

Patent 2025-26

Sr No.	Name of The Faculty	Patent Title	Status (Filed/ Awarded)	Country for which the patent filed	Application No.
1	Dr. P.M Shelke	AgriTrade :Application for Direct Market Access for Farmers	Filed	South Africa	
2	Dr. P.M Shelke	A LOST PROPERTY RECOVERY SYSTEM UTILIZING PASSIVE NFC/QR TAGGING WITH MACHINE LEARNING-DRIVEN GEOSPATIAL PREDICTION	Filed	South Africa	2025/10163
3	Mr. Amol Suryawanshi	CLOUD-BASED HEALTHCARE DATA INTEGRATION AND ANALYSIS PLATFORM	Filed	South Africa	202521091212 A
4	Mr. Amol Suryawanshi	Smart IoT-Based Cluster System for Two-Wheelers to Enhance Safety, Performance, and Navigation	Filed	South Africa	
5	Mr. Amol Suryawanshi	DEVELOPMENT OF HYDROPHOBIC MEMBRANES FOR WATER PURIFICATION	Filed	South Africa	202521094491 A
6	Mr. Amol Suryawanshi	"AI-Based System for Tracking and Monitoring Kidney Disease Progression Using Medical Imaging"	Filed	South Africa	LD-36659/2025-CO
7	Mrs. P.R.Rege	AI-DRIVEN COMMUNICATION AND INTERVIEW PREPARATION SYSTEM	Filed	South Africa	2025/08426
8	Mrs. P.R.Rege	AN AI BASED PERSONAL SAFETY AND HEALTH MONITORING SYSTEM	Granted	South Africa	2024/07444
9	Mrs. P.R.Rege	AN AI-DRIVEN ORGANIZED AND TECHNOLOGY BASED SYSTEM OF MANAGING AGRICULTURAL WASTE	Filed	South Africa	2025/09323
10	Dr. Suruchi Dedgaonkar	A REAL-TIME 3D OBJECT RECONSTRUCTION SYSTEM FOR MIXED/EXTENDED REALITY ENVIRONMENTS	Filed	South Africa	2025/05142

11	Dr. Suruchi Dedgaonkar	A MENTAL HEALTH MONITORING AND PREDICTION SYSTEM FOR WOMEN	Filed	South Africa	2025/08424
12	Dr. Suruchi Dedgaonkar	A MULTI-TOOL WEB VULNERABILITY SCANNER	Filed	South Africa	2025/08330
13	Dr. Suruchi Dedgaonkar	A SMART NAVIGATION SYSTEM	Granted	South Africa	2025/01979
14	Dr. Suruchi Dedgaonkar	AN INTELLIGENT ROAD POTHOLE DETECTION AND ADAPTIVE NAVIGATION SYSTEM	Granted	South Africa	2025/02405
15	Dr. Suruchi Dedgaonkar	A WEB BASED MENTAL HEALTH SYSTEM FOR AFFORDABLE YOUTH THERAPY	Granted	South Africa	2025/02555
16	Dr. Suruchi Dedgaonkar	A MACHINE LEARNING BASED CROP YIELD PREDICTION AND RESOURCE MANAGEMENT SYSTEM	Granted	South Africa	2025/02559
17	Dr. Suruchi Dedgaonkar	AN AI DRIVEN INTERACTIVE AR/VR SYSTEM FOR IMMERSIVE LEARNING AND CHILD ENGAGEMENT	Granted	South Africa	2025/02570
18	Dr. Nakul Sharma	A Modi Script Identification System Using PDF Scanning And Android Application	Filed	South Africa	2025/04696
19	Dr. Nakul Sharma	Smart Learning Analytics for Data-Driven Teaching Strategies	Filed	India	2.02541E+11
20	Dr. Nakul Sharma	Smart device for eye health monitoring on HMD device	Filed	India	2.02521E+11
21	Mr.Prasad Chaudhari	A VEHICLE-TO-EVERYTHING (V2X) COMMUNICATION SYSTEM FOR ENHANCED ROAD SAFETY	Granted	South Africa	2025/01980
22	Mr.Prasad Chaudhari	AN IRRIGATION SYSTEM FOR AUTOMATED PLANT WATERING BASED ON SOIL MOISTURE CONDITIONS	Filed	South Africa	2025/10600

23	Mr.Prasad Chaudhari	AN AUGMENTED REALITY BASED REHABILITATION AND POSTURE CORRECTION SYSTEM	Filed	South Africa	2025/10602
24	Mr.Prasad Chaudhari	A PRIVACY PROTECTION SYSTEM FOR PERSONAL SENSITIVE INFORMATION USING LOCAL AI REDACTION AND VERIFIABLE CREDENTIAL (VC) ACCESS CONTROL	Filed	South Africa	2025/10605
25	Mr.Prasad Chaudhari	AN IOT-ENABLED AUTOMATED PET FEEDER WITH PRECISION DISPENSING AND MONITORING SYSTEM	Filed	South Africa	2025/10044
26	Mr.Prasad Chaudhari	A CUTTING-EDGE IMMERSIVE 3D MEDICAL SCAN VISUALIZATION SYSTEM VIA VR ENVIRONMENT	Filed	South Africa	2025/09162
27	Ms. Prapti Kallawar	Machine Learning and IoT for Sustainable Soil Management and Manure-Based Soil Enhancement in Smart Agriculture	Published	India	2.02521E+11
28	Ms. Prapti Kallawar	Cloud-Integrated System and Method for Health Diagnostics Using IoT Biomedical Devices and Machine Learning	Published	India	2.02521E+11
29	Dr. Jayashree Tamkhade	AI-Driven Intrusion Detection Systems: Enhancing Cyber security in Cloud & IoT Networks	Published	India	2.02521E+11
30	Dr. Jayashree Tamkhade	AI & IOT Based Smart Agriculture ManagementSystem To Prevent & Detect Crop Status, Irrigation,Soil	Filled	India	2.02541E+11
32	Dr. Anup Ingle	A SYSTEM FOR DATA SECURITY IN WIRELESS NETWORK USING THE MODIFIED CRYPTOGRAPHY ALGORITHM	Published	India	202541064771 A
33	Dr. Anup Ingle	A SYSTEM FOR AUTOMATED CODE REVIEW FOR PYTHON USING NATURAL LANGUAGE PROCESSING	Published	India	202541064770 A
34	Dr. Anup Ingle	AN AI-DRIVEN PERSONALIZED RECOMMENDATION SYSTEM WITH EXPLAINABLE MACHINE LEARNING FOR ENHANCED USER EXPERIENCE	Published	India	202541073681 A
35	Dr. Anup Ingle	A REAL-TIME EMOTION DETECTION SYSTEM USING ENSEMBLE NATURAL LANGUAGE PROCESSING AND MACHINE LEARNING TECHNIQUES	Published	India	202541073682 A

36	Dr. Anup Ingle	CLOUD-BASED HEALTHCARE DATA INTEGRATION AND ANALYSIS PLATFORM	Published	India	202521091212 A
37	Dr. Anup Ingle	DEVELOPMENT OF HYDROPHOBIC MEMBRANES FOR WATER PURIFICATION	Published	India	202521094491 A