



## Research & Development

# PATENTS

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/YYYY)	Patent Publication Number / Patent Granted Number
1	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
2	201921047045	A compact semi-circular slotted fractal UWB monopole antenna	Dr. Sheetal Bukkawar	19/10/2019	Published date 03/06/2022 <b>Patent Examination</b> (Response to Examination report submitted on 17/08/2022)	The Patent Office Journal No. 22/2022
3	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
4	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
5	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	Published Date 06/12/2019 <b>Patent Granted</b> 29/10/2021	The Patent Office Journal No. 49/2019
6	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	Published Date 10/09/2021 (Examination form submitted)	The Patent Office Journal No. 37/2021



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9	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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11	202121001389	Multipurpose Seed Sowing Machine	1. Prof. Madhukar B. Sorte 2. Prof. Pramod Deshmukh	12/01/2021	Published Date 29/01/21	The Patent Office Journal No. 05/2021
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15	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



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23	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
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