

PATENT PUBLISHED/ GRANTED

S. No.	Patent Application No.	Status of Patent (Published / Granted)	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
2021-2022 (Submitted:1, Published: 5, Granted: 1) = 7							
1	202221029767	Submitted	IOT based car with face mask detector	Dr. Manjusha Deshmukh, Dr. Sheetal Bukkawar, Sujata Bhairnallykar, Monai Deshmukh, Nilesh Patil, Nayan Patil, Ashwin Sonawane, Pratik Talekar	24/05/2022		
2	202021034358	Published	Compact J-shaped fractal antenna for UWB application	Dr. Sheetal Bukkawar	8/11/2020	10/06/2022	The Patent Office Journal No. 23/2022 Dated 10/06/2022

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	Engineering Programme	Technical Training	Research	Publication	
3	201921047045	Published	A compact semi- circular slotted fractal UWB monopole antenna	Prof. Sheetal Bukkavar	19/10/2019 03/06/2022 The Patent Office Journal No. 22/2022 Dated 03/06/2022
4	202121056763	Published	Thermal Analysis On Battery System For Electric Vehicle (Battery Cooling)	1 . Chodankar Vishnudas Alias Vipul Luvu 2 . Quazi Taquiuddin Z. 3 . Ajay Malusare	07/12/2021 25/03/2022 The Patent Office Journal No. 12/2022 Dated 25/03/2022
5	201921049384	Granted	System and Method to Manufacture Paver blocks from Waste Plastic Bottles	Dr.Manjusha Deshmukh Prof. Roshni John Prof. Prasanna Raut Prof. Amit Mane	02/12/19 Granted date: Date of Certificate Issue: 29/10/2021 The Patent Office Journal No. 49/2019 Dated 06/12/2019
6	202121039500	Published	Method of identification of leakage prone points in water pipelines	Dr. Saumya Singh Aditya J. Pukale Dhananjay K. Gade Omkar M. Manjare Sagar G. Mhashilkar	31/08/21 10/09/21 The Patent Office Journal No. 37/2021 Dated 10/09/2021

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7	202021054822	Published	Design & Fabrication of advanced mine detecting and neutralizing robot	Sunil Vishnu Jankar	17/12/20	10/09/21	The Patent Office Journal No. 37/2021 Dated 10/09/2021
2020-2021 (Published: 14)							
8	201921047449	Published	Robotic Sewer Inspection Cleaning and Toxic gas Neutralization System	Diksha Gautam Kumar Prof. Shraddha Subhedar Prof. Ragini Sharma Prof. Prasanna Raut	21/11/19	28/05/2021	Publication Number 22/2021
9	201921048195	Published	System and Method to detect quality of a product	Dr. Manjusha Deshmukh Prof. Vaishali Jadhav Prof. Suhasini Parvatikar Prof. Sujata Bhairnallykar Prof. Arti Gore	25/11/19	28/05/2021	Publication Number 22/2021

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10	201921037718	Published	System and Method to detect Quality of fruit	Dr.Manjusha Deshmukh	18/09/19	26/03/2021	Publication Number 13/2021
11	202121001389	Published	Multipurpose Seed Sowing Machine	Madhukar B. Sorte	12/01/21	29/01/21	The Patent Office Journal No. 05/2021 Dated 29/01/2021
12	202021051673	Published	Method to identify hypertension & cardiovascular diseases by analyzing blood flow patterns using ANN	Dr. Manjusha Deshmukh Prof. Monali Deshmukh	27/11/20	01/01/21	Publication Number 01/2021
13	202021051684	Published	A trust worthy system based on Blockchain and Artificial Intelligence for farmers empowerment.	Dr.Manjusha Deshmukh Prof.Vaishali Jadhav Prof.Diksha Kumar	27/11/20	01/01/21	Publication Number 01/2021

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14	202021046901	Published	WATER CLEANING ROBOT	Nilesh Patil	27/10/20 20/11/20 The Patent Office Journal No. 47/2020 Dated 20/11/2020
15	202021045947	Published	Pothole repairing Machine using waste plastic in mixes	Prof. Amit Patil Prof.T.Z. Quazi Prof.PD Ingle Prof.Siddhesh Lad Prof. Vishnudas Chodankar	21/10/20 13/11/20 The Patent Office Journal No. 46/2020 Dated 13/11/2020
16	202021038639	Published	Categorization of Plant Leaf Using DeepLearning Techniques	1 . Dr.Deepa Parasar 2 . Suhasini Parvatikar 3 . Yogesh Jadhav	07/09/20 18/09/20 The Patent Office Journal No. 38/2020 Dated 18/09/2020
17	332817-001	Submitted	Custard Apple deseeding Machine	Madan Mohanrao Jagtap	05/09/20 Cbr Number:15834

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18	202021033064	Published	Solar Distiller	MADAN MOHANRAO JAGTAP	01/08/20 28/08/20 The Patent Office Journal No. 35/2020 Dated 28/08/2020
19	202021035420	Published	Aquatic animal friendly ocean cleaning system	Dr.Manjusha Deshmukh Prof.Vaishali Jadhav Prof. Diksha Kumar Prof.Maahi Khemchandani Prof.Ragini Sharma Prof.Prasanna Raut	17/08/20 28/08/20 The Patent Office Journal No. 35/2020 Dated 28/08/2020
20	202021037027	Published	Moisture Sensor based Automatic Irrigation system	1 . Sujaya Wadekar 2 . Roshni John 3 . Rutuja Koli 4 . Prachi Walanju 5 . Swati Rathod 6 . Prasad Rote	27/08/20 11/09/20 The Patent Office Journal No. 37/2020 Dated 11/09/2020
21	202021031644	Published	Smart bins and their monitoring with signal at workstations	Prof.Suhasini Parvatikar Prof.Sujata Bhairnallykar Prof.Monali Deshmukh Prof.Rina Bora	24/07/20 28/08/20 The Patent Office Journal No. 35/2020 Dated 28/08/2020

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2019-2020 (Published: 3)

22	202011005557	Published	Hybrid energy Management system using solar,wind,Fuel cell sources for remote region	Dr Fauzia Siddiqui, Prof. Paramjit Thakur	07/02/2020	21/02/2020	The Patent Office Journal No. 08/2020 Dated 21/02/2020
23	302238	Published	Approximate straight-line mechanism and design	Prof.Sachin G. Solanke	8/2/2018	7/5/2019	Design Accepted and Published, Journal No is 27/2019 and Journal Date is 05/07/2019
24	292542	Published	Robot	Prof.S.N.Teli Prof.Madan Jagtap Prof.Siddhesh Lad Prof Mayur Rathod Prof.Prathamesh Parab Prof.Kunal Sawant Prof.Gajan Patil	4/6/2017	5/17/2019	Design Accepted and Published, Journal No is 20/2019 and Journal Date is 17/05/2019

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Technical Training

Research

Publication

2018-2019 (Published: 1)

25	201621015361	Published	Automatic transmission for vehicle	Prof. S.N. Teli, Prof. Sagar Devichand Pati	5/3/2016	1/5/2018	Publication Number 01/2018
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2017-2018 (Published: 1)

26	276996	Published	Pipe inspection Robot	Prof. S.N.Teli Prof. Tejas Mhetre Prof. Krishna Kumbhar Prof.Akshay Bhosale Prof. P.S.Buchade	10/23/2015	20/01/2017	Design Accepted and Published, Journal No is 03/2017 and Journal Date is 20/01/2017
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