



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

Faculty Achievements 2024-25 (Patent / Copyright)

Sr. No	Patent/ Copyright Application No.	Status Of Patent/ Copyright	Inventor/S Name	Title Of Patent	Applicant/S Name	Patent / Copyright Filed Date	Patent / Copyright Publish Date	Patent Granted Date	Assignee/S Name	Type Of Ipr
1	19554/2024-Co/sw	Published	Anagha Patil	Air And Water Quality Analysis Using Iot And MI	Anagha Patil	12/08/2024	8/10/2024		Vidyavardhini's College Of Engineering And Technology	Copyright
2	202421066676	Published	Vaishali Shirsath	Rényi Entropy-Based Slow-Rate Tcam Exhaustion Attack Detection In Sdn With Programmable Switches	Vaishali Shirsath	03/09/2024	01/11/2024		Vidyavardhini's College Of Engineering And Technology	Utility Patent
3	25477/2024-co/sw	Filed	Anagha Patil	Revolutionizing Shrimp Farming With Iot Based Monitoring And Control	Anagha Patil	12/08/2024			Vidyavardhini's College Of Engineering And Technology	Copyright
4	25516/2024-co/sw	Filed	Anagha Patil	Roundgen: Sports Event Scheduler Using Genetic And Round-Robin Algorithm	Anagha Patil	12/08/2024			Vidyavardhini's College Of Engineering And Technology	Copyright

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY****DEPARTMENT OF INFORMATION TECHNOLOGY**

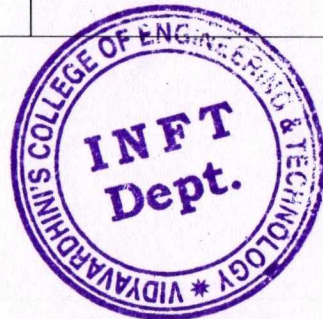
K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

5	20242108570 2	Filed	Suresh Rajpurohit Vaishali Shirsath Dr. Thaksen Parvat Dr. Madhavi Waghmare Pragati Patil Jessica Falcao Snehal Mhatre	A Deep Learning-Based System For Identifying Currency Notes For Visually Impaired Individuals And Its Method Thereof	Suresh Rajpurohit Vaishali Shirsath Dr. Thaksen Parvat Dr. Madhavi Waghmare Pragati Patil Jessica Falcao Snehal Mhatre	11/7/2024	07/03/2025	Vidyavardhini's College Of Engineering And Technology	Utility Patent
6	433651-001	Published	Suresh Rajpurohit Vaishali Shirsath Dr. Thaksen Parvat Dr. Madhavi Waghmare Pragati Patil Jessica Falcao Snehal Mhatre Anagha Patil	Smart Fragrance Dispenser For Washrooms	Suresh Rajpurohit Vaishali Shirsath Dr. Thaksen Parvat Dr. Madhavi Waghmare Pragati Patil Jessica Falcao Snehal Mhatre Anagha Patil	11/10/2024		Vidyavardhini's College Of Engineering And Technology	Design Patent
7	20242107059 8	Published	Suresh Rajpurohit Vaishali Shirsath Pragati A. Patil	A System For Predicting The Progression Of Chronic Kidney Disease (Ckd)	Suresh Rajpurohit Vaishali Shirsath Pragati A. Patil	18/09/2024	25/10/2024	Vidyavardhini's College Of Engineering And Technology	Utility Patent



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

8	2024152245	Published	Suresh Rajpurohit	Aqua Drone To Collect Floating Waste From Water Reservoir	Suresh Rajpurohit	30 /7/ 2024	13/9 /2024	13 /9/ 2024	Vidyavardhini's College Of Engineering And Technology	Design Patent
9	37336/2024-co/sw	Filed	Suresh Rajpurohit Vaishali Shirsath Dr. Thaksen Parvat Pragati Patil Jessica Falcao Snehal Mhatre	Modified Resnet 50 Algorithm	Suresh Rajpurohit Vaishali Shirsath Dr. Thaksen Parvat Pragati Patil Jessica Falcao Snehal Mhatre	27-11-2024			Vidyavardhini's College Of Engineering And Technology	Copyright
10	10230/2025-co/sw	Filed	Suresh Rajpurohit Dr. Thaksen Parvat	Melanoma_Skin_Cancer_Detection On Process Date Using Machine Learning	Suresh Rajpurohit Dr. Thaksen Parvat	20/03/2025			Vidyavardhini's College Of Engineering And Technology	Copyright
11	10229/2025-Co/Sw	Filed	Suresh Rajpurohit Dr. Thaksen Parvat	Melanoma_Skin_Cancer_Detection On Preprocess Date Using Machine Learning	Suresh Rajpurohit Dr. Thaksen Parvat	20/03/2025			Vidyavardhini's College Of Engineering And Technology	Copyright



P. T. Law
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401 202.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

Faculty Achievements 2023-24 (Patent / Copyright)

Sr. No	Patent/ Copyright Application No.	Status Of Patent/ Copyright	Inventor/s name	Title of patent	Applicant/s name	Patent / Copyright filed date	Patent / Copyright Publish date	Patent granted date	Assignee/s name	Type of IPR
1	400637-001	Published	Suresh Rajpurohit	IOT BASED AGRICULTURE ROBOT FOR PESTICIDES SPRAYING	Suresh Rajpurohit	20/11/2023	24/11/2023	24/11/2023	Vidyavardhini's College of Engineering and Technology	Design Patent
2	6323442	Registered	Suresh Rajpurohit	Device to utilise Smart car parking	Suresh Rajpurohit	03/10/2023	03/11/2023	20/11/2023	Vidyavardhini's College of Engineering and Technology	Design Patent
3	20 2023 106 483.3	Registered	Suresh Rajpurohit	Disease prediction system based on machine learning technique	Suresh Rajpurohit	7/11/2023	12/12/23	18/1/2024	Vidyavardhini's College of Engineering and Technology	Utility Patent
4	3549/2024-CO/SW	Registered	Anagha Patil, Aditya Trivedi, Tanmay Arsanian, Rishabh Nahar, Anish Mohite	START-UP FUNDING APP USING FLUTTER AND ML	Anagha Patil	31/01/2024	19/03/2024		Vidyavardhini's College of Engineering & Technology, Vasai	Copyright



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

5	20244100665 2A	Registered	Anagha Patil	A SAFETY NETWORK SYSTEM USING IOT TECHNOLOGY FOR AUTOMATIC AND REMOTE CONTROLLING OF BUS RIDE STATIONS (RENE)	Anagha Patil	01-02-2024	01-03-2024		Vidyavardhini's College of Engineering & Technology, Vasai	Design
6	3419/2024- CO/SW	Registered	Anagha Patil, Kedar Malap, Himadri Manna, Suraj Mahto, Yash Raut	STOCK PRICE PREDICTION USING LINEAR REGRESSION	Anagha Patil	31/01/2024	13/03/2024		Vidyavardhini's College of Engineering & Technology, Vasai	Copyright
7	394779-001	Published	Vaishali Shirsath	ML BASED ROBOT FOR INDUSTRY APPLICATIONS	Vaishali Shirsath	9/9/2023	11/2/2023	Journal No.44/202 3-394779- 001	Vidyavardhini's College of Engineering & Technology, Vasai	Design



P. T. Law

HEAD

Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401 202.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
K.T. Marg, Vasai Road (W), Dist-Palghar - 401202, Maharashtra

Faculty Achievements 2022-23 (Patent / Copyright)

Sr. No	Patent/ Copyright Application No.	Status Of Patent/ Copyright	Inventor/s name	Title of patent	Applicant/s name	Patent / Copyright filed date	Patent / Copyright Publish date	Patent granted date	Assignee/s name	Type of IPR
1	202022106 165.3	Published	Bansode Rajesh, Neve Rahul, Patil Sainath, Pavate Aruna, Sall Sunny	A system for determining the shortest path to eliminate network overhead during communication	Bansode Rajesh, Neve Rahul, Patil Sainath, Pavate Aruna, Sall Sunny	03-11-2022	22-12-2022		Vidyavardhini's College of Engineering & Technology, Vasai	Utility Patent
2	6288561	Registered	Vaishali Shirsath	Intelligent Waste Collector Bin	Vaishali Shirsath	08-06-2023	17-06-2023		Vidyavardhini's College of Engineering & Technology, Vasai	Design Patent



P. T. Law
HEAD
Dept. of Information Technology
Vidyavardhini's College of
Engineering and Technology.
Vasai Road 401 202.