



**VASANTDADA PATIL PRATISHTHAN'S COLLEGE OF
ENGINEERING AND VISUAL ARTS**

Department of Information Technology

Patent Granted in A.Y. 2023-24

Sr. No.	Name of Faculty	Title of Invention	Application Date	Date of Granted	Patent No.
1	Dr. Neeraj Sharma	Senor Based Chemical Mixing Device for Agricultural Farm	10-July-2023	21-July-2023	6295355
2	Dr. Neeraj Sharma	AI based drone for crop health monitoring	30-Dec-2023	13-Jan-2024	6336869

Patent Published in A.Y. in 2023-24

Sr. No.	Name of Faculty	Title of Invention	Date of Filing	Date of Published	Patent No.
1	Dr. Gaytri Bachhav	Automated Bug Detection and Repair in Software using Block chain Technology	1-Aug-2023	24-Nov-2023	202321051593
2	Mrs. Sonali Pakhmode	Hybrid-Based Medical Imaging Techniques for Early Diagnosis and Prevention of Cardiovascular Diseases	14-June-2023	18-Aug-2023	202341040395
3	Mrs. Sonali Pakhmode and Mrs. Vijaya Sagvekar	Convolutional Neural Network Based Technique to Identify the Security and Privacy Issues in Internet of Things Based Big Data Cloud Systems	7-May-2023	18-Aug-2023	202341032275

Patent Granted in A.Y. 2022-23

Sr. No.	Name of Faculty	Title of Invention	Application Date	Date of Granted	Patent No.
1	Dr. Kavita Wagh	Hybrid Wifi Router	23-Jan-2023	23-March-2023	378192-001



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Patent Published in A.Y. 2022-23

Sr. No.	Name of Faculty	Title of Invention	Date of Filing	Date of Published	Patent No.
1	Dr Pradip Mane	Pothole detection and filling using plastic waste	26-Jan-2023	24-Mar-2023	202321005255
2	Dr. Neeraj Sharma	A Secure Lightweight Location Based Group Key Agreement In Wireless Communication	13-April-2023	19-May-2023	202321027402
3	Dr Pradip Mane and Mrs, Vijaya Sagvekar	Predicting Overall Customer Satisfaction for an Effective Product Opinion Analysis on E-commerce Website	26-Jan-2023	10-Feb-2023	202311005260
4	Dr. Gaytri Bachhav	The Secured Channel Establishment Algorithm For The Isolation Of Misdirection Attack In IOT	29-Nov-2022	9-Dec-2022	202221068833

Patent Granted in A.Y. 2020-21

	Name of Faculty	Title of Invention	Application Date	Date of Granted	Patent No.
1	Dr. Pradip Mane	Artificial Intelligence Based Computational Model for Spatial-Temporal and Emotional Reasoning of Humanoid Robots		23-June-2021	2021102704

Patent Published in A.Y. 2020-21

Sr. No.	Name of Faculty	Title of Invention	Date of Filing	Date of Published	Patent No.
1	Mr. Pravin Shinde	Intelligent Automation and Security System for Airports	14-Jan-2021	29-Jan-2021	202121001799