

Velagapudi Ramakrishna Siddhartha Engineering College (Autonomous): Vijayawada

DEPARTMENT OF COMPUTER APPLICATIONS

Publications during the Academic Year 2023-24

Sl. No.	Name of the Author	Title of the Paper	Publication Details	DOI	SCI/SCIE/ SCOPUS/ WOS/UGC
1	Kallam Anji Reddy	Performance Enhancement in Facial Emotion Classification Through Noise-Injected FERCNN Model: A Comparative Analysis	Ingenierie des Systemes d'Information, Vol.28, No.5. December 2023, 28(5), pp. 1161–1175, ISSN: 1633-1311	https://doi.org/10.18280/isi.280505	SCOPUS
2	Kuricheti Parish VenkataKumar	Deep residual convolutional neural Network: An efficient technique for intrusion detection system	Expert Systems with Applications, Volume 238, Part B, January 2024,121912, ISSN 0957-4174	https://doi.org/10.1016/j.eswa.2023.121912	SCIE
3	B. Lakshmi	Segmentation and Classification of Interstitial Lung Diseases Based on Hybrid Deep Learning Network Model	IEEE Access, vol. 12, pp. 50444-50458, January 2024, ISSN: 2169-3536	Doi: 10.1109/ACCESS.2024.3383144	SCI
4	Esther Jyothi Veerapaneni	Designing a modified feature aggregation model with hybrid sampling techniques for network intrusion detection	Cluster Computing, Springer , One New York Plaza, Suite 4600 , New York, United States, NY, 10004, ISSN / eISSN: 1386-7857, Volume 27, pages 5913–5931 February 2024	https://doi.org/10.1007/s10586-024-04270-4	SCIE
5	Parish Venkata Kumar Kuricheti	ONBLR: An effective optimized ensemble ML approach for classifying liver cirrhosis disease. Biomedical Signal Processing and Control	Biomedical Signal Processing and Control, 89, 105882, March, 2024, ISSN 1746-8094	https://doi.org/10.1016/j.bspc.2023.105882	SCIE
6	Veerapaneni Esther Jyothi	An advanced ensemble load balancing approach for fog computing applications	International Journal of Electrical and Computer Engineering (IJECE), Vol. 14, No. 2, April 2024, pp. 1825~1833 ISSN: 2088-8708	http://doi.org/10.11591/ijece.v14i2.pp1825-1833	SCOPUS

7	Veerapaneni Esther Jyothi	Challenges and Artificial Intelligence–Centered Defensive Strategies for Authentication in Online Banking (Chapter 7) in the book Artificial Intelligence Enabled Management: An Emerging Economy Perspective	Walter de Gruyter GmbH & Co KG Publisher, Boston, June 2024, Pages:104-118, ISBN: 3111172406, 9783111172408	https://doi.org/10.1515/9783111172408	SCOPUS
8	V Esther Jyothi	Securing the Cyber Supply Chain: A Risk-based Approach to Threat Assessment and Mitigation	4th International Conference on Electronics and Sustainable Communication Systems (ICESC), 6-8 July 2023, organized by Hindusthan Institute of Technology, Coimbatore, India.	doi: 10.1109/ICESC57686.2023.10193255	IEEE Explore and SCOPUS
9	K.Parish Venkata Kumar, B.Lakshmi	Identification of presence of Epilepsy using Predictive Analytics	International Conference on Intelligent and Smart Computation (ICIASC-2023), 7-8, July, 2023, organized by Department of Computer Science and Engineering in collaboration with the University Centre of Research and Development, Chandigarh University, Campus – Gharuan, Mohali, Punjab, India.	doi: 10.1063/5.0199264	SCOPUS
10	Dr.K.Parish Venkata Kumar, Mrs.B.Lakshmi	Blockchain Technology: A Comprehensive Review and Future Directions	2 nd International Conference on. Augmented Intelligence and Sustainable Systems (ICAISS-2023), 23-25, August 2023, organized by CARE College of Engineering, Trichy, India.	10.1109/ICAISS58487.2023.10250707	IEEE Explore and SCOPUS
11	K. Parish Venkata Kumar	Predicting the Impacts of the Environment on the Probability and Severity of Electrical Injuries by AIML	2023 International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS), 27-28 Oct. 2023, Presidency University , Bangalore	doi: 10.1109/ICCAMS60113.2023.10525918	IEEE Explore and SCOPUS
12	K. Parish Venkata Kumar	Online Banking Security: An Experimental Study of Transaction Authorization Usability	2023 International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS), 27-28 Oct. 2023, Presidency University , Bangalore	doi: 10.1109/ICCAMS60113.2023.10525745	IEEE Explore and SCOPUS

13	B. Lakshmi	Monitor and Control Electricity for Home Appliance	2023 International Conference on New Frontiers in Communication, Automation, Management and Security (ICCAMS), 27-28 Oct. 2023, Presidency University , Bangalore	doi: 10.1109/ICCAMS60113.2023.10526144.	IEEE Explore and SCOPUS
14	K. Parish Venkata Kumar	UAVC: Unmanned Aerial Vehicle Communication Using a Coot Optimization-Based Energy Efficient Routing Protocol	2023 International Conference on Recent Advances in Science and Engineering Technology (ICRASET), 23-24 Nov. 2023	doi: 10.1109/ICRASET59632.2023.10420027	IEEE Explore and SCOPUS
15	B Lakshmi, K. Parish Venkata Kumar	Revolutionizing Facial Feature Extraction with AI: An Innovative Approach	5 th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2024), 11-12, March 2024, organised by Francis Xavier Engineering college, Tirunelveli, Tamil Nadu, India.	doi: 10.1109/ICICV62344.2024.00025	IEEE Explore and SCOPUS
16	Lakshmi B	Monitoring of web based Maintenance in shop floor AIML	International Conference of Embracing the Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future (EDH 2024), 13-14, March 2024, organised by Loyala college of Arts & Science , Mettala, Tamil Nadu, India		
17	V. Esther Jyothi	Vulnerability Classification for Detecting Threats in Cloud Environments Against DDoS Attacks	13 th IEEE International Conference on Communication Systems and Network Technologies CSNT-2024, 6 th & 7 th April 2024, organized by Department of Electronics & Communication Engineering Gyan Ganga Institute of Technology & Sciences, Jabalpur.	doi: 10.1109/CSNT60213.2024.10546199	IEEE Explore and SCOPUS
18	M. Prasanna Lakshmi	Machine Learning-Based Phishing Website Detection A Comprehensive Approach for Cyber security	5 th International Conference on Recent Trends in Computer Science and Technology (ICRTCST)- 2024”, 9-10 April 2024 organized by R.V. S. College of Engineering and Technology, Jamshedpur, Jharkhand, India.	doi: 10.1109/ICRTCST61793.2024.10578472	IEEE Explore and SCOPUS
19	B Lakshmi, K Parish Venkata Kumar	Development of Deep Learning Models and Data Interactive Approaches to Predict the Therapeutic Usages	International Conference on Computing and Intelligent Information Systems, April 20 th 2024, BNM Institute of Technology, Bengaluru, India.		

20	B Lakshmi, K Parish Venkata Kumar	Implementing AIML for Interactive Human Resources	International Conference on Computing and Intelligent Information Systems, April 20 th 2024, BNM Institute of Technology, Bengaluru, India.		
21	Esther Jyothi. V	Healthcare Supply Chain Security with Zero Knowledge Proof Authentication in Block Chain for Personalized Healthcare Monitoring	3 rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2024), 26-27 April, 2024, organized by IEEE SB Ballari Institute of Technology and Management, Ballari.	doi: 10.1109/ICDCECE6082 7.2024.10549637	IEEE Explore and SCOPUS
22	V. Esther Jyothi	Intrusion Detection System using a Hybrid of SVM and RFE	5 th International Conference on “Advances in Information Communication Technology & Computing (AICTC-2024)”, 29 th to 30 th April - 2024, hosted by South Kazakhstan Pedagogical University named after O. Zhanibekov (1937), Shymkent, Republic of Kazakhstan.	doi: 10.1007/978-981-97-6103-6_44	Springer and SCOPUS
23	Esther Jyothi Veerapaneni	Harnessing Fusion’s Potential: A State-of-the-Art Information Security Architecture to create a Big Data Analytics Model	5 th International Conference on “Advances in Information Communication Technology & Computing (AICTC-2024)”, 29 th to 30 th April - 2024, hosted by South Kazakhstan Pedagogical University	doi: 10.1007/978-981-97-6106-7_34	Springer and SCOPUS
24	Veerapaneni Esther Jyothi	Intrusion Detection System Utilising Machine Learning Classifier Algorithms And Linear Discriminative Analysis	5 th International Conference on “Advances in Information Communication Technology & Computing (AICTC-2024)”, 29 th to 30 th April - 2024, hosted by South Kazakhstan Pedagogical University	doi: 10.1007/978-981-97-6103-6_30	Springer and SCOPUS
25	M Prasanna Lakshmi	A Double Tap Key based Security Model in Cloud Applications	4 th International Conference on Pervasive Computing and Social Networking (ICPCSN 2024), 03-04, May 2024, organised by R P Sarathy Institute of Technology, Salem, India.	doi: 10.1109/ICPCSN62568. 2024.00095	IEEE Explore and SCOPUS
26	J. Hari Krishna	Integrated Life Saving Solution for Free Movement of Ambulance in Heavy Traffic Using YOLOV8	International Conference on Communication, Computer Sciences and Engineering (IC3SE-2024), 09-11 May, 2024 organized by Amity University, Greater Noida, Uttar Pradesh, India	doi: 10.1109/IC3SE62002.20 24.10593313	IEEE Explore and SCOPUS

27	V. Esther Jyothi	Road Extraction from remote sensing images using U-net	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE 2024), 16-17 May 2024, organized by the PES Institute of Technology and Management (PESITM), Shivamogga, Karnataka, India.	doi: 10.1109/AMATHE6165 2.2024.10582184	IEEE Explore and SCOPUS
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IPRs Filed during the A.Y 2023- 24

S. No.	Title	Ref. No	Patent Filed Date	Published & Granted Date, if any	*List of Applicants	Status (Filed/Published/Granted)	IPR Type (Utility/Design/copyright, etc)
1.	A Machine learning (ML)-Based personal Health Advisor system with Real time recommendation adjustments and method thereof	202441027404	02-04-24	12-04-24	1. Dr. K. Anji Reddy 2. Pidugu Srilakshmi Niharika 3. Kummitha Alekhya 4. KJ C V N Teja 5. Varri Ashok Kumar 6. Gaviriboina Suresh	Published	Utility
2.	An Artificial intelligence (AI)-Based System for Detecting Dynamic Network Attacks and method thereof	202441032911	25-04-24	03-05-24	1. Dr. K. Anji Reddy 2. Kodavatikanti Srujana 3. Shaik Mustaffa 4. Kukkamudi Pujitha 5. Shaik Basha	Published	Utility
3.	System and Method for stock market prediction using Machine learning models	202441033221	26-04-24	03-05-24	1. T. Raja Santhosh Kumar 2. Dr. K. Parish Venkata Kumar 3. Mr. B. Srinivas 4. B. Lakshmi 5. Ms. R. Tejaswi 6. Ms. Athaulla Rehman Shaik 7. Ms. V Reshma 8. Mr. P. Daniel Raj	Published	Utility
4.	Energy-Efficient vlsi Design for low-power Digital Signal processing Applications	202441032744	25-04-24	03-05-2024	1. Mrs. M. Prasanna Lakshmi 2. Dr. Malathi Murugesan 3. Ganji Venkata Yaswanth 4. Garikimukku Swetha 5. Pandalaneni Ravitha 6. Jampani Venkata Yaswanth 7. Lankoji Harsha Vardhan 8. Dasari Rakesh 9. Badeti Sowbhagya Lakshmi 10. Mr. R. G. Padmanabhan	Published	Utility

5.	AI-based screening System to identify the Identify the liver disease By Clinical data	202441030967	18-04-24	26-04-24	1. T. Raja Santhosh Kumar 2. B. Srinivas 3. Dr. K. Parish Venkata Kumar 4. Ms. Chinnam Roopachandrika 5. Mr. Bhanavath Gowtham Kiran Naik 6. Mr. Kandakatla Thirumala Venkata Tarun 7. Karri Tulasi Lakshmi Durga 8. Mr. Panniru Saraschandra Gopi 9. Ms. Rayana Thanmai 10. Ms. Sabniveesu Sanjeevi 11. Mr. Shaik Shamim Basha 12. Ms. Sundara Murthy Keerthana	Published	Utility
6.	Hybrid Deep Learning System for Predictive Maintenance through Thermal Imaging	202441036055	07-05-24		1. Mr. B. Srinivas 2. Dr. Arul Leena Rose P.J 3. Dr. M. Nagaraju 4. Dr. Sarala Patchala	Published	Utility
7.	Intensive Care Unit (ICU) Patients Monitoring and Controlling System using Internet of things Technology	202441021005	20-03-24	29-03-24	1. J. Hari Krishna 2. Ramakrishna Regulagadda 3. Gera Likhitha 4. Singampalli Jaya Sree Durga 5. Chigilipalli Rajesh	Published	Utility
8.	Smart Gadget to improve The Gardening system And Nutrients Analysis In Soil to Predict the Plant	202441033801	29-04-24	03-05-24	1. J. Hari Krishna 2. Sathuluri Sujatha 3. P. Raja Sri 4. Prabhala V N S L Tejaswi 5. A. Meiappane	Published	Utility