

List of Publications
Department of Computer Science and Engineering
GMR Institute of Technology (Autonomous)
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Year	National Conference	National Journal	International Conference	International Journal	Total Publications	Cumulative Publications
July 2025- January 2026	00	00	12	13	25	613
July 2024- June 2025	00	00	24	24	48	588
July 2023- June 2024	00	00	22	27	49	540
July 2022- June 2023	00	00	17	27	44	491
2021-22	00	00	10	21	31	447
2020-21	00	00	02	24	26	416
2019-20	00	00	09	29	38	390
2018-19	00	00	05	31	36	352
2017-18	00	00	05	27	32	316
2016-17	00	00	02	25	27	284
2015-16	00	00	06	45	51	257
2014-15	01	00	12	26	39	206
2013-14	03	00	13	18	34	167
2012-13	03	00	05	17	25	133

2011-12	06	00	28	06	40	108
2010-11	02	00	08	13	23	68
2009-10	01	01	11	09	22	45
2008-09	01	00	10	05	16	23
2007-08	03	00	04	00	07	07

July 2025- June 2026:

International Journals:

1. **Bhavani, Ashapu**, Attada Venkataramana, and A. S. N. Chakravarthy. "Multi-Objective Hybrid Green Anaconda Skill Optimization Enabled Energy and Cache Based QoS Aware Routing in Delay Tolerant-IoT Network." *Sustainable Computing: Informatics and Systems* (2025): 101158. [Indexed by SCIE, IF:5.7 Q1, <https://doi.org/10.1016/j.suscom.2025.101158>]
2. Santhappan, Joseph Sekhar, Satyanarayana Bora, Arun S. Gopinath, **Lakshmana Rao Kalabarige**, and Thangavel Mathimani. "Optimization and deep learning methods for the techno-economic analysis of hydrogen generation from solar, wind, and municipal biowaste to partially replace natural gas in a 10 MW gas power plant in Oman." *International Journal of Hydrogen Energy* 152 (2025): 150224. [Indexed by SCIE, IF:8.3 Q1, <https://doi.org/10.1016/j.ijhydene.2025.150224>]
3. Saini, M. L., Satish, A. R., Rao, T. V. M., Mandala, J., Das, S., & **Rajan Cristin** (2025). A novel multigrade classification in FL using brain MRI images based on FHAT_EfficientNet. *International Journal of Ad Hoc and Ubiquitous Computing*, 49(4), 251-269. [Indexed by SCIE, IF:0.7 Q4, <https://doi.org/10.1504/IJAHUC.2025.147753>]
4. Potnuru, U. K., **Kalabarige, L. R.**, Mishra, M., Gurugubelli, T. R., Alharthi, S. S., Tamtam, M. R., & Koutavarapu, R. (2025). Optimizing dielectric properties of corannulene nanomaterial for enhanced performance of next-generation electric vehicle batteries: A Machine learning and Nelder-Mead optimization approach. *Results in Physics*, 108404. [Indexed by SCIE, IF:4.6, Q1, <https://doi.org/10.1016/j.rinp.2025.108404>]
5. Manickam, K. S., Nathan, U. D. G., Shilpa, N., Vanniappan, M., Rajkumar, K., & **Rajan Cristin** (2025). Allocation of UPQC in distribution grids using a hybrid optimisation strategy. *International Journal of Control*, 1-17. [Indexed by SCIE, IF:1.9 Q2, <https://doi.org/10.1080/00207179.2025.2541903>]
6. **Kovelakonda, Sakunthala,** & Malla, R. M. (2025). An Innovative and Effective Deep Learning Architecture for Risk and Survival Rate Prediction of Triple Negative Breast Cancer Using Modified Optimization Strategy. *Annals of Data Science*, 1-34. [Indexed by SCOPUS, <https://doi.org/10.1007/s40745-025-00642-8>]
7. Solomon, A. A., **Agnes, S. A.,** & Sridhar, J. (2025). "A BIM-enabled life cycle approach to evaluate global warming potential and embodied carbon in building materials", *Engineering*

- Research Express, 7(4), 045118. [Indexed by SCOPUS, <https://doi.org/10.1088/2631-8695/ae14b2>]
8. Muralikrishnan, R., **Gollapalli, Suneel.**, Sellappan, E., Prasanya, J., Murali, V., & Vijayakumar, A. (2025). "Machine learning-driven prediction and interpretation of air quality index in industrial environment", Asian Journal of Civil Engineering, 1-19. [Indexed by SCOPUS, <https://doi.org/10.1007/s42107-025-01572-9>]
 9. Pravallika, A.; **Srinuvasa Rao, D** (2025). "SDN-Enabled Deep Learning Framework For Dynamic Network Slicing In 5D Environments", Journal of Environmental Protection and Ecology, 26(6), 2306 - 2316 [Indexed by SCOPUS, https://scibulcom.net /en/article/1311-5065_2025_26_6_2306-2316]
 10. Sirish Kumar P , **K. Kavitha**, Ashok Kumar N , P Krishna Rao , Srilatha Indira Dutt Vemuri , JagadeeswaraRao G & Jayalaxmi A, "Evaluating Deep and Classical Learning Models for Spatiotemporal GPS Trajectory Forecasting with Reliable Uncertainty Bounds" International Journal of Computing and Digital Systems 2025, VOL. 18, NO. 1, 1-13 [Indexed by SCOPUS, <http:// dx.doi.org/10.12785/ijcds/1571148776>]
 11. Potnuru, U. K., Teegala, S. K., **Kalabarige, L. R.**, Ippili, V., & Holla, M. R. (2025). Dataset for optimized design parameters of three-phase induction motors with validation through machine learning. Data in Brief, 112274. [Indexed by SCOPUS, <https://doi.org/10.1016/j.dib.2025.112274>]
 12. Kalabarige, L. R., Venkataramana, A., & Rao, R. S. (2026). CSA-ACR-DenseNet121: a hybrid DenseNet121 based transformer approach for enhanced pineapple disease classification. Cluster Computing, 29(1), 11. [Indexed by SCIE, IF:4.1 Q1, <https://doi.org/10.1007/s10586-025-05826-8>]
 13. Dharmaraju, G., Jena, M. K., & Attada, V. (2026). A deep learning model with inception vision transformer and harmonic fusion network for solar panel fault detection and classification. Computers and Electrical Engineering, 129, 110819. [Indexed by SCIE, IF:4.9 Q1, <https://doi.org/10.1016/j.compeleceng.2025.110819>]

International Conferences

1. Sohail, M. A., **Ganesh, D.**, Garugu, S., & Murtuza, M. (2025, July). Forecasting model based on ensembled technique for optimized utilization of resources on multiple datasets. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020052). AIP Publishing LLC.
2. **Kalabarige, L. R.**, Yamasani, N., Potnuru, U. K., & Ramana, A. V. (2025, July). Improving enzyme thermo stability through ProtBert-XGB-based prediction and sequence design. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020014). AIP Publishing LLC.
3. Potnuru, U. K., Yamasani, N., **Kalabarige, L. R.**, & Ramana, A. V. (2025, July). Real-time CNN-VGG based system for deaf community communication through ASL recognition and live subtitling. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020017). AIP Publishing LLC.
4. Krishnaveni, K. B., **Kalabarige, L. R.**, Kalyan, N., Poleswararao, M., Kumar, L. A., & Kavyasree, K. (2025, July). Enhancing waste management using deep learning-based trash classification. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020055). AIP Publishing LLC.

5. Divyasri, Y., **Lakshmanarao, K.**, Attada, V. R., & Agnes, S. A. (2025, July). Topographic categorization for augmented autonomous systems. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020008). AIP Publishing LLC.
6. Divyasri, Y., K. Lakshmanarao, Venkata Ramana Attada, and **S. Akila Agnes**. "A comprehensive survey on advancements in terrain categorization for enhanced autonomous systems." In AIP Conference Proceedings, vol. 3298, no. 1, p. 040019. AIP Publishing LLC, 2025.
7. Brindavathi, B., **Ramana, A. V.**, & Karrothu, A. (2025, July). An analysis of AI-based SQL injection attack detection. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020018). AIP Publishing LLC.
8. Nirmala, S., Kumar, B. V., **Kalabarige, L. R.**, & Potnuru, U. K. (2025, July). Classification of ischemic stroke subtypes with HOG features and XGBOOST. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020015). AIP Publishing LLC.
9. **Sowjanya, D.**, Kumar, B. V., Potnuru, U. K., & Kalabarige, L. R. (2025, July). Efficient automated attendance system utilizing YOLO and siamese networks for enhanced classroom management. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020016). AIP Publishing LLC.
10. **Yanda, Nagamani.**, Jassimhuddin, S., Naidu, P. P., Prasad, P. B., & Reddy, V. P. (2025, July). DL-VTON: An Image-Based Virtual Try-On Framework Using Deep Learning Models. In 2025 International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3) (pp. 1-7). IEEE.
11. Alaladinni, B., **Dharmaraju, G.**, Yamuna, V., Reddy, S. R., Lakshmanarao, A., & Babu, G. C. (2025, July). A Hybrid Approach for Malicious URL Detection Using ML Classifiers and Graph Neural Networks. In 2025 6th International Conference on Data Intelligence and Cognitive Informatics (ICDICI) (pp. 182-188). IEEE.
12. **Kavitha, K.**, JagadeeswaraRao, G., Vital, T. P. R., Sekhar, C. C., Vemala, R., & Marpu, S. (2025, July). An IoT-based Two-Level Authenticated Driving System. In 2025 International Conference on Computing, Intelligence, and Application (CIACON) (pp. 1-7). IEEE.

Books/Book Chapter

NIL

July 2024- June 2025:

National Journals :

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International Journals:

1. **Kalabarige, Lakshmana Rao**, D. Krishna, Upendra Kumar Potnuru, Manohar Mishra, Salman S. Alharthi, and Ravindranadh Koutavarapu. "Tree-Based Machine Learning and Nelder–Mead Optimization for Optimized Cr (VI) Removal with Indian Gooseberry Seed Powder." Water, Vol. 16, no. 15 (2024): 2175. [Indexed by SCIE, IF:3 Q1, <https://doi.org/10.3390/w16152175>]
2. Rao, Routhu Srinivasa, **Lakshmana Rao Kalabarige**, M. Raviraja Holla, and Aditya Kumar Sahu. "Multimodal Imputation based Multimodal autoencoder framework for AQI

- classification and prediction of Indian cities." *IEEE Access* (2024). [Indexed by SCIE, IF:3.4 Q1, <https://doi.org/10.1109/ACCESS.2024.3438573>]
3. Purushothaman, A., Sriramakrishnan, G. V., Om Prakash, P. G., & **Cristin R.** A novel fractional rat hawk optimization-enabled routing with deep learning-based energy prediction in wireless sensor networks. *International Journal of Communication Systems*, e5981. [Indexed by SCIE, IF:1.7 Q2, <https://doi.org/10.1002/dac.5981>]
 4. **Yanda, Nagamani**, and Gudla Prathyusha. "Diagnosing Multiple Chest Diseases with Deep Learning: A Comprehensive Approach Using X-ray Images." *International Journal of Computer Information Systems and Industrial Management Applications* Vol. 16, no. 3 , pp13-13, 2024. [Indexed by SCOPUS, <https://cspub-ijcिसim.org/index.php /ijcिसim /article /view /728>]
 5. **Meesala Sravani**,Ch Vidyadhari,S Anjali Devi."Video Recommendation System Using Machine-Learning Techniques", *Journal of Harbin Institute Of Technology(New Series)*, Vol. 31,No.4 pp 24-33,2024, [Indexed by SCOPUS <http://10.11916/j.issn.1005-9113.2023097>]
 6. Solomon, A. Arun, and **S. Akila Agnes**. "MSCAC: A Multi-Scale Swin-CNN Framework for Progressive Remote Sensing Scene Classification." *Geographies* 4.3 (2024): 462-480 [Indexed by SCIE, IF:1.7 Q2, <https://doi.org/10.3390/geographies4030025>]
 7. **Baisakh**, Hitesh Mohapatra, and Abhishek Guru. "Behavioral insights into compression: a study of Move-to-Front-or-Middle deterministic online algorithm through sequence classification and characterization." *International Journal of Information Technology* (2024):1-15.[Indexed by SCOPUS, <https://doi.org /10.1007/s41870-024-02218-w>]
 8. **Purbey, Suniti**, et al. "Adam energy valley optimization-based routing and RF-Spinalnet enabled medical data classification in IoT." *International Journal of Machine Learning and Cybernetics* (2024): 1-23. [Indexed by SCIE, IF:3.2 Q1, <https://doi.org/10.1007/s13042-024-02397-9>]
 9. Ganeshan, R., **Meesala Sravani**, Archana Kalidindi, and P. G. Om Prakash. "ShNFN: Shepard Neuro-Fuzzy Network for Intrusion Detection in Fog Computing." *International Journal of Pattern Recognition and Artificial Intelligence* 38, no. 13 (2024): 2450018. [Indexed by SCIE, IF:0.9 Q3, <https://doi.org/10.1142/S0218001424500186>]
 10. **Kanchanamala, Pendela**, Grandhi Siva Sankar, and Karri Aruna Bhaskar. "Q-DenseNet for heart disease prediction in spark framework." *International Journal of Ad Hoc and Ubiquitous Computing* 47, no. 3 (2024): 127-142. [Indexed by SCIE, IF:0.7 Q3, <https://doi.org/10.1504/IJAHUC.2024.142164>]
 11. **Meesala Sravani**,B Kiran Kumar,M Rekha Sundari,D Tejaswi." FMHADP:Design of an Efficient Pre-Forensic Layer for Mitigating Hybrid Attacks via Deep Learning Pattern Analysis" *Journal of Harbin Institute of Technology(New Series)*,2024,31(5):55-67 [Indexed by SCOPUS, <https://lib.cqvip.com/Qikan/Article/Detail?id=7113230079>]
 12. **Kanchanamala, Pendela**, Vijayakumar Kuppusamy, and Gunasekaran Ganesan. "QDCNN-DMN: A hybrid deep learning approach for brain tumor classification using MRI images." *Biomedical Signal Processing and Control* 101 (2025): 107199. ,ISSN: 1746-8108, SCIE, Q1, <https://doi.org/10.1016/j.bspc.2024.107199>
 13. Anuradha, G., **Satish Muppidi**, Ramesh Karnati, and K. Phalguna Rao. "Rainfall prediction using time series data based on RSJSO_BiLSTM." *International Journal of*

- Machine Learning and Cybernetics (2025): 1-20. SCIE, Q2, <https://doi.org/10.1007/s13042-024-02488-7>
14. Ananth, J. P., Pankaj Kumar, M. Belsam Jeba Ananth, and **R. Cristin**. "Effective Charging Scheduling of Electric Vehicles Using a Hybrid Deep Learning Network." *Energy Storage* 7, no. 1 (2025): e70120. SCIE, Q3, <https://doi.org/10.1002/est2.70120>
 15. **Kanchanamala, Pendela**, Ramesh Karnati, and Ravi Kumar Tammineni. "Brain tumor classification from MRI images using exponential-Walrus hunting optimization driven SqueezeNet." *Expert Systems with Applications* (2025): 126633. SCIE, Q1, <https://doi.org/10.1016/j.eswa.2025.126633>
 16. Garaga Srilakshmi, **P Annan Naidu** "Enhancing crop productivity with advanced sensor driven irrigation systems", *Journal of Environmental Protection and Ecology*, Vol.25, No 8, (2024), SCOPUS, <https://scibulcom.net/en/article/B7Low9DGj5Vg89QFGdHI>
 17. Vital Terlapu, **G Stalin Babu** et al. "Enhancing Smartphone Motion Sensing with Embedded Deep Learning." *International Journal of Computing and Digital Systems* 16, no. 1 (2025): 1-15. Vol.17, No 1, (2024), SCOPUS, <https://iiict.uob.edu.bh/IJCDS/papers/1571037323.pdf>
 18. Maram, Balajee, Neelima Gullipalli, Rudra Kalyan Nayak, Ramamani Tripathy, **Satish Muppidi**, and Madan Lal Saini. "Hybrid EfficientNet feed forward neural network for ransomware detection in blockchain." *Engineering Applications of Artificial Intelligence* 149 (2025): 110292. SCIE, Q1, <https://doi.org/10.1016/j.engappai.2025.110292>
 19. **Vineela, A.**, Ashapu Bhavani, B. Vamsi Krishna, and A. Bhavani Sankar. "An artful multimodal exploration in discerning fake news through text and image harmony." *Multimedia Tools and Applications* (2025): 1-20. SCOPUS, <https://doi.org/10.1007/s11042-025-20695-4>
 20. **Kalabarige, Lakshmana Rao**, A. Venkata Ramana, Routhu Srinivasa Rao, and M. Raviraja Holla. "Boosting Pineapple Maturity Classification: Impact of Data Augmentation and Visual Transformer Integration with Transfer Learning." *IEEE Access* (2024). SCIE, IF:3.4 Q1, <https://ieeexplore.ieee.org/abstract/document/10806687>
 21. **Akila Agnes S**, Arun Solomon A, K Karthick, Mejdil Safran, Sultan Alfarhood" Edge-Enhanced Feature Pyramid SwinUNet: Advanced Segmentation of Lung Nodules in CT Images" , *IET Image Processing*, Vol.19, No 1, 2025, . [Indexed by SCIE, IF:2, <https://doi.org/10.1049/ipr2.70072>]
 22. Chandran, K. Prabhu, **Gangu Dharmaraju**, Alok Misra, and Aleem Ali. "SqueezeNet-based key generation for secure device-to-device group authentication in 5G wireless networks." *Wireless Networks* (2025): 1-19. [Indexed by SCIE, IF:3 Q2, <https://doi.org/10.1007/s11276-025-03951-1>]
 23. Loganayagi, T., **Meesala Sravani**, Balajee Maram, and Telu Venkata Madhusudhana Rao. "Hybrid Deep Maxout-VGG-16 Model for Brain Tumour Detection and Classification Using MRI Images." *Journal of Biotechnology* (2025). [Indexed by SCIE, IF:4.1, Q2, <https://doi.org/10.1016/j.jbiotec.2025.05.009>]

24. Kantha, Praveen, J. Anitha, Katakam Venkateswara Rao, Balajee Maram, **Satish Muppidi**, and Parul Datta. "Pyramid-KNet: Pyramid Kroneckernet-based lung cancer detection using computed tomography images." *International Journal of Machine Learning and Cybernetics* (2025): 1-19.). [Indexed by SCIE, IF:3.1, Q2, <https://doi.org/10.1007/s13042-025-02571-7>]

National Conferences :



International Conferences

1. **Yanda, N.**, Tagore Babu, J., Aswin Kumar, K., Taraka Rama Rao, M., Ranjith Varma, K.V., Rahul Babu, N. (2024). Image Understanding Through Visual Question Answering: A Review from Past Research. In: Abraham, A., Bajaj, A., Hanne, T., Siarry, P., Ma, K. (eds) *Intelligent Systems Design and Applications. ISDA 2023. Lecture Notes in Networks and Systems*, vol 1050. Springer, Cham. https://doi.org/10.1007/978-3-031-64847-2_31
2. **S. Akila Agnes.**, Pedada, B., Sambangi, R., Dasari, M., Penugonda, V.P., Pati, S.R. (2024). Enhancing Remote Sensing Scene Classification with Channel-Spatial CNN (CS-CNN). In: Abraham, A., Bajaj, A., Hanne, T., Hong, TP. (eds) *Intelligent Systems Design and Applications. ISDA 2023. Lecture Notes in Networks and Systems*, vol 1047. Springer, Cham. https://doi.org/10.1007/978-3-031-64836-6_30
3. Choudhary, Ashutosh Kumar, Iram Nausheen, Nariman Khan, Brijendra Krishna Singh, and **Suniti Purbey**. "The design of an efficient bioinspired CNN model for automated malaria detection in blood smear images." In *AIP Conference Proceedings*, vol. 3111, no. 1. AIP Publishing, 2024.
4. Kishore, A. Ravi, **Suniti Purbey**, Ashutosh Kumar Choudhary, and Brijendra Krishana Singh. "Design of an efficient VARMAX model to leverage in-memory computing for faster big data analytics." In *AIP Conference Proceedings*, vol. 3111, no. 1. AIP Publishing, 2024.
5. **Dangety, Sowjanya**, Kasani Vaddi Kasulu, G. Swetha, Zareena Begum, Krishna Mohan Bhashyam, and A. Lakshmanarao. "Exploring Socioeconomic Influences on Life Expectancy through Machine Learning Ensemble Regression Techniques." In *2023 4th International Conference on Intelligent Technologies (CONIT)*, pp. 1-5. IEEE, 2024.
6. Lakshmi, Choudari, **Satish Muppidi**, Balajee Maram, R. Creesy, Suneetha Merugula, and Venubabu Rachapudi. "Climate Resilience Enhancement, Air Pollution Detects from Images using CNN." In *2024 Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI)*, pp. 1307-1314. IEEE, 2024.
7. **Chanti, Suragali**, et al. "Crop yield forecasting through novel machine learning dynamic ensemble selection techniques." *2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT)*. IEEE, 2024.
8. **N. L. V. Venugopal**, A. Sneha, V. D. Babu, G. Swetha, S. K. Banerjee and A. Lakshmanarao, "A Hybrid Model for Heart Disease Prediction using K-Means Clustering and Semi supervised Label Propagation," *2024 3rd International Conference for Advancement in Technology (ICONAT)*, GOA, India, 2024, pp. 1-5, IEEE, 2024.
9. **S. V. Kumar et al.**, "Verdict Prediction using Artificial Neural Networks," *2024 IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS)*, Pune, India, 2024, pp. 1-5

10. **N. L. V. Venugopal**, P. Kanchanamala, S. Muppidi, T. B. Prakash, T. Neelima and S. A. Devi, "Multilingual Toxic Comment Classification using Deep Learning," *2024 2nd International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)*, Erode, India, 2024, pp. 752-757, IEEE, 2024.
11. S. Gollapalli, **P. Kanchanamala**, S. Muppidi, B. Ankitha, C. Srikanth and V. Rachapudi, "Enhancing the Detection of PCOS using Deep Learning," *2024 2nd International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)*, Erode, India, 2024, pp. 736-740, IEEE, 2024.
12. **G. Dharmaraju**, T. N. Kumar, P. P. Mohan, R. Rao Pbv and A. Lakshmanarao, "Phishing Website Detection through Ensemble Machine Learning Techniques," *2024 2nd International Conference on Computer, Communication and Control (IC4)*, Indore, India, 2024, pp. 1-5, IEEE, 2024.
13. N. Sinha, D. S and **P. N. Singh**, "Refining Lazy Learners of Machine Learning Algorithms Facing Concept Drift," *2024 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC)*, Windhoek, Namibia, 2024, pp. 1-6, IEEE, 2024
14. **AnnanNaidu, P.**, A. VenkataMahesh, S. Paparao, and Manoj Kumar Kar. "Implementation of Machine Learning and Ensemble Learning Models for the Prediction of CKD and Drugs Side-Effect." In *International Conference on Electrical and Electronics Engineering*, pp. 93-110
15. K. Sreya, M. RajyaLaxmi, K. Nireesha, K. P. Kumar and **A. Bhavani**, "Review on Energy Consumption in Delay Tolerant Network (DTN)," *2024 International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS)*, Bengaluru, India, 2024, pp. 656-663
16. **Ganesh, Devadi**, PV Venkateswara Rao, N. Sudhakar Reddy, Sampathirao Suneetha, Prasanna Kumar Lakineni, and Sampathirao Yoganandh. "EXB_RNN: A Hybrid Ensemble Approach for Enhanced Aspect-Based Sentiment Analysis." In *International Conference on Computational Intelligence in Pattern Recognition*, pp. 409-424. Singapore: Springer Nature Singapore, 2024.
17. **Muppidi, Satish**, Sangeetha Gadudula, Sagarika Rani Vadana, Yaswanth Kondala, Niranjana Rao Lingam, and Anusha Potnuru. "Web-based selector-Applicant simulation software." In *2025 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE)*, pp. 1-6. IEEE, 2025.
18. **Singh, P. N.**, Mathews, A., Antu, A., & Suryanarayana, C. V. (2025, February). Voice Command Fingerprinting: An in-Depth Examination of Challenges and Issues. In *2025 3rd IEEE International Conference on Industrial Electronics: Developments & Applications (ICIDeA)* (pp. 1-5). IEEE.
19. **Baisakh**, Swain, B. P., Patel, N., & Kalia, S. (2025, February). LED-Based Adaptive Algorithm: A Novel Integration of Logit and Exponential Decay for Self-Organizing Sequential Search Problem. In *2025 International Conference on Emerging Systems and Intelligent Computing (ESIC)* (pp. 961-965). IEEE.
20. Priyanka, Jyotshna, & **Akila Agnes. S.**, & Kalabarige, L. R., & Venkata, R. A. (2025). Advancements in image forgery detection through deep learning methods. *AIP Conference Proceedings*, 3291(1), 30030.

21. Anbcuchezhian, A., Paul, M. B., Rajeev, R. E., Vallabadass, B. I., Raja, V., & **Akila Agnes. S** (2025). Web traffic anomaly detection using deep learning techniques. AIP Conference Proceedings, 3291(1), 30029.
22. Vetsa, P., Buddharaju, A., Dasari, V., Bogila, Y., **Akila Agnes. S**, & Paul, M. B. (2025). Semantic segmentation of remote sensing images of urban regions using deep learning methods. AIP Conference Proceedings, 3291(1), 30031.
23. **Rao, Desetti Srinuvasa**, Swathi Balija, Rohit Kanauzia, Ankit Garg, K. Chandramouli, and Balajee Maram. "Optimized Signcryption Mechanisms with SIMON and Ring Signatures for Healthcare Data Security." In 2025 International Conference on Intelligent Computing and Control Systems (ICICCS), pp. 484-492. IEEE, 2025.
24. **Venkataramana, Attada**, Poonam V. Tijare, and Paras Nath Singh. "Analyzing Efficiency and Accuracy of NLP Tasks by BART Transformer." In International Conference on Data Science and Big Data Analysis, pp. 251-263. Springer, Singapore, 2025.

Books/Book Chapter

1. Joseph Charles Tamilmaran, D., Ajin Varghese, Appadurai Arun Solomon, and **Sundaresan Akila Agnes**. "Unveiling the Cinematic Odyssey: Netflix User Experiences, with a Spotlight on Generation Z in India." In Harnessing AI, Machine Learning, and IoT for Intelligent Business: Volume 1, pp. 631-640. Cham: Springer Nature Switzerland, 2024.

July 2023- July 2024:

International Conference:

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2018-19 :

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2. **Aditya Kumar Sahu, Gandhraba Swain**, "**Pixel Overlapping Image Steganography Using PVD and Modulus Function**", 3D Research Journal, Vol.9:3,pp. 2-14, Springer Publisher, 2018, Indexed in ESCI & Scopus, ISSN(O): 2092-6731(Available Online)
DOI: <https://doi.org/10.1007/s13319-018-0188-5>
3. **M. Rama Chandra, Ravi Bhramaramba**, “**Type 2 Diabetes Classification and Prediction using Risk Score**”, International Journal of Pure and Applied Mathematics, (IJPAM), Vol. 119, No. 15, 2018, pp.1099-1111, ISSN 1311-8080 (P), ISSN 1314-3395 (O) (Indexed in: Scopus), SNIP: 0.388, SJR: 0.253
4. **Madhulatha K, Sadhika K, Dr. V. Prasad** "**Statistical Approach of Recalling Prediction Risk and Error Using Vapnik Chervonenkis Theory**" Recent Trends in Graduate Research-2018, GMR Institute of Technology, Proceedings published in International Journal of Academic Engineering Research (IJAER), Vol. 2 Issue 8, Pages: 86-89, ISSN: 2000-001X24th August 2018.
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2017-18 :

2017-18 :

National Conference:

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2017-18 :

National Journal:

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2017-18 :

International Conference:

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2017-18 :

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