

Patents: (Granted: 06, Published:05)

Sr.no	Patent:11
1	Automatic pancreas Segmentation using A Novel Modified Semantic Deep Learning Bottom-Up Approach. Patent No. 2021102976 (Grant), Dr.Pradip Paithane, Dr. Sangita Kakarwal, Dr. R. R. Deshmukh
2	A System for Real-Time Prediction of Actions and Identities of People in Videos (Federal Republic of Germany certificate on the registration of utility model no. 202022100596) (Granted) Dr.Ashwini Gawali,Dr. Sangita Kakarwal,Dr. R. R. Deshmukh
3	South Africa Patent File-Application No. 2022/08617(Granted)Ms. Chitra Gaikwad, Dr. R. R. Deshmukh
4	Machine Learning Spectral Index For Multispectral Satellite Sensors In Agricultural Drought Analysis and Prediction (Application No.202321006863A) (filled) Ms. Rashmi Nitwane, Dr. R. R. Deshmukh
5	Smart Desk for Malpractice Prevention using Cloud Security. Application No. 202221002889 (Published) Dr. C. D. Sukte, Dr. R. R. Deshmukh
6	Method for Non-Intrusive Automated Detection and Prediction of Prostate Cancer in MRI Images. Application No. 202121052164 (Published) Dr.Ritesh Gangwal, Dr. R. R. Deshmukh.
7	Music Recommendation System and Method There of (PA No. 2058) (Published) Dr. Rajendra Pawar, Dr. R. R. Deshmukh
8	Method, Apparatus and System for Virtualized, Diskless Computing System for Educational Applications and Research (Application No.201721019076) (Granted)Dr. Babasaheb Sonawane, Dr. R. R. Deshmukh.
9	SAAD: Self adaptive apriori algorithm based embedded Systems Device. (Application No. 201721042194) (Published) Dr.Shubhangi Patil, Dr. R. R. Deshmukh
10	SOPES: Method, Apparatus, System, Protocol and Process of Self Organized Emergency Services. (Application No. 201821037901) (Granted) Dr.Kanchan Bhagat, Dr. R. R. Deshmukh.
11	A System for calculating surface water area(Application No:202024107074)(Granted) Dr. R. R. Deshmukh, Mr. Akshay V Kshirsagar
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1	Word2vec Semantic Similarity based Approach towards Product Recommendation. (RegNo. SW-15159/2021) Dr. Rajendra Pawar, Dr. R. R. Deshmukh
2	Automated system for identification segmentation and categorization of Brain Tumor using fuzzy system. (RegNo. SW-14829/2021) Mr. Rahul Mapari, Dr. Sangita Kakarwal, Dr. R. R. Deshmukh
3	Enhancing Performance of TDE Model in Hadoop Distributed file System. (RegNo. SW-14758/2021) Mr. Vishal Reddy, Dr. R. R. Deshmukh
4	A Tool for Finding red Edge Position and Spectral Features Using Hyper Spectral Data. (RegNo. SW-14635/2021) Ms. Anjana Ghule, Dr. R. R. Deshmukh
5	Discrimination between Healthy and Non-Healthy Maize leaf samples using Non-imaging Hyper Spectral Data. (RegNo, SW-28575/2021) Dr.Pooja V. Janse, Dr. R. R. Deshmukh
6	Python Module for image of Hyperion sensor of E01 Satellite. (RegNo. SW-16485/2021) Dr. R. R. Deshmukh
7	Wavelet analysis of meterological index SPI and Machine learning agricultural drought index (MLADI) (Reg:SW-16918/2023) Mrs.Rashmi Nitwane, Dr. R. R. Deshmukh
8	Regression Modeling of advace agricultural drought index and its comparative analysis. with the precipitation based drought indices SPI and SPEI (Reg:SW-16902/2023) Mrs.Rashmi Nitwane , Dr. R. R. Deshmukh

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9	Statistical Analysis of Remote Sensing Drought Indices (Reg:SW-16152/2023) Dr. R. R. Deshmukh, Mrs.Rashmi Nitwane
10	Advance agricultural drought index for regional drought mitigation and planning systems: A Machine Learning Tool (Reg: SW-18399/2024) Mrs.Rashmi Nitwane, Dr. R. R. Deshmukh
11	Honey Adulteration detection system using hyperspectral techniques. (Reg:SW-19415/2024 Dr.Mukhtar Al-Awadhi,Dr. R. R. Deshmukh