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Patent and Publication Details A.Y. 2023-24

Table 1: Patent Data

Sr. No.	Name of Inventors	Application No. / Publication No.	Title of the Invention	Status Published / Granted
1	Dr. Jaikumar M. Patil	202321060974	INTELLIGENT TRAFFIC MANAGEMENT SYSTEM FOR SMART CITIES USING IOT AND MACHINE LEARNING TECHNOLOGIES	Published
2	Dr. Jaikumar M. Patil	202321062076	CYBER SECURITY BASED RISK ASSESSMENT AND MANAGEMENT SYSTEM USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING FOR ENTERPRISE NETWORKS	Published
3	Dr. Jaikumar M. Patil	202311069353	A SECURITY PATROL ALL TERRAIN ROBOT	Published
4	Prof. C. M. Mankar	202321032278 A	MRI TUMOUR IMAGE CLASSIFICATION SYSTEM BASED ON IDENTIFICATION OF POTENTIAL FEATURE	Published
5	Dr. P. K. Bharne	202321036087	AN IOT BASED BABY MONITORING SYSTEM FOR SMART CRADLES	Published
6	Dr. Ms. P. V. Deshmukh	202321055338 A	EFFECTIVE APPROACH FOR GENUINENESS OF VIEWS USING SENTIMENT ANALYSI	Published

7	Dr. Ms. P. V. Deshmukh	202321048240 A	SENTIMENT ANALYSIS OF MARATHI-ENGLISH CODE-MIXED DATA	Published
8	Dr. Ms. P. V. Deshmukh	202421005603 A	INTELLIGENT ISLANDING DETECTION SYSTEM FOR DISTRIBUTED GENERATION USING MACHINE LEARNING	Published

Table 2: Publication Data

Sr. No.	Name of Authors	Paper Title	Publication Details with ISSN / ISBN / Vol. / Issue / DOI / Year	International Journal / National Journal / Book Chapter / International Conference / National Conference	Indexing (SCI / Web of Science / Scopus / UGC CARE / Google Scholar / Other)	Paper Link
1	Dr. Jaikumar M. Patil	A Novel Approach to Fake News Detection Using Generative AI	International Journal of Intelligent Systems and Applications in Engineering /	International Journal	Scopus	https://ijisae.org/index.php/IJISAE/article/view/3797
2	Dr. Jaikumar M. Patil	Studies on the Use of Various Noise Strategies for Perturbing Data in Privacy-Preserving Data Mining	International Journal of Intelligent Systems and Applications in Engineering	International Journal	Scopus	https://ijisae.org/index.php/IJISAE/article/view/4119
4	Prof. C. M. Mankar	Mobile Cum Web Based Voting System for Rural Areas in India	International Journal of Distributed and Cloud Computing, (June 23, 2013). IJDCC Volume 1 Issue 2 December 2013 ISSN: 2321-6840 ISBN: 9783659618550, 3659618551	International Journal	Reviewed Journal	https://ssrn.com/abstract=2403182
5	Prof. V. S. Mahalle	An Enhanced Query Optimization Implemented in Hadoop using Bio-Inspired Algorithm with HDFS Technique	International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 11, Issue: 10 october 2023	International Journal	Scopus	https://doi.org/10.17762/ijritcc.v11i10.8517 https://ijritcc.org/index.php/ijritcc/article/view/8517

6	Prof. V. S. Mahalle, Narendra M. Kandoi, Santosh B. Patil	Book Title: Data Science and Big Data Analytics Chapter: Transfer Learning by Fine Tuning Pre-Trained Convolutional Neural Network Architectures for Image Recognition	IDBA: International Conference on Data Science and Big Data Analysis eBook ISBN: 978-981-99-9179-2 Page Number: 273	International Conference	Springer	https://link.springer.com/book/10.1007/978-981-99-9179-2 https://doi.org/10.1007/978-981-99-9179-2 Transfer Learning by Fine-Tuning Pre-trained Convolutional Neural Network Architectures for Image Recognition SpringerLink
7	Prof. V. S. Mahalle, Narendra M. Kandoi, Santosh B. Patil	A powerful method for interactive content - based image retrieval by variable compressed convolutional info neural networks	The Visual Computer: International Journal of Computer Graphics: 1432-2315	International Journal	SCIE, SCOPUS, UGC- CARE	https://link.springer.com/article/10.1007/s00371-023-03104-5 https://doi.org/10.1007/s00371-023-03104-5