Patents (Published/Granted) by faculty members in last 4 years

Sr. No.	Name & Title of Patents	Patent Number	Published / Granted Date	Name of the Faculty Members (DJSCE)	Year
1	An intraductal patent ductus arteriosus occlusion device and method for making the same	Patent number: 31181	07-01-2019	Dr. Vaibhavi Sonetha	2019
2	Smart Networked Street Lighting System Using Non-Conventional Energy Sources	Patent number: 424075	04-03-2023	Dr. Narendra Shekokar, Dr. Aruna Gawade	2020
3	A Method and System for Implementing XML and XQUERY to perform Read and Write operations in minimum number of calls	Application No. 2021107468	05-02-2021	Prof. Arjun Jaiswal, Prof. Neha Katre, Prof. Harshal Dalvi	2021
4	Advanced Traffic Light Violation Monitoring System based on GSM Technology	Application No. 202141043270 A	01-10-2021	Prof. Harshal Dalvi	2021
5	Deep learning based Language Translator	Publication No. 202141049460	05-11-2021	Prof. Harshal Dalvi, Prof. Pankaj Sonawane Dr. Narendra Shekokar, Prof. Pranit Bari	2021
6	An Improved Method for Sentiment Analysis using a Novel Approach for Cross Domain Adaption.	Application No. 20212101910 A	28-05-2021	Dr. Narendra Shekokar, Dr. Hari Vasudevan	2021
7	A Method for Securing Low Constrained Devices of the IoT Network	Application No. 202121042499 A	26-11-2021	Dr. Narendra Shekokar, Dr. Hari Vasudevan	2021
8	An Oil Press System and A Method for Oil Extraction Using Human Powered Flywheel Motor as an Energy Source	Application No. 2021104277	04-05-2022	Dr. Atul Dhale	2021
9	System-on-Chip Controller for On-board Battery Charger in 2 and 3 Wheeler Electric Vehicle Applications	Application No. 202121026340	16-07-2021	Prof. Darshana Sankhe	2021
10	Method for Geo-Tagging	Publication No. 32/2021	06-08-2021	Dr. Chetashri Bhadane	2021
11	An Intelligent Tutoring System for English Punctuation	Publication No. 49/2021	03-12-2021	Prof. Lakshmi Kurup, Dr. Meera Narvekar	2021
12	Online Examination Monitoring Device	Application No. 202221068170	16-12-2022	Dr. Narendra Shekokar, Dr. Aruna Gawade, Dr. Kranti Ghag	2022
13	Big Data Source to Detect the Data Leaks using SQL and AI System	Publication No. 33370	13-05-2022	Dr. Nilesh Patil	2022
14	Machine Learning Architecture for News Reporting Texts in Social Networks for Detection of Fake News	Application No. 202221057260	16-12-2022	Dr. Nilesh Patil	2022
15	Contactless Breathing Rate Detector for Smart Cradle	Application No. 202221004780	28-01-2022	Dr. Vinaya Sawant, Dr. Hari Vasudevan	2022
16	Wearable Brain Computer Interface System to Recognize Human Emotions and Gesture Using Supervised Machine Learning	Publication No. 18/2022	06-05-2022	Dr. K.N. Vijayakumar	2022
17	Sensor Based Intelligent Wearable Neck Patch to Detect and Diagnose Early Warning Signs of Strokes	Publication No. 44/2022	04-11-2022	Dr. K.N. Vijayakumar	2022
18	Deep Learning Approach for Brain Tumor Detection and Classification using Multistage Convolutional Neural Networks	Publication No. 52/2022	30-12-2022	Dr. K.N. Vijayakumar	2022
19	A System for Promoting Plastic Pollution Awareness Amongst Young Children Through App Based Gamification	Application No. 202121058677	18-03-2022	Prof. Ruhina Karani	2022
20	Artificial Intelligence Based Smart Watch to Diagnose Parkinson's Disease using efficient Gait Analysis	Publication No. 01/2023	06-01-2023	Dr. K.N. Vijayakumar	2023
21	Smart Intelligent Wheelchair for Assisting Disabled Athletes using Compensation Algorithm	Publication No. 02/2023	13-01-2023	Dr. K.N. Vijayakumar	2023