



PATENTS

PATENT GRANTED						
S. No.	Patent Application No.	Title of the Patent	Inventor/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YY)	Patent Publication Number / Patent Granted Number
1.	202021037027	Moisture Sensor based Automatic Irrigation system	1. Prof. Sujaya Wadekar 2. Prof. Roshni John 3. Rutuja Koli 4. Prachi Walanju 5. Swati Rathod Prasad Rote	27/08/2020	Patent Granted 21/11/2024 Published Date 11/09/2020	The Patent Office Journal No. 37/2020
2.	202221046219	A System and Method For Privacy Preserving Data Mining And Cryptography On Health Data	Prof. Umesh Shankar Pinjarkar	12/08/2022	Patent Granted 19/11/2024 Published date 11/11/2022	The Patent Office Journal No. 45/2022
3.	202121039500	Method of identification of leakage prone points in water pipelines	1. Dr. Saumya Singh 2. Mr. Aditya J. Pukale 3. Mr. Dhananjay K. Gade 4. Mr. Omkar M. Manjare 5. Mr. Sagar G. Mhashilkar	31/08/2021	Patent Granted 05/08/2024 Published Date 10/09/2021	Patent Number: 547087 The Patent Office Journal No. 37/2021
4.	202021035420	Aquatic animal friendly ocean cleaning system	Dr. Manjusha Deshmukh Prof. Vaishali Jadhav Prof. Diksha Kumar Prof. Maahi Khemchandani Prof. Ragini Sharma Prof. Prasanna Raut	17/08/2020	Patent Granted 15/02/2024 Published Date 28/08/2020	Patent Number :511271 The Patent Office Journal No. 35/2020
5.	201921047045	A compact semi- circular slotted fractal UWB monopole antenna	Dr. Sheetal Bukkawar	19/10/2019	Patent Granted 1/08/2023 Published date 03/06/2022	The Patent Office Journal No. 22/2022
6.	202021056867	Binder less compacted biomass solid fuel incorporating banana root waste and method of preparation	Dr. S. Raji	29/12/2020	Patent Granted Date of Grant 29/08/2023	Patent no. 448031
7.	201921049384	System and Method to Manufacture Paver blocks from Waste Plastic Bottles	1. Dr. Manjusha Deshmukh 2. Prof. Roshni John 3. Prof. Prasanna Raut 4. Prof. Amit Mane	02/12/2019	Patent Granted 29/10/2021 Published Date 06/12/2019	The Patent Office Journal No. 49/2019
8.	201621015361	Automatic transmission for vehicle	1. Prof. S.N. Teli, Mr. Sagar Devichand Pati	5/3/2016	Patent Granted Oct 2020 Published Date 1/5/2018	Publication Number 01/2018



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9.	407734-001	Concrete Precision Control Device	Prof. Sujaya Wadekar Prof. Yugandhara Kasture Prof. Sanjay Singh Prof. Manoj Pillai	16/02/2024	Design registered 10/05/2024	407734-001
10.	332817-001	Custard Apple deseeding Machine	Dr. Madan Mohanrao Jagtap	05/09/2020	Design registered 27/12/2023	332817-001
11.	393029-001	Agricultural Soil Data Analysis for Crop Health	Dr. Yogesh R. Shahare Namrata Arya	18/08/2023	Design registered 30/10/2023	393029-001

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12.	202421027026	Integrated Solar-Powered Composting System	Dr. Saumya Singh Harshal Vithal Patil Ayush Kamalesh Mokal Gaurav Sunil Patil Ganesh Ramchandra Gaikwad	01/04/2024	03/05/2024	The Patent Office Journal No. 18/2024
13.	202421008875	Automated Cattle health management belt with medication Dispenser	Prof. Ragini Sharma Prof. Shraddha Subhedar Prof. Gayatri Dharap Prof. Jayshri Bankar Prof. Sarita Kale	09/02/2024	22/03/2024	The Patent Office Journal No. 12/2024
14.	202421000862	Automated Talent Acquisition System With Machine Learning Capabilities For Human Resources Management	Prof. Dinesh Singh Dhakar	04/01/2024	02/02/2024	The Patent Office Journal No. 05/2024
15.	202421003870	Improved mobility ratchet mechanism for wheelchairs designed for individuals with disabilities	Prof. Pramod Deshmukh Prof. Sonali Jadhav Prof. Devakant Baviskar Mr. Shubham Patil Mr. Aniket Pawar Mr. Jayesh Pandhare Mr. Praful Annadate	19/01/2024	09/02/2024	The Patent Office Journal No. 06/2024
16.	202321083447	Automated Eco-Friendly Cloth Vending Machine For Reducing Plastic Bag Usage	Dr. Sheetal Bukkawar	07/12/2023	05/01/2024	The Patent Office Journal No. 01/2024
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18.	202221029767	IOT Based car with face mask detector	Dr. Sheetal Bukkawar Dr. Manjusha Deshmukh Prof. Monali Deshmukh Prof. Sujata Bhairnallykar Prof. Nilesh B.B. Patil Mr. Nayan Patil Mr. Ashwin Sonawane Mr. Pratik Talekar	24/05/2022	1/12/2023	The Patent Office Journal No. 48/2023



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19.	202241075373	Deep Learning based technique for automatic traffic anomaly detection on the road network	Prof. Shatabdi Bhalerao Prof. Hemlata Gosavi	23/12/2022	Published date 27/01/2023	The Patent Office Journal No. 04/2023
20.	202021034358	Compact J-shaped fractal antenna for UWB application	Dr. Sheetal Bukkawar	8/11/2020	Published date 10/06/2022	The Patent Office Journal No. 23/2022
21.	202121056763	Thermal Analysis On Battery System For Electric Vehicle (Battery Cooling)	1. Prof. Chodankar Vishnudas 2. Prof. Quazi Taquiuddin Z. 3. Mr. Ajay Malusare	07/12/2021	Published date 25/03/2022	The Patent Office Journal No. 12/2022
22.	202121031303	An Automatic detection of Brain Tumor by Glioma Magnetic Resonance (MR) Images Segmentation and Classification based on a deep learning Approach	1. Prof. Maahi A. Khemchandani	12/07/2021	Published date 11/02/2022	The Patent Office Journal No. 06/2022
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24.	201921047449	Robotic Sewer Inspection Cleaning and Toxic gas Neutralization System	1. Prof. Diksha Gautam Kumar 2. Prof. Ragini Sharma 3. Prof. Shraddha Subhedar 4. Prof. Prasanna Raut	21/11/2019	Published Date 28/05/2021	Publication Number 22/2021
25.	201921048195	System and Method to detect quality of a product	1. Dr. Manjusha Deshmukh 2. Prof. Vaishali Jadhav 3. Prof. Suhasini Parvatikar 4. Prof. Sujata Bhairnallykar 5. Prof. Arti Gore	25/11/2019	Published Date 28/05/2021	Publication Number 22/2021
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27.	202121001389	Multipurpose Seed Sowing Machine	1. Prof. Madhukar B. Sorte 2. Prof. Pramod Deshmukh	12/01/2021	Published Date 29/01/2021	The Patent Office Journal No. 05/2021
28.	202021051673	Method to identify hypertension & cardiovascular diseases by analyzing blood flow patterns using ANN	1. Dr. Manjusha Deshmukh 2. Prof. Monali Deshmukh	27/11/2020	Published Date 01/01/2021	Publication Number 01/2021
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30.	202021046901	Water Cleaning Robot	Prof. Nilesh Patil	27/10/2020	Published Date 20/11/2020	The Patent Office Journal No. 47/2020
31.	202021045947	Pothole repairing Machine using waste plastic in mixes	1. Prof. Amit Patil 2. Prof. T. Z. Quazi 3. Prof. P.D Ingle 4. Prof. Siddhesh Lad 5. Prof. Vishnudas Chodankar	21/10/2020	Published Date 13/11/2020	The Patent Office Journal No. 46/2020
32.	202021038639	Categorization of Plant Leaf Using Deep Learning Techniques	1. Dr. Deepa Parasar 2. Prof. Suhasini Parvatikar 3. Yogesh Jadhav	07/09/2020	Published Date 18/09/2020	The Patent Office Journal No. 38/2020
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36.	302238	Approximate straight-line mechanism and design	Prof. Sachin G. Solanke	8/2/2018	Published Date 05/07/2019	Design Accepted and Published, Journal No. 27/2019
37.	292542	Robot	1. Prof. S. N. Teli 2. Prof. Madan Jagtap 3. Prof. Siddhesh Lad 4. Mr. Mayur Rathod 5. Mr. Prathamesh Parab 6. Mr. Kunal Sawant 7. Mr. Gajan Patil	4/6/2017	Published Date 17/5/2019	Design Accepted and Published, Journal No. 20/2019
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39.	276996	Pipe inspection Robot	1. Prof. S.N.Teli 2. Mr. Tejas Mhetre 3. Mr. Krishna Kumbhar 4. Mr. Akshay Bhosale 5. Mr. P. S. Buchade	10/23/2015	Published Date 20/01/2017	Design Accepted and Published, Journal No. 03/2017