

Modern Education Society's
Wadia College of Engineering, Pune-411001
Department of Electronics & Telecommunication Engineering
Copyright / Patents

A.Y. 2022-23

<u>Sr.No</u>	Name of the Faculty	Patent details	Published Date	Country	Patent Title
1	Dr. M. P. Dale	Design Patent 392070	16-03-2022	India	Noninvasive Blood glucose estimation by photoplethysmograph using single pulse technique with cepstral coefficients

A.Y. 2023-24

<u>Sr.No</u>	Name of the Faculty	Patent details	Published Date	Country	Patent Title
1	Dr. M. P. Dale	423973-001	20/07/2024	India	Artificial Intelligence Based Organic Compost Machine
2	Dr.Kanchan S. Tiwari	202341035602A	16/06/2023	India	Patent : Automatic Forest Fire Protection and Wild Animal Protection
3	Dr.Kanchan S. Tiwari	202341042561	26/6/2023	India	Patent: IOT Based Heavy Vehicles Fire accident detection and emergency alert system
4	Dr.Kanchan S. Tiwari	202441020897	29/03/2024	India	Iot Based automated Water Tank Maintenance and PH Level Monitoring in huge Water Supply Regions
5	Dr.Kanchan S. Tiwari	202441035226	3-5-2024	India	Iot Based Rain Forecasting along with flood detection and automated alert system using AI
6	Dr.Kanchan S. Tiwari	L-139009/20239 (copyright)	20/12/2023	India	METHODOLOGY FOR IMAGE GENERATION FROM TEXT USING NEURAL NETWORK TECHNIQUES.

7	Dr.Kanchan S. Tiwari	202341057835	12-01-2024	India	Enhanced Forensic Investigation using Fuzzification of Digital Evidence
8	Dr. Mrinai Dhanvijay	415239-001	29/04/2024	India	STUDENTS IQ LEVEL CHECKING DEVICE
9	Dr. Rekha Shashikant Kadam	202441038433 A	24/05/2024	India	IOT BASED PLANTS HEALTH MONITORING (NUTRITION CONTROL) AND DISEASE PREDICTION AND CONTROL SYSTEM USI
10	Dr P B Chopade	202321025187 A	5-5-2023	india	Design of Innovative 4 port MIMO Antenna array for 5G Applications

A.Y. 2024-25

<u>Sr.No</u>	Name of the Faculty	Patent details	Published Date	Country	Patent Title
1	Yogita Ajar	427915-001	23/8/2024	India	AI BASED DEVICE FOR CLOUD SECURITY DETECTION
2	Yogita Ajar	6407722	5-12-2024	UK	Electronic Stethoscope for Tele health check up
3	Dr.Piyanka Bagul	6407722	5-12-2024	UK	Electronic Stethoscope for Tele health check up
4	Dr. Mrinai Dhanvijay	444846-001	20/01/2025	India	BIOMETRIC AUTHENTICATING WRISTBAND
5	Dr. Pranoti Mane	Design Patent 443892-001	27/03/2025	India	AI-based device for splicing optical fibres
6	Dr. Pranoti Mane	202441093854	13/12/2024	India	AI Based Scalable Method and System for Text and Media Generation
7	Dr. Pranoti Mane	473344-001	12-09-2025	India	Innovative EEG Headband Design for Brain Signal Recording
8	Dr. Rekha Shashikant Kadam, KST, MPD, MMD	Design Patent 444846-001	20/01/2025	India	Biometric Authenticating Wrist band

9	Suchita Ganage	202541036730	9-5-2025	India	Predictive analytics model for assessing stroke risk using ensemble machine learning
10	Dr. K. S. Tiwari	202541018534	21/03/2025	India	Patent: IoT based Smart Walking for visually challenged peoples using AI
11	Dr. P. B. Chopade	467615001	28/07/2025	India	Portable Grid Analysing device
12	Dr. P. N. Kota	456350-001	23-04-2025	India	Wearable Smart Shoe
13	Dr. P. N. Kota	467615-001	28-07-2025	India	Portable Grid Analyzing Device