

DETAILS OF UTILITY PATENTS - GRANTED AND PUBLISHED

Sl. No.	Name of the Applicant	Patent Title	Patent Ref. No.	Country	Date of Application	Date of Publication	Date of Grant
1	Dr. Yasha Jyothi M Shirur Dr. M. S. Suresh Dr. Veena S Chakravarthi	Method, System and Apparatus for Asynchronous SoC Testing and Validation	201641022110	India	28/06/2016	—	30/05/2024
2	Dr S Sudalai Shunmugam Dr N Vasudev	Specially Designed Porcelain Long Rod Insulators For Highly Contaminated Environment	201641033690	India	3/10/2016	—	20/06/2022
3	Brahma SP Chinmai L Abhilesh M Akilesh M	A System and Method for Notifying Imbalance and Correction of Standing And / Or Sitting Body Posture of a User.	201941008707	India	6/3/2019	—	11/4/2023
4	Dr.Jyoti RM Mrs.Sumati Raghavendra D S Rishabh Bhansali Vishnu Prasad Bhat	Detachable Smart Faucet	201941027532	India	9/7/2019	—	20/12/2023
5	Hemanth Kumar C Dr.Jayanna B K Kishan K Lohitkumar Shetty M Hariharan R N Karthik	Bio degradable Absorbent and Absorbent thereof	201941029985	India	24/07/2019	—	15/02/2024
6	Dr.Jayanna B K Dr.Vijayasathya Putti Ramachandra Rao Priyanka Prabhakar	Methods and Systems for Photocatalytic Degradation of Organic Dyes	201941031584	India	5/8/2019	—	27/09/2022

7	Dr.Sejal Santosh Nimbhorkar Raksha H Ankitha S Namitha G	System and Method for Image Analysis and Summarization	201941033734	India	21/08/2019	┐	26/06/2025
8	Ms. Chaitra N Shashanka G Tejas R Simha Varun D Gurjar Vishnuvardhan G	A System for Real Time Object Recognition using Stereoscopic Images	201941036072	India	6/9/2019	┐	24/06/2024
9	Dr. Chaitra N Dr.P A Vijaya Aniruddh Aithal Darshan Kumar Hegde Girish P Kulkarni	Real Time Communication System for Facilitating Speech and Conversation using Natural Language Processing and Neural Networks	202041044849	India	15/10/2020	┐	14/11/2024
10	Dr. Prashanth M K Dr. Jayanna B K	Novel method calix[4]arene anchored ws2 as a versatile nanocatalyst for alkyne-azide cycloaddition reaction	202041056566	India	28/12/2020	31/12/2021	┐
11	Dr. Veena S Chakravarthi Dr. Yasha Jyothi M Shirur	System, Method and tool for circuit design and Implementation	202041057157	India	30/12/2020	┐	22/01/2026
12	Dr. Anusuya A M	Antiaging Painting technology	202141018007	India	19/04/2021	30/04/2021	┐
13	Dr. Anusuya A M	Novel Nanomaterial composition for dye degradation	202141018026	India	19/04/2021	30/04/2021	┐
14	Dr. Anusuya A M	Synthesis and Anticancer Activity OF 2-(3-Cyano-4-Isobutoxyphenyl)-4-Methylthiazol E-5-carboxylic acid thiazole derivative	202141052466	India	16.11.2021	17/12/2021	┐

15	Mrs. Huda Mirza Saifuddin	System and method for plotting retail shelves to arrange products in a retail store	202241011335	India	2/3/2022	┐	17/08/2023
16	Dr. Sudalai Shunmugam and others	A method and an insulator operable under 220 kV and 400 kV system voltages in overhead transmission line to withstand salinity level upto 160 Kg/m ³	2016399502	India	3/4/2022	┐	┐
17	Dr. Bindu S Dr. Jyoti R Munavalli Dr. Keerthi Kulkarni	A Smart Yoga Instructor device for guiding and correcting yoga posture of a user in real-time	202241014404	India	16/03/2022	┐	27/03/2026
18	Dr. Prathiba B S and others	Synthesis of Silver Nanoparticels in the Template of PVA stabilized Hydroxyapatite Fabricated from Fish Scales and its Characterization	2021102763	India	20/04/2022	┐	┐
19	Dr.Chaitra N Akshata Pramod Deeksha R Fauziah Batool I Bhoomika M U	Remote and real time monitoring system for people in need of special care	202241036267	India	24/06/2022	┐	1/5/2024
20	Abhijit Das	Using Machine Learning in an industrial control network to improve Cybersecurity operations	202241052879	India	15/9/2022	23/09/2022	┐
21	Mrs. Ashwini R M Mrs. Pallavi C V Mrs. Jayashree S Mrs. Geetha L S Dr. Jalaja G Mr. Raghavendra C K Mr. Santosh Reddy	Artificial Intelligence Based Techniques To Monitor And Maintain The Quality Of Drinking Water Supplied To Households	202241060410	India	21/10/2022	18/11/2022	┐

22	Dr. Bindu S Dr. Prathibha B S	A volatile components collection unit with incineration of crude plant materials	202341001510	India	7/1/2023	┐	┐
23	Dr. Bindu S Dr. Pratibha S Reetha G P Jayalakshmi D G Shaik Riyaz U R Roshan Mohammed Ishaq Sharieff	Preparation Method of Water Filter Cartridge using Corncob Active Carbon and Water Filter Cartridge there of	202341001641	India	8/1/2023	┐	05/01/2024
24	Dr. Tejaswini R M Mr. Mahanthesh U Dr. Anusha Preetham	Optimization of Cross Layer design for Interaction between Layers and Channel Utilization for Data transmission in UWSN	202341043585	India	29/06/2023	1/9/2023	┐
25	Dr. Manjunath G Asuti	A Smart and Secured Approach for Children's Health Monitoring Using Machine Learning Techniques Enhancing Data Privacy	202341002966 A	India	14/1/2023	20/01/2023	┐
26	Dr. Prashanth M K Mr. Shanavaz H Dr. Yogesh Kumar K	Method For Synthesizing Covalent Organic Frameworks And Their Applications	202341011170	India	18/2/2023	17/03/2023	┐
27	Dr. D Bhuvana Suganthi	Green House Monitoring and Control Using IoT	202321016741	India	13/3/2023	31/03/2023	┐
28	Dr.Chayadevi M L Dr. Geetha S Dr. Kavitha Jayaram Ms.Manikhantha Dr. Priya S	Blockchain-Based Remote Health Care Solutions With Extended Reality Assistance	202341023995	India	30/3/2023	7/4/2023	┐
29	Dr. Sunitha R	Wearable Monitoring system for Visually impaired people using IoT Based Intelligent Tracker	202341030844	India	29/04/2023	5/5/2023	┐

30	Dr.Ashwini S Savanth Ms.Sumati A Ms.Lakshmi Bhaskar	A System for Controlling Electric Appliances using Head Movement	202341032838	India	9/5/2023	23/06/2023	┐
31	Dr.Mahanthessa U	Identifyng Γ -H2ax Foci in DNA	202241077503	India	1/6/2023	6/1/2023	┐
32	Dr. Santosh Reddy P Mrs.Pallavi C V Mrs.Ashwini R Malipatil Mrs.Supriya Sudhir Mrs.Kalyani S Kumar	IoT-Based Smart Agriculture System Using Machine Learning For Crop Management	202341071172	India	18/10/2023	24/11/2023	┐
33	Dr Krishnamurthy G N Dr Raghavendra C K Lalana Nagaraj Lavanya U Keerthana M	An Integrated precision Agriculture and farm security system	202441001591	India	9/1/2024	9/2/2024	┐
34	Dr. Kavitha Jayaram Rohith B Sathvik N. Shendige Sujay G.Kaushik Sumukha S.Kashyap	Emotion Detection Model	202441001590	India	9/1/2024	9/2/2024	┐
35	Dr. Bindu Dr. Ashwini savanth	Mood based laser guided music system	202441003369	India	17/01/2024	9/2/2024	┐
36	Dr. S. Geetha Dr. Anitha N Dr. Chayadevi Manikantha K Priya S Manjushree K	Development Of Undersoil Networked IoT Devices For Continuous Monitoring In Agricultural Farms	202441014149 A	India	27/02/2024	8/3/2024	┐

37	Mamatha B Rakesh Y V Sneha C Sneha K Sujith T	Solar powered water trash collection system	202441027888	India	4/4/2024	12/4/2024	┐
38	Dr. Prathibha B S	Method for Bioconversion of Municipal Waste	202431027881	India	4/4/2024	┐	┐
39	Dr. Chayadevi M L Dr. S Rajashree Prof. Mona Kusuma P Chandana T S Farzeen Soha Honnu shree L	IoT Based Energy Efficient Smart Irrigation System	202441035983	India	7/5/2024	17/05/2024	┐
40	Dr. Rajani Shree M Dr. Chaithra M	System And Method For Effective Weather Prediction In Smart Agriculture Using IoT	202441059210 A	India	8/5/2024	9/8/2024	┐
41	Dr. Yasha Jyothi M Shirur Dr. M. S. Suresh Dr. Veena S Chakravarthi	Method, System and Apparatus for Asynchronous SoC Testing and Validation	201641022110	India	28/06/2016	┐	30/05/2024
42	Dr. Chayadevi M L Dr. S Rajashree Shreedevi	Protected park: cornerstone of trust in the smart city	202441044898	India	11/6/2024	21/06/2024	┐
43	Harish A Dr. D. Shivalingappa	Design Of Low Plasticity Burnishisng Tooling System	202441045936	India	14/06/2024	21/06/2024	┐
44	Dr. Prathibha B S	IOT-Based soil nutrient detection device	202441052961	India	11/7/2024		┐
45	Dr. Prathibha B S	IOT Based Sustainable solar Assisted Glass box water purification device	202441052962	India	11/7/2024	┐	┐

46	Dr. Prathibha B S and Dr. Srividhya	IOT Based pesticide analyzer for fruits and vegetables	202441052963	India	11/7/2024	┐	┐
47	Dr. Prathibha B S	Smart sensor based Refrigeratory inventory and notification system	202441052964	India	11/7/2024	┐	┐
48	Dr. Sunitha S V Dr Subodh Kumar Panda Dr. Lakshmi Bhaskar Dr.Yasha Jyothi M Shirur Gaganashree Monica Rekha S	Train Anti collision control method	202441085504	India	11/7/2024	22/11/2024	┐
49	Dr. Sunitha R Dr. Sheba Selvam Pavithra H C	Hologram Based Virtual Zoo	202441055753	India	22/07/2024	2/8/2024	┐
50	Dr. Sunitha R Dr. Sheba Selvam Jayashree	Intelligent Loitering Detection System	202441055752	India	22/07/2024	2/8/2024	┐
51	Dr. Jyothi R Munavalli Ms. Lakshmi Bhaskar Mr. Madhusudan S Ms. Sumathi A Ms. Mamtha V	Dual Mode Floating waste Collector with Automated and Manual Operation	202441069133	India	30/11/2024	9/12/2024	┐
52	Mrs. Nayana R K	Water Quality Prediction for Smart Mariculture	202441071455	India	21/09/2024	4/10/2024	┐

53	Dr. Chayadevi M L Dr.Rajani Shree M Dr. Chaitra M Dr. Anitha N Dr. Geetha S Prof. Mona Prof. Pallavi Prof. Priyanka S Prof. Sreeja	IOT Based smart Digital Device for Greenhouse Climate Reading	202441099484	India	16/12/2024	20/12/2024	┐
54	Dr. S Rajashree	Integrated IoT System Solution for Smart Agriculture Management	202311088077 A	India	22/12/2024	23/02/2024	┐
55	DR.Anitha N Dr.S.Geetha Dr.Santhosh	Remotely Operated Automatic Robotic Lawnmower	202441101804	India	23/12/2024	10/1/2025	┐
56	Dr. Amith Shekhar C Dr. Chayadevi M L Sameehana Manvi Sangamesh R Vineeth Phadke Prajwal V Rahul I V Sai Adithya A	Intelligent Bus Management System with Real-Time Data Integration and Adaptive Scheduling	202541004207	India	24/01/2025	24/01/2025	┐

57	Dr. Smitha Gaythri D Dr. Yasha Jyothi M Shirur Dr. Kavitha Jayaram Dr. Anitha C Dr. Nandini G Mrs. Akshitha Katkeri Mrs. Roopashree C S Nischala G. S Prajwal H J Nandish C	Adaptive AI-Enhanced Smart Mirror for Real-Time Health Diagnostics and AR Personalization	202541025334	India	20/03/2025	28/03/2025	—
58	Dr. Jyoti R Munavalli Dr. Bindu S Sakshi Sunil Harshaprada	Intelligent Key Reminder System with Wireless user notification	202541074433	India	8/5/2025	5/9/2025	—
59	Dr. Chayadevi M L Prajwal V Rahul I V Sai Adithya A Sameehana Manvi Sangamesh R Vineeth Phadke	Automated Water Meter Reader	202541034299	India	9/5/2025	9/5/2025	—
60	Dr. Prathibha B S Ms.Shwethashree B Ruthvik Ramesh Shirolkar	Catalytic adsorptive material for treatment of Vehicular Exhaust method of its preparation and apparatus thereof	202541051117	India	28/5/2025	6/6/2025	—
61	Dr. Keerti Kulkarni Dr. Priyadarshini K Desai Dr. Yasha Jyothi M Shirur Vinay Gowda	Household Power Consumption Monitoring and Prediction using Real- Time Sensing and Machine Learning	202541049443	India	6/6/2025		—

62	Dr.Jyoti R Munavalli Dr.Priya Sankpal Ms.Sumathi	Quantum Computing Framework for cross disciplinary simulation, secure processing, Intelligent System Control and predictive optimization in Engineering and Management Applications	202541079763	India	22/8/2025	┐	┐
63	Dr. Bindu S Dr. Shesha Prasad N	System And Method For Dispensing Medication Based On Biometric Authentication, Emotional State Detection, And Temperature Monitoring	202541055681	India	6/9/2025	20/06/2025	┐
64	Dr.Keerti Kulkarni Dr.Priyadarshini K Desai Pragathi M L Nischitha K M Shreya S	PhotonPack- A Pocket Power Source from the Sun	202541092604	India	26/9/2025	6/2/2026	┐
65	Dr.Jyoti R Munavalli Mrs.Sumathi A Aneesh M S Deekshith M V Hamsini Bhat V Kandacharam Deepshika Kshitija K M	AI-controlled Hybrid Battery Thermal Management, System for Electric Vehicles	202541123708	India	8/12/2025	17/04/2026	┐
66	Dr.Bhuvana Suganthi D Dr.Yasha Jyothi M Shirur Dr.Smitha Gayathri D Bharath S Chaithra A	Smart Hearing Protection with Integrated Water Cutoff and Real Time Alerts	202541130418	India	22/12/2025	2/1/2026	┐