R&D/P/01/00

School of Technology
Department of Computer Science and Engineering

Faculty-wise Publication Details for the Academic Year 2020-21

International Journal

1. Shivaprasad More, "Optimal Multipath routing for video transmission in VANETs", Wireless Personal Communication (WPC) Springer Journal on ISSN: 0929-6212 (print);1572.
2. Shivaprasad More, "Prepaid Energy Meter System", International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue 6, June 2020.
3. Dr. Sangram Patil, "ctive irrigation management system for agriculture using Machine Learning", Springer Nature, Volume 4.98, May 2021.
4. Dr. Sangram Patil, "Program recommendation system for students and coder through view history and feedback systems", IEEE Explorer, Nov 2020.
5. Dr. Sangram Patil, "Research paper on conceptual study of machine learning for agriculture development", Journal of Xi'am Shiyou University, Natural Science Edition, Volume 5.6, Issue 3, March 2021.
6. Pradeep Khot, "Cellular automata-based optimised routing for secure data transmission in wireless sensor networks", Journal of Experimental & Theorotical Artificial IntelligenceTaylor & Francis, Volume 33, Issue 4, February 2021.
7. Pradeep Khot, "Particle-Water Wave Optimization for Secure Routing in Wireless Sensor Network Using Cluster Head Selection", Wireless Personal Communication (WPC) Springer Journal, Volume 117, Issue 2, March 2021.
8. Pradeep Khot, "Cellular Automata Based Secured Data Transmission Technique in Wireless Sensor Networks", IJEITEE, Volume 9, Issue 5, March 2020.
9. Gurunath Machhale, "Privacy Preserved E-Voting System Using Blockchain", ICSMDI 2021 Elsevier Proceeding, April 2021.
10. Gurunath Machhale, "Corona Virus Disease (Novel COVID-19) detection in Chest X-Ray Images Using CNN Model", Mantech Publications, Volume 6, Issue 1, May 2021.
11. Dr. Archana Chougule, "Recognizing Fresh and Rotten Fruits Using Deep Learning Techniques", ICICC 2020 Springer Proceedings, May 2021.

International Conference

1. Deepika Patil, 'Prediction of Urban Air Pollution using machine learning techniques', SGBIT International E-Conference on Applications of Learning Techniques.

2. Rahesha Yasin Mulla, 'Review on Dialect Analysis', International Conference on Recent Advancement in Engineering & Technology(ICRAET), Volume 4, January 2021.

Patents applied:

No. of Patents applied=02

Sr. No.	Academic Year	Name of the faculty	Patent No.	Title	Authority	Date of Publication
1	2020-21	Pradeep Khot	202021025390A	An Intelligent Stenographer designed for Judiciary System	Indian Patent Office	21-08-2020
2	2020-21	Shivaprasad More	202021025367	Smart Washroom System	Indian Patent Office	17-07-2020