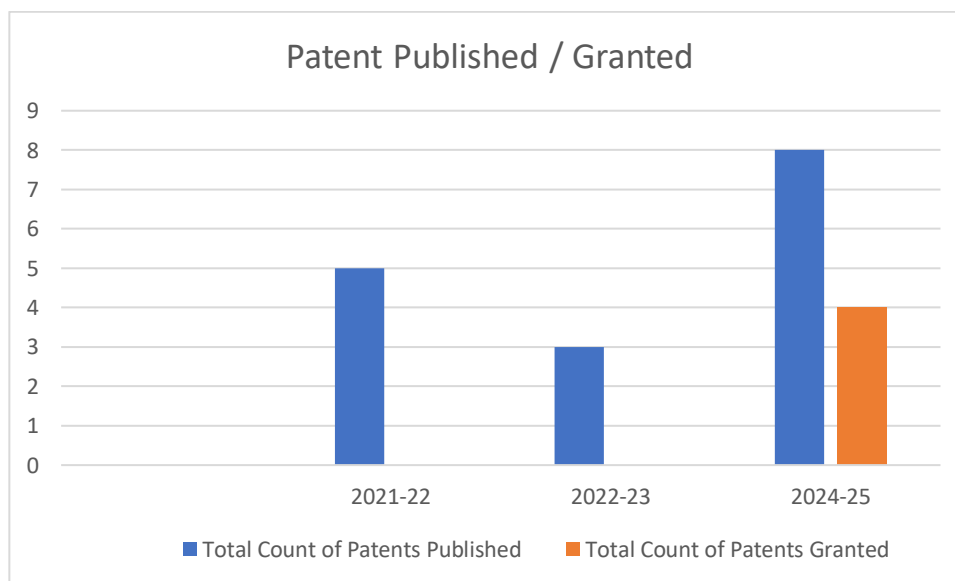




Department of Computer Engineering

SUMMARY OF PATENTS

Sr. No.	Academic Year	Total Count of Patents Published	Total Count of Patents Granted
1	2024-25	8	4
2	2022-23	3	0
3	2021-22	5	0



Pune

Research Cell Coordinator

Computer Engineering

Seemaah

HOD

Computer Engineering

Department of Computer Engineering

Academic Year: 2024-2025

Sr. No	Application Number	Title	Name of the Author/s	Status (granted/published)
1	441453	Age and Gender Prediction Device using AI and Biometrics	Dr. S.L, Dr. Warda, Dr. B.J., Dr. Seema Kedar	Granted
2	6410801	10 - Clocks and Watches and other measuring instruments	Dr. Prashant Kumbharkar, Dr. Santosh Borde	Granted
3	6407605	14 Recording, Telecommunication or Data Processing equipment	Dr. A. L. Golande, S. Pattanaik, Dr. Rushali A. Deshmukh, R. T. Umbare, Dr. K. V. Deshpande, Dr. D.Jadhav, S. T. Pirjade	Granted
4	442866	Wearable Device For Monitoring The Health Of Mother And Fetus During Pregnancy	Dr. Nisha Wandile Kimmatkar, Dr. S. P. Rao Borde	Granted
5	202421057189	A multi-agent AI system for detection of Lungs Cancer	Prashant Kumbharkar, Santosh Borde	Published
6	202421083548	The Ultimate Farming Guide with Real-Time Insights and Recommendations	Prema Sahane, Nivedita Shimbre, Pavan Kulkarni, Shrutika Amzire, Arya Ganorkar, Pawan Bondre	Published
7	202421079237	ENVLAB - Enhanced virtual lab for educational environment	Gaurav Pandit, Rushali Deshmukh, samrudhi Dandwate, Nandini Patil, Shivani Zele	Published
8	202421094193	MediCrypt.ai : AI-Enabled Digital Prescription Generator for Enhanced Healthcare Efficiency	Prema B. Sahane, Ashwini Bhosale, Akash Nimbalkar, Shreya Patil, Karan Ubale	Published
9	202421098512	AI-Powered Smart Fitness Monitoring and Feedback System Architecture	Prema B. Sahane, Rushikesh S. Mashalkar, Shrinand S. Mathpati, Gajanan P. Kulkarni, Girish P. Nagarkar, Amruta Hingmire, Shwetal Raipure	Published
10	202421098036	Smart Rehabilitation System with Real-Time Exercise Tracking and Adaptive Feedback	Prema B. Sahane, Pushpavati V. Kanaje, Om A. Sonawane, Ambar S. Panjare, Rohan K. Rote, Samarth A. Patil	Published
11	202421066141	Linux algorithm assistant for command parsing and tool installation	Avinash Golande, Tanmay Kumbhar, Atharv Varule, Riddhi Patil, Lakhan Chauhan, Vishal Hunde	Published
12	202521015730	A Non-Electric Domestic Agro-Processing Machine for Grain Cleaning and Impurity Separation	Prema B. Sahane, Kaustubh D. Patil, Niraj D. Patil	Published

Academic Year: 2022-2023

Sr. No	Application Number	Title	Name of the Author/s	Status (granted/published)
1	202241030796	Diagnostics And Treatment Help To Patients At Remote Location Using Edge And Fog Computing	Dr. Sunil M. Sangve	Published
2	202241035708	Detecting And Monitoring/Controlling Sound Pollution By Making Use Of Machine Learning	Dr. Prashant B. Kumbharkar	Published
3	202221074798	Intelligent Headgear system based on IOTwith proximity module	Aaryan Chipkar, Aaryan Chaudhari, Shreya Paniker, Sakshi Khatke, Vinodkumar Bhutnal	Published

Academic Year: 2021-2022

Sr. No	Application Number	Title	Name of the Author/s	Status (granted/published)
1	202121035174	ECG Based Automatic and Dynamic System for Heart Disease Prediction	Prof. Avinash L. Golande, Prof. V. H. Bhutnal, Prof. Rushali A. Deshmukh	Published
2	202121059118	Development Of An Artificial Neuron Model With Autonomous Wi-Fi Microcontroller With M2m Communication For Iot	Dr. Sunil M. Sangve	Published
3	202121062300	System and Method for Question Generation based on Bloom's Taxonomy and Assessment generation	Prof. K. P. Moholkar, Prof. V. H. Bhutnal, Prof. D. S. Jadhav, Dr. R. A. Deshmukh, Prof. A. H. Hingmire	Published
4	202221000439	Methodology for Analyzing the Quality of Websites based on Machine Learning Techniques	Dr. Sunil M. Sangve	Published
5	202121033210	System For Robust And Scalable Anomaly Detection In Video Surveillance	Mr. V. A. Kotkar, Prof. A. L. Golande, Prof. V. H. Bhutnal, Prof. K. P. Moholkar	Published