network	Vishwesh A. Vyawahare, Pratik Kadam, Gaurav Datkhile and Mukesh D. Patil	201721047042	28-12-2017
26	Laboratory Setup for Learning Fractional-Order Control System	Vishwesh A. Vyawahare and Mukesh D. Patil	201721044974	14-12-2017
Department of Instrumentation Engineering				
27	Compact Set-up for experimentation on variable-order systems in laboratory	V A Vyawaharr M D Patil Sharad P Jadhav	201821006844	11-11-2018
Department of Engineering Sciences				

28	Repellent Spray	Rupali N Agme	Application in process	31-07-2020
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