

Sr. No.	Title of Patent	Author's Name	details of patents
1.	A System for Resource Optimization in smart homes using the Internet of Things	Mrs. Archana Shirke	20221038709 Filing Date 05/07/2022
2.	A Novel and cost effective IOT based system to control Infant Warmer	Dr. Shubhangi Vaikole	Date of Grant: 21/11/2022 Date of Submission: 04/08/2022 Patent ID: 202022104445.7
3.	A system to improve the accuracy of Sentiment Analysis to detect whether the user is depressed	Dr. Lata Ragha	202241013498 dated 11/03/2022
4.	Automatic Lip-Reading and Sentence Predicting Device	Ms. Kiruthika M. Ms. Rakhi Kalantri Ms. Shagufta Rajguru	362440-001 dated 12/04/2022
5.	Toothpaste Refiller	Dr. Nilaj N. Deshmukh and Mr. Deepak V.	2022221009678 dated 23/02/2022
6.	Effects on COVID on education (Copyright)	Ms. Smita Dange	3612/2022-CO/SW 19/02/2022
7.	Dataset for early Identification of IoT botnet activity based on network scanning activity (Copyright)	Ms. Smita Dange	3654/2022-CO/SW 19/02/2022
8.	Dual Monitoring System: To Enhance the Security of IOT Devices and IOT Network	Ms. Smita Dange, Dr Prashant Nitnaware	202221052276 dated 13/09/2022
9.	A method to identify and secure the Software Defined Network against DoS attack	Ms. Trupti Lotlikar	202021002330 dated 20/01/2020 Patent Publication Date 23/07/2021
10.	A Method of Implementing a Vigorous And Effective Trust Model for Security Enhancement in MANET	Dr. Lata Ragha	20212103330 24/7/2021
11.	A system for Integrated Online Teaching Environment	Dr. Vaishali Bodade	202021036261 Publication Date 04/09/2020
12.	A Method of Suppressing Thermo-Acoustic Instabilities by means of Active Closed Loop.	Dr. Nilaj N Deshmukh, Mr. Ansari Afzal, Mr. Kumar Praseed	202021026306A, filed on 22/6/2020, published
13.	A Method to Identify and Secure the Software Defined Network against DOS attack.	Dr. Trupti Lotlikar and Dr Deven Shah	202021002330, filed on 20/1/2020

14.	Real Time monitoring of misalignments and backlash in gears using proximity sensors	Dr. Nitesh P. Yelve , Mr. Naseh Mommin, and Mr. Mandar B. Kothavade	201921025226 dated 25/06/2019
15.	Ultrasonic guided wave-based real-time damage detection system	Mr. Mandar B. Kothavade and Dr. Nitesh P. Yelve	201821018791, Filed on May 18, 2018, published
16.	A System to Manage Trust and to Enhance the Security of a Mobile Ad hoc Network	Dr. Lata Ragha	201821034696 dated 10-09-2018
17.	A system to manage emergency situations on road with the utilization of vehicular communication	Dr. Lata Ragha	201821045249 dated 0-09-2018
18.	HMM and Association based Cache Management System for Mobile Environment	Dr. H.K. Chavan, and Dr. S. G. Bhirud	201621001367 dated 14th January 2016.
19.	Method and Apparatus for a Novel Solar Photovoltaic Micro-inverter based Microgrid with Common Community Energy Storage for Residential Applications	Dr. Sushil Thale and Dr. Vivek Agarwal	3999/MUM/2014, Granted