

CSE PUBLICATIONS

2025 CSE PUBLICATIONS

1. Jayanthi, Sodagudi Suhasini, **N. Sharmili**, E. Laxmi Lydia, V. Shwetha, Bibhuti Bhusan Dash & Mrinal Bachute, “A deep dive into artificial intelligence with enhanced optimization-based security breach detection in internet of health things enabled smart city environment,” *Scientific Reports*, vol. 15, no. 1, p. 22909, 2025. <https://www.nature.com/articles/s41598-025-05850-z>
2. **Lakshmana Rao Vadala**, Manisha Das, Ch Raga Madhuri, and Suneetha Merugula, “SpiLeNet-based detection and severity level classification of lung cancer using CT images,” *Computers and Electrical Engineering*, vol. 123, part A, p. 110036, Apr. 2025. <https://doi.org/10.1016/j.compeleceng.2024.110036>
3. SankaraSrinivasaRao Illapu, Padmaja Malarowthu, **Aswini Mula**, J.N.V.R.Swarup Kumar, Ramjee Maddula, “Energy aware clustering and routing using Cauchy operator-based gorilla troops optimization for WBAN,” *Computers and Electrical Engineering*, vol. 124, part A, p. 110408, May 2025. <https://doi.org/10.1016/j.compeleceng.2025.110408>
4. Reddi, S., **Rao, P.M.**, Saraswathi, P., Bera, B., Das, A.K. and Sikdar, B., “Homomorphic encryption for privacy-preserving data sharing with IOTA and IPFS in IoT-based medical cyber-physical systems,” *IEEE Communications Magazine*, vol. 63, no. 8, pp. 123–130, 2025. [10.1109/MCOM.003.2400277](https://doi.org/10.1109/MCOM.003.2400277)
5. Bhasker, B., **Rao, P.M.**, Saraswathi, P., Patro, S.G.K., Bhutto, J.K., Islam, S., Kareemullah, M. and Emma, A.F., “Blockchain framework with IoT device using federated learning for sustainable healthcare systems,” *Scientific Reports*, vol. 15, no. 1, p. 26736, 2025. <https://www.nature.com/articles/s41598-025-06539-z>
6. **P. V. S. L. Jagadamba**, A. Gudimetla, S. Katru, P. Asapu, and H. Kandregula, “Face aging using generative adversarial network,” *Journal of Image Processing & Pattern Recognition Progress*, vol. 12, no. 1, pp. 41–52, Jan. 2025. [Online]. Available: <https://journals.stmjournals.com/joippp/article=2025/view=201829/>
7. **N. Sharmili**, P. Rakshita, and V. S. Nandini, “Deep learning prowess for unmasking truth with deepfake detection,” *Journal of Data Analytics and Intelligence*, vol. 1, no. 1, pp. 1–9, Jan. 2025. [Online]. Available: <https://journal.tekigate.com/jdai/archive/v1i1/a1.html>
8. **N. Sharmili**, “Blockchain-powered healthcare: A secure, decentralized future for medical records,” *PriMera Scientific Medicine and Public Health*, vol. 7, no. 2, pp.20-21, Aug. 2025, doi: 10.56831/PSMPH-07-232.
9. **N. Sharmili**, “Quantum AI and cognitive analytics: A new partner for doctors,” *PriMera Scientific Medicine and Public Health*, vol. 7, no. 5, pp.1-2, Oct. 2025, doi: 10.56831/PSMPH-07-251. [Online]. Available: <https://primerascientific.com/pdf/psmph/PSMPH-07-251.pdf>
10. **S. Sumahasan, K.P.Naidu, V.L.Rao and A.U.Kumar**, “Parkinson’s disease detection on spiral images using CNN with meta-classifiers,” *Journal of Computer Technology and Applications*, vol. 16, no. 1, pp.55-66, Jan. 2025. **(Common to CSE, CSM departments)**
11. S. S. Rao Illapu, M. Ramjee, and **M. Aswini**, “Enhancing VANET energy efficiency with gorilla troops optimization-based clustering and routing: EACR-GTO,” in *Proc. IEEE Int. Conf. Intelligent Systems, Smart and Green Technologies (ICISSGT)*, Feb. 2025, pp. 46–51, <https://ieeexplore.ieee.org/document/10884238>
12. **N. Sharmili** and L. Edhara, “Building trust in textiles: A blockchain and machine learning solution,” in *Proc. IEEE 5th Int. Conf. Intelligent Technologies (CONIT 2025)*, Hubballi, India, Jun. 20–22, 2025, pp. 1–6, doi: 10.1109/CONIT65521.2025.11167748.
13. B. J. Rao, **K. P. Naidu**, K. Revathi, **V. L. Rao**, and **S. Sumahasan**, “Development of deep learning technique for crop pest classification,” in *Proc. ISTE Sponsored 2nd Int. Conf. Renewable Energy, Green Computing and Sustainable Development*, CVR College of Engineering, Hyderabad, India, Feb. 2025. https://link.springer.com/chapter/10.1007/978-3-032-00884-8_20 **(Common to CSE, CSM departments)**

14. **M. R. Patruni**, B. Bapuram, and S. Pedada, "Intelligent IoT-blockchain ecosystem: A security perspective, applications, and challenges," *Computer Science Review*, vol. 59, p. 100843, 2025. <https://doi.org/10.1016/j.cosrev.2025.100843>

15. S. S. Rao Illapu and **A. Mula**, "RDTP: Reliable delay time protocol with duty cycle optimization in 6LoWPAN-WBAN," in *Springer Proc. Mathematics & Statistics*, vol. 492, Springer, Cham, Aug. 2025, doi: 10.1007/978-3-031-84517-8_26.

Book

1. **Mr Sumahasan**, Dr Udaya Kumar, **Dr V Lakshmana Rao**, **Dr K purushotam Naidu**, "Fundamentals of Cloud Computing", published by SKRGC publication, ISBN: 978-93-6492-936-3, Feb. 2025.(joint publication with CSE authors) **(Common to CSE, CSM departments)**

Book Chapters :

1. Illapu, S.S.R. and **Mula, A.**, "RDTP: Reliable Delay Time Protocol with Duty Cycle Optimization in in 6LoWPAN-WBAN" in *Applications of Computational Intelligence in Management and Mathematics I: 9th ICCM 2023, NERIST, Arunachal Pradesh, India, August 04-05*, p.317,2025.

2024 CSE PUBLICATIONS

1. **A. Mula**, S. S. R. Illapu, and P. Malarowthu, "Multiobjective-energy centric honey badger optimization based routing for wireless body area network," *J. Intelligent & Fuzzy Systems*, Mar. 2024.

2. **R. Kancharapu** and S. N. Ayyagari, "Suicidal ideation prediction based on social media posts using a GAN-infused deep learning framework with genetic optimization and word embedding fusion," *Int. J. Information Technology*, Feb. 2024.

3. **D. Indu** and Y. Srinivas, "A cluster-based speaker diarization system combined with dimensionality reduction techniques," *Int. J. Intelligent Systems and Applications in Engineering*, 2024, ISSN: 2147-6799. [Online]. Available: <https://www.scopus.com/sourceid/21101021990>

4. **D. Indu** and Y. Srinivas, "A methodology for speaker diarization system based on LSTM and MFCC coefficients," *J. Electrical Systems*, 2024, doi: 10.52783/JES.3299.

5. **N. Sharmili**, B. Rajeswari, R. M. Neeharika, S. P. Rao, and K. B. S. Harshini, "Milk chain with ML & blockchain: Revolutionizing transparency for ensuring milk purity in dairy industry," in *Proc. IEEE 10th Int. Conf. Communication and Signal Processing (ICCSP 2024)*, Adhi Parasakthi Engineering College, Melmaruvathur, Tamil Nadu, India, Apr. 12–13, 2024. [Online]. Available: <https://ieeexplore.ieee.org/document/10543586>

6. **S. Nukapeyi**, R. Bommala, D. S. Kondreddy, C. Amalakanti, C. Ravi, and T. A. Konuri, "Milk chain with ML and blockchain for ensuring milk purity in dairy industry," in *Proc. IEEE 2nd World Conf. Communication & Computing (WCONF 2024)*, Kalinga University, Naya Raipur, India, Jul. 12–14, 2024, pp. 1–7, doi: 10.1109/WCONF61366.2024.10692146. [Online]. Available: <https://ieeexplore.ieee.org/document/10692146>

7. B. Alugula, S. S. Vishnumahanthi, M. Moka, and M. Putcha, "Advanced techniques for detecting phishing websites: Optimized feature extraction and model enhancement with CatBoost and machine learning," *Int. J. Scientific Research in Engineering & Management*, vol. 8, no. 4, Apr. 2024.

8. A. Bindu, A. V. S. Harika, D. Swetha, and M. Sahithi, "SDN network DDoS detection using ML," *Int. J. Innovative Science and Research Technology*, vol. 9, no. 5, May 2024, doi: 10.38124/IJSRT24MAY1031.

9. **R. Kancharapu** and S. N. Ayyagari, "Depression detection: Unveiling mental health insights with Twitter data and BERT models," *Int. J. Education and Management Engineering*, vol. 14, no. 4, Aug. 2024, doi: 10.5815/ijeme.2024.04.01.

10. **P. V. S. L. Jagadamba**, S. S. Yandapalli, B. Shareef, N. H. Routhu, and S. Nallajarla, "Automated vehicle entry monitoring system using YOLOv5," *Int. J. Electrical Machine Analysis and Design*, vol. 2, no. 2, Nov. 2024, doi: 10.37591/IJEMAD.

2023 CSE PUBLICATIONS

1. N. Sowjanya Kumari, **P. V. S. L. Jagadamba**, "Develop institutional chatbox using deep neural networks and NLTK," *Journal of Artificial Intelligence Research & Advances*, vol. 10, no. 3, Nov. 2023. [Online]. Available: <http://computers.stmjournals.com/index.php?journal=JpAIRA&page=index>

2. **Rohini Kancharapu**, Sri Nagesh Ayyagari, "Enhancing mental health awareness through Twitter analysis: A comparative study of machine learning and hybrid deep learning techniques," *International Journal on Recent and Innovation Trends in Computing and Communication*, Oct. 2023. [Online]. Available: <https://ijritcc.org/index.php/ijritcc/article/view/8325>

3. **K. Suneetha, V. Gowtami Annapurna, S. Sumahasan**, "Comparative study of classifiers for monitoring fake reviews of online products using opinion mining," *Journal of Computer Technology & Applications*, Oct. 2023. [Online]. Available: <https://computerjournals.stmjournals.in/index.php/JoCTA/article/view/1065>

4. **Sharmili Nukapeyi**, T. Narasimhappadu, "General health check-up, health care model using CNN and Internet-of-Medical Things," *International Journal of Distributed Computing and Technology*, Oct. 2023. [Online]. Available: <https://computers.journalspub.info/index.php?journal=JDCT&page=article&op=view&path%5B%5D=937>

5. **M. Aswini, I. S. Srinivasa Rao**, "RDTP: Reliable delay time protocol with duty-cycle optimization in 6LoWPAN-WBAN," *International Journal of Distributed Computing and Technology*, Oct. 2023. [Online]. Available: <https://computers.journalspub.info/index.php?journal=JDCT>

6. **A. Udaya Kumar**, B. Roshini, K. Mounika, B. Tejaswini, B. Y. Sahitya, "Automatic text summarization using deep learning," *ESP International Journal of Advancements in Computational Technology*, Sep. 2023. [Online]. Available: <https://www.espiournals.org/IJACT/ijact-v1i2p105>

7. **P. V. S. Lakshmi Jagadamba**, Swathi Yalavarthy, "Enhancing healthcare record modeling through graph convolutional networks: Overcoming challenges and advancing data management and analysis," *Journal of Software Engineering Tools & Technology Trends*, Sep. 2023. [Online]. Available: <https://stmcomputers.stmjournals.com/index.php/JoSETTT/article/view/650>

8. **N. Sharmili**, Rajeswari Bommala, "Blockchain-based supply chain for grading milk quality using machine learning techniques," *Journal of Artificial Intelligence Research & Advances*, Sep. 2023. [Online]. Available: <https://stmcomputers.stmjournals.com/index.php/JoAIRA/article/view/652>

9. **S. Sumahasan**, D. Rajyalakshmi, "An optimized node-level lightweight security algorithm for cloud-assisted IoT," *International Journal on Recent and Innovation Trends in Computing and Communication*, Aug. 2023. [Online]. Available: <https://www.scopus.com/sourceid/21101089961>

10. **Udaya Kumar Addanki**, B. Hemantha Kumar, "A comparative analysis of OLSR routing protocol based on PSO and cuckoo search optimization in MANETs," *International Journal on Recent and Innovation Trends in Computing and Communication*, Aug. 2023. [Online]. Available: <https://www.scopus.com/sourceid/21101089961>

11. **Udaya Kumar Addanki**, B. Hemantha Kumar, "Hybrid optimization of OLSR routing protocol in MANETs: Uniting genetic algorithm and particle swarm optimization," *International Journal of Intelligent Systems and Applications in Engineering*, Jul. 2023. [Online]. Available: <https://www.scopus.com/sourceid/21101021990>

12. **Rohini Kancharapu**, Sri Nagesh Ayyagari, "Unveiling the role of social media in mental health: A GAN-based deep learning framework for suicide prevention," *International Journal of Intelligent Systems and Applications in Engineering*, Jul. 2023. [Online]. Available: <https://www.scopus.com/sourceid/21101021990>

13. **N. Sharmili**, Saud Yonbawi, Sultan Alahmari, E. Laxmi Lydia, “Earthworm optimization with improved SqueezeNet enabled facial expression recognition model,” *Computer Systems Science and Engineering*, Jun. 2023. [Online]. Available: <https://www.scopus.com/sourceid/12324>
14. **A. Arthi, N. Sharmili**, Sara A. Alhubiti, E. Laxmi Lydia, Meshal Alharbi, Ahmed Alkhayyat, Deepak Gupta, “Duck optimization with enhanced capsule network-based citrus disease detection for sustainable crop management,” *Sustainable Energy Technologies and Assessments*, Jun. 2023. DOI: 10.1016/j.seta.2023.10348X (verify exact DOI) [Online]. Available: <https://www.sciencedirect.com/science/article/pii/S221313882300348X>
15. **Rohini Kancharapu**, Sri Nagesh Ayyagari, “A comparative study on word embedding techniques for suicide prediction on COVID-19 tweets using deep learning models,” *International Journal of Information Technology (IJIT)*, Jun. 2023, ISSN: 2511-2104. [Online]. Available: <https://www.scopus.com/sourceid/21101022413>
16. **V. Gowtami Annapurna**, K. Anusha, C. H. Kamala Varsha, M. Deepthi, G. Keerthi, “Detection of network layer attacks in wireless sensor network,” *Asian Journal of Convergence in Technology*, May 2023.
17. **Dr. V. Lakshmana Rao, K. Purushotham Naidu, S. Sumahasan, A. Uday Kumar**, “Deep learning-based brain tumor detection: Comparative evaluation,” *International Journal of Management, Technology and Engineering*, Jun. 2023, ISSN: 2249-7455. **.(Common to CSE, CSM departments)**
18. **Gowtami Annapurna Dinavahi**, Harshini Thatavarthi, Joshna Rangala, Sucharitha Vallasetti, Jhansi Lakshmi Nannuri, “Customer segmentation in retailing using machine learning techniques,” *International Conference for Convergence in Technology (I2CT)*, Apr. 2023.
19. **D. Indu**, Y. V. Sanjusha, Parmeenisha, Y. B. Naidu, and M. N. S. S. Himaja, “Diagnosis of lung cancer nodules in CT scan images using fuzzy neural network,” in *Proc. IEEE 8th Int. Conf. Convergence in Technology (I2CT 2023)*, 2023, ISBN: 979-8-3503-3401-2. [Online]. Available: <https://www.scopus.com/pages/publications/85161261148>
20. **N. Sharmili**, K. Chandu, J. N. V. S. Harshitha, B. Aishwarya, and B. Kumari, “Catch your session, track your pulse: E-health service using blockchain,” in *Proc. 2023 Int. Conf. Information Technology (InCITe 2023)*, Amity University, Noida, India, Mar. 2–3, 2023. [Online]. Available: https://link.springer.com/chapter/10.1007/978-981-99-5997-6_16
21. **N. Sharmili**, P. Jyothi Sri, R. Mani Neeharika, S. Priyanka Rao, and K. B. S. Harshini, “Bringing smart tele-healthcare right to your door using blockchain and IPFS,” in *Proc. 6th Int. Conf. Intelligent Computing and Control Systems (ICICCS 2023)*, Madurai, India, May 17–19, 2023.[Online]. Available: <https://ieeexplore.ieee.org/document/10142446>

Book:

1. **Dr. K Purushotam Naidu, Dr. V. Lakshmana Rao**, Dr. A. Sri Krishna, Mr. Venkata Subba Reddy Gade, *Machine Learning for Absolute Beginners*. Hyderabad, India: Booksclinic, Dec. 2023, ISBN: 978-93-5823-854-9. **.(Common to CSE, CSM departments)**



Gayatri Vidya Parishad College of Engineering for Women
Madhurawada : : Visakhapatnam – 530 048

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Journal Publications for Academic Year 2021-22

S.no	Name of the Author	Title of the Paper	Journal Name	Year of Publication
1	Dr. P.V.S.L Jagadamba	Automatic Speech to Text Summarization Using Graph Based Algorithm	International Journal of Enhanced Research in Science, Technology & Engineering	Oct-21
2	Godavarthi Deepthi	RoBERTa-based Conversational QAS to enhance Exact Match	International Journal of Early Childhood Special Education	Jun-22



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada:: Visakhapatnam - 530 048

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List Of Publications

S.NO.	Name Of Author(s)	Title Of the Paper	Journal Name	Year Of Publication
1	Purushotam Naidu K, Dr.P Krishna Subba Rao, Dr.MHM Krishna Prasad.	Smart-farming:IoT Based Crop Prediction System using Machine Learning Techniques	Solid State Technology, Volume: 64 Issue: 1	2021
2	S.Sumahasan, Dr.D.Rajya Lakshmi	Privacy Preserving Cloud Storage in Medical IOT using Hybrid Cryptography Algorithm	Solid State Technology, Volume: 64 No.2	2021
3	S. Sumahasan, Uday Kumar Addanki, Anjani Kintali, Srilekha Bontu	Content-based SMS Spam Messages classification using Natural Language Processing and Machine Learning	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	2021
4	Laxmi Lydia, E., Sandhya, G., Gogineni, H.B., Latha, G.P., Sharmili, N.	Applicational achievement of k-means algorithm among apache spark and map reduce	Test Engineering and Management, Vol.82, pp: 1224 - 1231	2020
5	K.Purushotam Naidu, Dr.P.Krishna Subba Rao, Dr.MHM Krishna Prasad	IoT Based Atmosphere Monitoring System using Hadoop Map Reduce Paradigm	International Journal of Engineering and Advanced Technology (IJEAT)	2020
6	V.Lakshmana Rao, Dr.K.V.Ramana, Dr.P.Krishna Subba Rao,	EEG Signal Pre processing using DWT and Reconstruction by Phase space Reconstruction	International Journal of Scientific & Technology Research , Volume 9, Issue 03	2020

7	K.Suneetha ,Balaga Susmitha,Dasari Poornima	Comparative Study on Fake News Accuracy Prediction Using Naive Bayes, SVM and ANN	International Journal of Innovations in Engineering and Technology(IJIET)	2020
8	V.Gowtami Annapurna , D.Lakshmi Pujitha, D.Mounika	GENDER IDENTIFICATION FROM FACIAL FEATURES	IJIET	2020
9	Ammavajjula Sai Tejaswi, Animilla Swapna Deepika, Yaragani Sowmya	Chronic Kidney Disease Prediction System	IJSRCSEIT	2020
10	P. Aishwarya, M. Bhanu Sridhar , L. Kavitha	Detection and Prediction of Frequent Diseases in India through Association Technique using Apriori Algorithm and Random Forest Regression	International Journal of Engineering Research and Technology	2020
11	V.Lakshmana Rao , Dr.K.V.Ramana, Dr.P.Krishna Subba Rao,	Epileptic Seizure Detection and Classification based on RQA Features	Journal of Advanced Research in Dynamical and Control Systems	2020
12	D.INDU ,G.LAVANYA,K.V.S .S.SRINIJA,J.PAVANI,ALIM SOFIA	Drug Information Extraction using Image Processing	JETIR	2020
13	P.V.S.L Jagadamba , K.S.S. Harshitha, G. Jayasree, B.S. Sameera, K.A. Varshini	Adaptive Frame Extraction and Action Recognition Using Deep Learning	Pramana Research Journal	2020
14	Suneetha Kandepi	A Comparative Study on Student Academic Performance Prediction Using ID3 and C4.5 Classification Algorithms	International Journal of Computer Science and Engineering(IJCSE)	2020

15	Dr. B. Prasad, Dr. Achyuth Sarkar, Dr. E. Laxmi Lydia, N. Sharmili	Disruptive Technologies for Smart Healthcare Systems using Artificial Intelligence for Hospital Management System	International Journal of Advanced Science and Technology (IJAST) Vol. 29, No. 9s, (2020), pp. 2684-2692	2020
16	G.Sankara Rao , Haritha Chandrika P, Kambala Monica Sai	Optical Character Recognition using CRNN	International Journal of Recent Technology and Engineering (IJRTE)	2020
17	G.Sankara Rao , Divya K, Sowmya	Text Summarization using Deep Learning	International Journal of Recent Technology and Engineering (IJRTE)	2020
18	B Uma Jagadeswari, D Harshitha, G Vineela, B Siri, Yaragani Sowmya	Plant Disease Prediction System using Image Processing	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2020
19	D.Indu , K. Aishwarya, CH. Lavanya, A. Mounika, A. Prathyusha	Alert System for Driver Drowsiness using Raspberry Pi	Journal of Emerging Technologies and Innovative Research	2020
20	T. K. Mishra	Real Time Human Action Recognition using Triggered Frame Extraction and a Typical CNN Heuristic	Pattern Recognition Letters, Elsevier	2020
21	K.Purushotam Naidu , K. Anusha, A. Neelima, K. Jahnvi, K. Sai Haritha	Monitoring and Analysis of Water Quality using IoT and SVM	International Journal of Algorithms Design and Analysis	2020
22	T. K. Mishra	A Real Time IoT Interface Application for Autonomous Vehicle Parking	International Journal for Research in Science & Engineering Technoloy	2020
23	T. K. Mishra	Generic Imaging Heuristic for Identification of Breast Carcinoma	International Journal for Research in Science & Engineering Technoloy	2020

24	A.Sneha, V. Sai Lakshmi Teja*, Tusar Kanti Mishra, Kuppili N. Satya Chitra	QR Code based Indoor Navigation system for Attender Robot	EAI Endorsed Transactions on Internet of Things	2020
25	K. Rohini , K. Himabindu, P. Ramya Sree, P. Amrutha Manasa, P. Ruby Indu Meena	Assessment of Diverse Techniques for Cyber Bullying Detection on Twitter Using Sentiment Analysis	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020
26	Sharmili Nukapeyi , Meghana Viyyapu, E. Laxmi Lydia, M. Ilayaraja, R. Pandi Selvam, Irina V. Pustokhina, Denis A. Pustokhin	Blockchain Based Healthcare System DApp	International Journal of Advanced Science and Technology (IJAST)	2020
27	Pasam Prudhvi Kiran, E. Laxmi Lydia, N. Sharmili , Ravuri Daniel, Dr. A. Krishna Mohan	“Simple Forecasting Model for COVID-19 Cases in India - Multilevel Model Evaluation with R2, MSE, and MAE”	European Journal of Molecular & Clinical Medicine	2020
28	Pasam Prudhvi Kiran, E. Laxmi Lydia, N. Sharmili , Ravuri Daniel, Dr. A. Krishna Mohan	“Case Based Reasoning for Tuberculosis Diagnosis”	European Journal of Molecular & Clinical Medicine	2020
29	Pasam Prudhvi Kiran, Ravuri Daniel, N. Sharmili , E. Laxmi Lydia, Dr. A. Krishna Mohan	“COVID-19 Lockdown Devastated Livelihood - Safe Back to Normality with Smart Jacket Prototype”	European Journal of Molecular & Clinical Medicine	2020

30	Pasam Prudhvi Kiran, E.Laxmi Lydia, N.Sharmili , Ravuri Daniel, Dr.A.Krishna Mohan	“Efficient and Short-Range Forecasting Model for COVID-19 Time Series Parameters - Daily Confirmed Cases, Deaths, Recoveries”	European Journal of Molecular & Clinical Medicine	2020
31	V.Lakshmana Rao , Dr.K.V.Ramana, Dr.P.Krishna Subba Rao,	CLOUD BASED PREDICTION FOR EPILEPTIC SEIZURE USING MACHINE LEARNING	Solid State Technology	2020
32	K.Purushotam Naidu , CHVVD Prasad	Implementing FP-Growth Algorithm using MapReduce for Mining Association Rules	Journal of Advanced Database Management & Systems	2019
33	Dr. PVS Lakshmi Jagadamba	Method and Apparatus for Detecting Denial of Service Attacks	Academic Journal of Science	2019
34	E laxmi Lydia, N.Sharmili	An Integrated Way for Teaching Hadoop & Big Data Analytics Course	International Journal of Recent Technology and Engineering, Vol. 8, Number 2 , pp.1-13	2019
35	Sharmili N , Swapna N	An Enhanced Artificial Neural Network based Optical Character Recognition Mechanism for Business Information Extraction and Classification"	Journal of Advanced Research in Dynamical and Control Systems. Vol.11, issue -10, pp:13-19	2019
36	E laxmi Lydia, N.Sharmili	Analysing the Performance of Classification Algorithms on Diseases Datasets	International journal of emerging technologies, Volume-10 Issue-3, pp: 224-230	2019
37	E laxmi Lydia, N.Sharmili	Image classification using deep neural networks for malaria disease detection	International journal of emerging technologies, Volume-10 Issue-4, pp: 66-70	2019

38	E laxmi Lydia, N.Sharmili	Automatic Document Clustering and Indexing of Multiple Documents Using KNMF for Feature Extraction through HADOOP and LUCENE on Big Data	Test Engineering & Management magazine, Vol.81, , pp: 1107-1130,	2019
39	M. Swapna , Sri N. Sudhakar	Artificial Neural Network Techniques by using Time Series and Parameterized Rainfall Prediction models: A Comparative Study	International Journal Of Research In Electronics And Computer Engineering (IJRECE), Volume-6 Issue-2	2018
40	V.Bhuhanga Rao, P.Seetharamaiah, N.Sharmili	Design of a Prototype for vision Prosthesis	International Journal of Biomedical and Clinical Engineering	2018
41	M. Swapna , Sri N. Sudhakar	A Hybrid Model for Rainfall Prediction Using both Parameterized and Time Series Model	International Journal of Pure and Applied Mathematics(IJPAM)	Jul-05
42	Rohini Kancharapu , A. SriNagesh	Sentiment Analysis on GST Using Naive Bayes and Score Based Approaches on Twitter Data	International Journal of Research in Electronics and Computer Engineering (IJRECE)	2018
43	M.Bhanu Sridhar , A.Koushik	A study of Big data analytics in clouds with a security perspective	International Journal of Engineering Research & Technology (IJERT)	2017
44	VVD Prasad Chelluri, BLVV Kumar, K.Purushotham , M. Santhosh	Evaluation of Optimised Apriori Algorithm on HDFS using MapReduce in Hadoop Distributed Mode	International Journal of Engineering Research and Technology(IJERT)	2017
45	K NagaRaju ,R Chitt Raja, KnsVJyotsna Devi	Comparision of Mobile Payment Protocol Security	International Journal of Engineering, Research and Applications (IJERA)	2017

46	Ch. V. V.D Prasad, R. Seeta Sireesha, K. Rohini, Ch. Sailaja	Usage behavior based rigorous clustering for customer segmentation and profiling	International Journal of Scientific Development and Research(IJSDR)	2016
47	P Sridevi, M. Bhanu Sridhar	Strong correlation technique for detecting relationships in time series applications for univariate analysis	International Journal of Emerging Research in Management & Technology	2016
48	M. Swapna, N. Sudhakar	An Artificial Recurrent Neural Network Model for Weather Forecasting	International Journal of Scientific Development and Research(IJSDR)	2016
49	K.Purushotam Naidu, M.Sai Bhavana	Implementing document clustering for large scale data using map reduce paradigm	International Journal of Computer and Mathematical Sciences	2015
50	M. Bhanu Sridhar	Model Driven software Engg. In the Mobile Era with an Emphasis on Security	International Journal of Electronics Communication & Computer Engineering (IJECCCE)	2015
51	Udaya Kumar Addanki, Swathi Sambangi	Productive Aalysis of Routing Protocols in MANETS: PROACTIVE VS REACTIVE Categories	International Journal of Advances in Cloud Computing and Computer Science (IJACCCS)	2015
52	K. Purushotam Naidu, VVD Prasad Chelluri, S Sumahasan, RDDV Sivaram	Finest Round Robin Scheduling Algorithm using effect time quantum	Journal of Software Engineering tools and Technology and Trends	2014
53	Swathi S, A.Udayakumar	Enhancing security for e-health records of patients through technique of multi-cloud	International Journal of Engineering Research & Sports Science (IJERSS)	2014
54	K. Purushotam Naidu , V. Lakshman Rao, A.UdayaKumar	Character based symmetric key algorithm using randomized prime numbers	International Journal of Engineering Research & Technology(IJERT)	2014

55	K.Rohini, B.Vijaya Lakshmi, M. Swapna, V.Vasudha	An Improved Round Robin based scheduling algorithm with dynamic time quantum using contra-harmonic mean	International Journal of Advanced & Innovative Research(IJAIR)	2014
56	K.Raghunathan, V. Lakshman Rao , D.Usha Reddy, P.Roopavathi	RUSH-An approach to improve the scalability and security of Hop by Hop multicast routing protocol	International Journal of Engineering Research & Technology(IJERT)	2014
57	G.Sankararao , E.Jagadeeswararao, D.Mounica	Data Security with colors using RSA	International Journal of Engineering Research & Applications (IJERA)	2014
58	G. Sankara Rao , E.Jagadeeswararao, N Sai Prathyusha	Application Layer multicasting overlay protocol-NARADA protocol	Global Journal of Computer Science & Technology: E Network Web and Security	2014
59	M. Bhanu Sridhar , Y.Srinivas, M.H.M.Krishna Prasad	A Statistical approach on software reuse in medical database for cardiac patients	International Journal of Research in Computer Engineering & Electronics	2014
60	A.Uday Kumar, V.Lakshmana Rao, K.Purushotam Naidu, S Sagar	Productivity Analysis of AODV and DSDV Routing Protocols in MANETs	International Journal of Science & Research, 2(2): 218-223.	2013
61	Swathi S, P. Vijaya Bharathi, A. Uday Kumar , M. Praveen Kumar	Multicast authentication using batch signature- MABS	International Journal of Computational Engineering and Management, 15(1): 68-73	2012
62	K.Rohini	Documents Clustering	International Journal of Engineering Research & Technology, 1(6): 1-6	2012
63	Sridevi R, Vani prasanna K, Ramya K	Distinguishing the noise and image structures for detecting the correction term and filtering the noise by using Fuzzy rules	International Journal on Computer Science and Engineering, 3(7): 2754-2764	2011

64	Jyothi B , R.Venu Babu, S. Anjali Devi	Combining K-Harmonic mean and Hierarchical algorithms for robust and efficient data clustering with cohesion-self merging	International Journal on Computer Science and Engineering, 3(6):2544-2553.	2011
----	--	---	--	------