GMR Institute of Technology (GMRIT) Deemed to be University

List of Publications
Department of Information Technology
GMR Institute of Technology (GMRIT) – Deemed to be University
Rajam, Andhra Pradesh–532127, India

Year	National Conference	National Journal	InternationalConference	International Journal	Book / Book Chapter	Total Publications	Consolidated Publications
July 2026-June 2027	**00**	**00**	**00**	**00**	**00**	**00**	**370**
July 2025-June 2026	00	00	21	18	00	**39**	**370**
July 2024-June 2025	00	00	05	05	01	**11**	**331**
July 2023-June 2024	00	00	19	19	05	**43**	**320**
July 2022-June 2023	00	00	19	17	02	**38**	**276**
2021-22	00	00	12	07	01	**20**	**238**
2020-21	00	00	00	10	02	**12**	**218**
2019-20	00	00	03	06	01	**10**	**206**
2018-19	01	00	09	10		**20**	**196**
2017-18	00	00	00	06		**06**	**176**
2016-17	01	00	02	10		**13**	**170**
2015-16	01	00	04	13		**18**	**157**
2014-15	07	00	00	14		**21**	**139**
2013-14	02	02	00	22		**26**	**118**

2012-13	03	01	04	08		**16**	**92**
2011-12	02	00	06	11		**19**	**76**
2010-11	02	00	09	05		**16**	**57**
2009-10	06	01	08	03		**18**	**41**
2008-09	03	02	06	02		**13**	**23**
2007-08	06	00	04	00		**10**	**10**

July 2025-June 2026

International Journals

1. Malathy Manickavasagam, **Vaddadi Vasudha Rani**, Uttam Kumar Giri, Balajee Maram,Skin cancer detection using harmonic brown bear optimization enabled transfer learning,Computational Biology and Chemistry,Volume 119,2025,108551,ISSN 1476-9271(Indexed in SCI, Q2,IF:3.1 https://doi.org/10.1016/j.compbiolchem.2025.108551).
2. **Vaddadi Vasudha Rani**,Seshashaye, M.Anuradha, Yarlagadda ,Kolukuluri, Madhavi ,Sridevi, Gudepu,Manjusha, Chinta,Musinana, Chandra. (2025). A Hybrid IEFDL Model for Accurate PM2.5 Forecasting in India Using Deep Learning and Multivariate Data Analysis. International Journal of Basic and Applied Sciences, ISSN 2227-5053,14,344-351 (Scopus Indexed, https://doi.org/10.14419/cvc00e96).
3. Bhamidipati K, Anuradha G, **Muppidi S**, Anjali Devi S. Gradient energy valley optimization enabled segmentation and Spinal VGG-16 Net for brain tumour detection. Network: Computation in Neural Systems, ISSN 0954-898X 2025 Jun 23:1-35. (SCI Indexed, Q3, IF:1.6, https://doi.org/10.1080/0954898x.2025.2513690).
4. Babu, Stalin & Eswanadhula, Ravi Kumar & Yamuna, V & Sambangi, Swathi & Reddy, Y & Manchala, Yugandhar. (2025). Leveraging Transfer Learning for Advanced Brain Tumor Diagnosis: Feature Extraction and Classification Strategies. International Journal of Computing and Digital Systems. 14. 1-11, (Scopus Indexed, Q3, IF:1.47), DOI:10.12785/ijcds/1571151666.
5. P. Deekshita, **V. Bonu**, A. Ramyasri, **V. Rani**, K. Bodduru, and N. Karyemsetty, "A Hybrid CBIR Framework Using Vision Transformers and Genetic Algorithm for Enhanced Image Retrieval", Journal of Applied Science and Technology Trends, vol. 6, no. 2, pp. 277–289, Sep. 2025(**Indexed in Scopus,Q4**), doi: 10.38094/jastt62304.
6. **Pooja Panapana** and Balajee Maram, "Brain Tumor Detection using GPT-NeoX-20B Large Language Model Driven Scaling Wide Residual Neuron Attention Stage-by-Stage Net", International Journal of Biomathematics, Nov.2025**(Indexed in Scopus,Q2)**, https://doi.org/10.1142/S1793524525501311.
7. **Bharathi, Ch**.; Subhadra, P.; Arunprakash, R.; Sowmiya, A.; Krishnaveni, K.B.; Gupta, S.; Philip, J.M. "Framework for 5g-integrated industrial iot user authentication using elliptic curve cryptography" Journal of Environmental Protection and Ecology, Volume: 26 Issue: 6 Pages: 2296 – 2305, Nov.2025**(Indexed in Scopus,Q4).**
8. Ganeshan Ramasamy, Sreenu Ponnada, Balashanmuga Vadivu Palanivel, **Hari Krishna Marrapu**,DBNA-Net: A deep learning framework for the classification of lung and colon cancer using histopathological images,Expert Systems with Applications,Volume 305,DEc2025, ISSN 0957-4174,https://doi.org/10.1016/j.eswa.2025.130901,**(Indexed in SCIE , Scopus Q1).**
9. **Santoshi K**, Shaik S, **Rout AK**. Fractional Quokka swarm optimization enabled Hierarchical Convolutional Neural Network for IoT Driven heart disease detection and monitoring. Comput Biol Chem. 2026 Apr;121:108858. doi: 10.1016/j.compbiolchem.2025.108858. Epub 2025 Dec 16. PMID: 41443141,**(Indexed in Scopus, Q2,IF:3.63).**
10. **Satish Muppidi**, Kishore Bhamidipati, Grandhi Siva Sankar, Anupkumar M. Bongale, Ramesh Babu P, Adaptive network based fuzzy inference system efficientnet for autism spectrum disorder detection with optimization based pivotal region extraction, Psychiatry Research: Neuroimaging, Volume 356,2026,112109, ISSN 0925-4927, https://doi.org/10.1016/j.pscychresns.2025.112109**.(Indexed in Scopus, Q1, IF:2.26).**
11. Nerella Sameera, Ramamani Tripathy, Balajee Maram, G. Venkatakotireddy, **Satish Muppidi**, Muni Sekhar Velpuru, Wide residual quantum dilated convolutional neural network for zero-day attack detection, Engineering

Applications of Artificial Intelligence, Volume 166, Part B,2026,113404,ISSN 0952-1976, https://doi.org/10.1016/j.engappai.2025.113404, **(Indexed in Scopus, Q1, IF:8.0).**

12. M. Malathy, **Satish Muppidi**, Velaga Sreerama Murthy, Sreenu Ponnada: Statistical-based local vector pattern features and shuffle deep neural network for lung cancer detection using computed Tomography image. Eng. Appl. Artif. Intell. 165: 113391 (2026), ISSN 0952-1976 , https://doi.org/10.1016/j.engappai.2025.113391, **(Indexed in Scopus, Q1, IF:8.0).**
13. Kumar, Pradeep & Senapati, Ranjan & Mankar, Prasanth & Choudhary, Santosh & Prasad, P.M.K. & **Satish, Muppidi** & Swain, Gandharba. (2025). An AI-Based Method for Automated Breast Cancer Detection and Localization in Mammogram and Ultrasound Images. Engineering, Technology & Applied Science Research. 15. 27266-27272. 10.48084/etasr.11951,**(Indexed in Scopus, Q2, IF:2.64).**
14. Ganeshan Ramasamy, Sreenu Ponnada, Balashanmuga Vadivu Palanivel, **Hari Krishna Marrapu**, DBNA-Net: A deep learning framework for the classification of lung and colon cancer using histopathological images, Expert Systems with Applications,Volume305, Dec2025, ISSN 0957-4174, https://doi.org/10.1016/j.eswa.2025.130901**, (Indexed in SCIE, Scopus Q1,IF:7.5),**
15. Sagiraju, Hima Keerthi, G. Anuradha, Venubabu Rachapudi, Suneetha Merugula and **Satish Muppidi**. "Fractal Shepard Forward Fractional Network For Diabetic Retinopathy Severity Grade Classification." Biomedical Engineering: Applications, Basis and Communications (2025), Volume 35, Issue 4, 2550042, ISSN 1016-2372, (**Scopus Indexed, Q4,** IF:0.66, https://doi.org/10.4015/S1016237225500425).
16. Kalpana, P., **Lenka, S**., Bhamidipati, K. *et al.* Sustainable jute fiber-reinforced concrete: an integrated ensemble and interpretable machine learning framework for strength prediction. *Asian J Civ Eng* (2026),ISSN 1563-0854, (**Scopus Indexed, Q2,** IF:3.13, https://doi.org/10.1007/s42107-026-01640-8).
17. **Boddu Padmaja**, N. Duraimurugan , Sandip M. Patange , Dr. Biswarup Mukherjee , Dr. Dipasha K Rao, Dr. Parismita Sarma, "IoT Integrated MEMS Drug Delivery System with AI Driven Release Optimization" Journal: The International Journal of Drug Delivery Technology, DOI: https://doi.org/10.25258/ijddt.16.49s.42 (Q3, Impact factor SJR (2024): 0.18).
18. **Tata Sowjanya Kumari** , A S P V E Achari , Ayyagari Prasada Rao, Dr T Sravan Kumar , Suru Naveen Kumar , Girija Kumari Kolluru, "Functions Of Python Programming In Scientific Data Analysis Methods: Data Cleaning, Interpolation, and Analysis of Simple Pendulum, Ohm's Law, and Spring Constant Measurements "Journal: The International Journal of Drug Delivery Technology, DOI: https://doi.org/10.25258/ijddt.16.58s.187 (Q3, Impact factor SJR (2024): 0.18

National / International Conferences

1. **Swathi Lenka**, S. Vandana Sree; B. Ramana; N. Yaswanth Kumar; Y. Siva Sankar Reddy; M. Harsha Vardhan Dev, GAN-augmented deep learning approaches for copy-move forgery detection in digital media, AIP Conf. Proc. 3298, 020010 July 9 2025 (scopus Indexed, https://doi.org/10.1063/5.0279992).
2. **Ch. Bharathi**, B. Brindavathi, V. Gowtham Sai, Development of a secure file storage system leveraging hybrid cryptographic techniques, *AIP Conf. Proc.* 3298, 02001, July 9 2025 (Scopus indexed, https://doi.org/10.1063/5.0279518).
3. **V. Vasudha Rani,** D. Priyanka, Ajit Kumar Rout, B. Jaya; Deep learning prognostication from brain MRI: Advancements in survival prediction. *AIP Conf. Proc.* 9 July 2025; 3298 (1): 020023, (Scopus indexed ,https://doi.org/10.1063/5.0284110).

4. **V. Vasudha Rani,** D. Priyanka, Ajit Kumar Rout, B. Jaya; Deep learning prognostication from brain MRI: Advancements in survival prediction. *AIP Conf. Proc.* 9 July 2025; 3298 (1): 020023,(Scopus Indexed, https://doi.org/10.1063/5.0284110).
5. **Kancherla Santoshi**, Subhani Shaik, Ajit Kumar Rout; Intelligent remote health monitoring model: Predicting multiple diseases. *AIP Conf. Proc.* 9 July 2025; 3298 (1): 020051, (Scopus indexed ,https://doi.org/10.1063/5.0279489).
6. **Kancherla Santoshi**, G. T. Chandra Sekhar, Buddha Hari Kumar, G. Bhavani; Recommendation system: Sickle cell risk prediction. *AIP Conf. Proc.* 9 July 2025; 3298 (1): 040018,(Scopus Indexed, https://doi.org/10.1063/5.0279352).
7. **P. Srihari, Ajit Kumar Rout,** Ch. Sudheer, Abhisek Sethy; Machine learning-based forecasting of caloric expenditure in digital health research. *AIP Conf. Proc.* 9 July 2025; 3298 (1): 020056, (Scopus indexed, https://doi.org/10.1063/5.0279354).
8. **Padmavathi Pragada,** T. Guna Teja, P. Thirupathi Reddy, T. Gowtham, P. Prudvi Raj; Enhancing crop selection and yield forecasting in Indian agriculture through advanced machine learning methods. *AIP Conf. Proc.* 9 July 2025; 3298 (1): 020007. (Scopus Indexed, https://doi.org/10.1063/5.0279307).
9. K. Rachitha Sony, M. V. Kishore, Polumuri Spandana Valli, **Satish Muppidi**, B. Akash, P. Haritha; Fostering sustainable agriculture: Harnessing machine learning techniques for enhanced crop yield prediction. *AIP Conf. Proc.* 9 July 2025; 3298 (1): 020039,(Scopus indexed, https://doi.org/10.1063/5.0279680).
10. Manisha Das, Sarath Kumar Kella, K. Rachitha Sony, **Satish Muppidi**, Suneetha Merugula; A multimodal deep learning strategy for precise semantic segmentation of satellite-derived aerial imagery. *AIP Conf. Proc.* 9 July 2025; 3298 (1): 020040,(Scopus indexed, https://doi.org/10.1063/5.0280720).
11. V. Yamuna, R. Premendrika, **G. S. Babu**, K. L. Kumar, B. Kousik and G. Sriraj, "Diabetic Retinopathy Detection by using Transfer Learning Models," 2025 Third International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), Trichy, India, 2025, pp. 178-183,(Scopus Indexed, 10.1109/ICAISS61471.2025.11041983).
12. **G. S. Babu,** M. Lakshmi Sathwika, V. Yamuna, K. Sahithi, N. Rohith and P. Abhishek, "Hybrid Quantum Convolutional Neural Networks for Enhanced Diabetic Retinopathy Detection," 2025 4th OPJU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industry 5.0, Raigarh, India, 2025, pp. 1-6, DOI: 10.1109/OTCON65728.2025.11070674.
13. **M. Harikrishna**, A. V. Prabhakar, B. Maram, C. Anilkumar and S. V E, "Towards Responsible AI in Agriculture: A Framework for Machine Unlearning in Precision Farming Systems," *2025 2nd International Conference on Computational Intelligence and Computing Applications (ICCICA)*, Samalkha, India, 2025, pp. 271-275, doi: 10.1109/ICCICA67008.2025.11337893.
14. K. Venugopal, A. V. Ramana and **P. A. Naidu**, "Optimized Colon Cancer Nuclei Classification Using Hybrid Swin Transformer and CNN Model: A Comparative Study," *2025 Seventeenth International Conference on Contemporary Computing (IC3)*, Noida, India, 2025, pp. 1-6, doi: 10.1109/IC366947.2025.11290195.
15. **Muppidi, S**., Vanniappan, M., Nandini, S.S., Merugula, S., Maram, B., Maram, R.R. (2026). Social Crow Search Optimization Based Deep Neural Framework for Retinopathy Screening. In: Swaroop, A., Virdee, B., Correia, S.D., Polkowski, Z. (eds) Proceedings of Data Analytics and Management. ICDAM 2025. Lecture Notes in Networks and Systems, vol 1594. Springer, Cham. https://doi.org/10.1007/978-3-032-02949-2_14.
16. Angadi, A., Surekha, A., Gorripati, S.K., **Muppidi, S**. (2026). Citation Knowledge Graphs for Academic Insights: Modelling, Processing, and Analysis. In: Bhattacharya, R., Rathore, Y.K., Tran, T.A., Swarnkar, S.K. (eds) Graph Mining. Synthesis Lectures on Computer Science. Springer, Cham. https://doi.org/10.1007/978-3-031-93802-3_9.

17. **M. Harikrishna**, A. V. Prabhakar, B. Maram, C. Anilkumar and S. V E, "Towards Responsible AI in Agriculture: A Framework for Machine Unlearning in Precision Farming Systems," *2025 2nd International Conference on Computational Intelligence and Computing Applications (ICCICA)*, Samalkha, India, 2025, pp. 271-275, doi: 10.1109/ICCICA67008.2025.11337893.
18. Maram B.; Yamsani N.; Muppid S.; Aggarwal A.; Rajeshwari B.; Kumar D.S.R" AIoT Powered Smart Healthcare Framework for Zoonotic Disease Detection in Fog-Cloud Computing Ecosystems" AIP Conf. Proc. 3385, 030003 (2026),.(Scopus Indexed, https://doi.org/10.1063/5.0316222).
19. **Chanti S**.; Tayyar G.R.L.M.; Srivallidevi V.; Kumar P.A.; Pardhu B.S.S.G.; Lakshmanarao A." A Multi-Scale Deep Learning Framework for Automated Cardiac Arrhythmia Classification Using ECG Signals" Proceedings of 8th International Conference on Intelligent Sustainable Systems, ICISS 2026(Scopus Indexed, 10.1109/ICISS67859.2026.11453879).
20. Pramod Kumar P.; Thirupathi V.; Sagar K.; Madira S.; Srinivas J**.; Muppidi S**" Cognitive Decision Support Framework for Internet of Vehicles in 6G Networks through Machine Learning and Edge Intelligence Proceedings of the 4th International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCioT 2026 (Scopus Indexed, 10.1109/IDCIoT67589.2026.11455747)

21. Sriveni B.; Pramod Kumar P.; **Muppidi S,**" Reviving Artificial Emotional Intelligence: Deep-Learning Frameworks for Context-Aware Multi-Sentiment Understanding," 2026 IEEE International Conference on Emerging Computing and Intelligent Technologies, ICoECIT 2026, pp. 1-7, doi:10.1109/ICoECIT68303.2026.11497436.

July 2024-June 2025

International Conferences:

1. **Vaddadi, V. R.,** Bharathi, C., Rout, A. K., & Tirunagari, A. K. (2024, May). A Handwriting Recognition System That Outputs Editable Text And Audio. In *2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)* (pp. 1-7). IEEE.
2. Maram, B., Vasavi, G., **Rani, V. V.,** Ramesh, B., Reddy, M. N. N., & Pappu, S. R. (2024, October). Predictive Models of Cholesterol Levels through Protein Expression Patterns. In *2024 International Conference on Intelligent Systems and Advanced Applications (ICISAA)* (pp. 1-5). IEEE.
3. **Rout, A. K.,** Sethy, A., & **Rani, V. V.** (2024, May). Predicting Disease Risk with Machine Learning: A Comparative Study of Classification Algorithms. In *2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)* (pp. 1-7). IEEE.
4. **Kishore, A. R.,** Purbey, S., Choudhary, A. K., & Singh, B. K. (2024, July). 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.
5. **Ramya, V.,** Brindavathi, B., Varun, K., Dev, M. S., Charan, T. S., & Anusha, V. (2024, May). Segmentation of Neural Cells by Instance Using Deep Learning Methods. In *2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)* (pp. 1-6). IEEE.

Journals:

1. Vasavi, G., **Rani, V. V.,** Ponnada, S., & Jyothi, S. (2025). A hybrid EfficientNet-DbneAlexnet for brain tumor detection using MRI images. *Computational Biology and Chemistry*, *115*, 108279.
2. **Rani, V. V.,** Vasavi, G., Paul, P. M., & Rani, K. S. (2025). IoT based healthcare system using fractional dung beetle optimization enabled deep learning for breast cancer classification. *Computational Biology and Chemistry*, *114*, 108277.
3. **Rout, A. K.,** & Ponnada, S. (2024). Segmentation and classification of brain tumor using Taylor fire hawk optimization enabled deep learning approach. *Electromagnetic Biology and Medicine*, *43*(4), 337-358.
4. **Kotti, J.,** Banu, J. M. S., & Lakshmanan, R. (2024). Recurrent Shephard convolutional neural network for heart disease prediction in spark framework. International Journal of Ad Hoc and Ubiquitous Computing, 46(4), 216-230.
5. Loganayagi, T., **Panapana, P.,** Ramanjaiah, G., & Das, S. (2024). EGDP based feature extraction and deep convolutional belief network for brain tumor detection using MRI image. Network: Computation in Neural Systems, 1-31.

Book Chapters:

1. Katre, S., **Kotti, J.,** Joshi, N., Pawar, N., Pramanik, S., & Gupta, A. (2024). Renewable Energy Sources for a Sustainable Worldwide Prospective: Forecasting Future Multi-Sector Sustainable Regulations. In *Design Strategies for Efficient and Sustainable Building Facilities* (pp. 75-100). IGI Global.

July 2023-June 2024

International Conferences:

1. Veeraiah, V., Talukdar, V., Talukdar, S. B., **Kotti, J.,** Dharani, M. K., & Gupta, A. (2023, July). IoT Framework in a Blockchain dependent Cloud Environment. In 2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT) (pp. 1-6). IEEE.
2. Veeraiah, V., **Kotti, J.,** Jain, V., Sharma, T., Saini, S., & Gupta, A. (2023, July). Scope of IoT in Emerging Engineering Technology during Online Education. In 2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT) (pp. 1-6). IEEE.
3. **Karrothu, A.,** Brindavathi, B., & Anilkumar, C. (2023, July). New Fuzzy IBE System using Odor Detection. In 2023 4th International Conference on Electronics and Sustainable Communication Systems (ICESC) (pp. 1556-1560). IEEE.
4. Pushpa, G. G., **Kotti, J.,** & Bindumadhuri, C. (2023, August). Face Emotion Recognition Based on Images Using the Haar-Cascade Front End Approach. In International Conference on Cognitive Computing and Cyber Physical Systems (pp. 331-339). Cham: Springer Nature Switzerland.
5. Ram, K. B., Venkatesh, B., Sree, S. P. S., **Anilkumar, C.,** Reddy, V. S. N., & Kodumuri, B. (2023, August). Image Caption And Speech Generation Using LSTM And GTTS API. In 2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS) (pp. 992-997). IEEE.

6. **Anilkumar, C.,** Venkatesh, B., & Annapoorna, S. (2023, August). Smart Attendance System with Face Recognition using OpenCV. In 2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS) (pp. 1149-1155). IEEE.
7. Brindavathi, B., **Karrothu, A.,** & Anilkumar, C. (2023, August). An Analysis of AI-based SQL Injection (SQLi) Attack Detection. In 2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS) (pp. 31-35). IEEE.
8. **Hari Krishna, M.,** Bhavitha, C., Siva, A., Sai Srinivas, K., & Dinesh, K. (2023, October). Deep Learning Model-Based Approach for DDoS Detection and Classification. In *The International Conference on Recent Innovations in Computing* (pp. 129-150). Singapore: Springer Nature Singapore.
9. **Uriti, A.,** Kakarla, D. P., Jinugu, D., Silla, K. N., Krishna, K. S., & Anilkumar, C. (2023, November). A Survey on Generating Audio with Captions for a Live Video using Neural Networks. In 2023 International Conference on Sustainable Communication Networks and Application (ICSCNA) (pp. 1012-1019). IEEE.
10. Manepalli, D. P., Garugu, A., Kandarpa, V. A., Kummari, S. M., Jangam, S. R., & **Karrothu, A.** (2023, December). A Study on SQL Injection Detection: AI-based Perspective. In 2023 International Conference on Energy, Materials and Communication Engineering (ICEMCE) (pp. 1-4). IEEE.
11. **Kishore, A. R.,** Niveditha, K., Uriti, A., Anilkumar, C., Sarabu, A., & Prasanna, K. V. L. (2023, December). An in-depth Analysis of the Elements Shaping Organic Farmers: A Systematic Review. In 2023 International Conference on Energy, Materials and Communication Engineering (ICEMCE) (pp. 1-5). IEEE.
12. **Krishna, M. H.,** Juttiga, A., Shobharani, M., Deepa, D., Anilkumar, C., & Sarabu, A. (2023, December). Exploring Quantum Key Distribution for Secure Communication: A Comprehensive Survey. In 2023 International Conference on Energy, Materials and Communication Engineering (ICEMCE) (pp. 1-5). IEEE.
13. **Anilkumar, C.,** Venkatesh, B., & Velisi, N. (2023, December). A Wavelet Transformation Technique and Cryptographic Encryption for Image Stegan o graphy. In *International conference on smart computing and cyber security: strategic foresight, security challenges and innovation* (pp. 333-344). Singapore: Springer Nature Singapore.
14. **Rout, A. K.,** Nayak, S. R., & Kumar, R. (2023, December). Identification and Mitigation Process for the Air Quality Using Machine Learning Techniques. In *International conference on smart computing and cyber security: strategic foresight, security challenges and innovation* (pp. 281-293). Singapore: Springer Nature Singapore.
15. Sethy, A., **Rout, A. K.,** Nayak, S. R., & Kumar, R. (2023, December). Book Genre Classification System Through Supervised Learning Technique. In *International conference on smart computing and cyber security: strategic foresight, security challenges and innovation* (pp. 233-245). Singapore: Springer Nature Singapore.
16. **Rout, A. K.,** Sethy, A., & Rani, V. V. (2024, May). Predicting Disease Risk with Machine Learning: A Comparative Study of Classification Algorithms. In *2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)* (pp. 1-7). IEEE.
17. **Vaddadi, V. R.,** Bharathi, C., Rout, A. K., & Tirunagari, A. K. (2024, May). A Handwriting Recognition System That Outputs Editable Text And Audio. In *2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)* (pp. 1-7). IEEE.
18. **Ramya, V.,** Brindavathi, B., Varun, K., Dev, M. S., Charan, T. S., & Anusha, V. (2024, May). Segmentation of Neural Cells by Instance Using Deep Learning Methods. In *2024*

International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE) (pp. 1-6). IEEE.

19. **Karrothu, A.,** Mahesh, U., Bhanu, P., & Sahu, T. C. (2024, May). A Two-Factor Authenticated and Secure Credit Card System for E-Platforms. In 2024 2nd International Conference on Advancement in Computation & Computer Technologies (InCACCT) (pp. 871-874). IEEE.

International Journals:

1. **Sethy, A., Rout, A. K., Uriti, A., & Yalla, S. P.** (2023). A Comprehensive Machine Learning Framework for Automated Book Genre Classifier. Revue d'Intelligence Artificielle, 37(3), 745.
2. **Kanchanamala, P.,** Revathi, K. G., & Ananth, M. B. J. (2023). Optimization-enabled hybrid deep learning for brain tumor detection and classification from MRI. Biomedical Signal Processing and Control, 84, 104955.
3. Vidyadhari, C., **Karrothu, A.,** Manickavasagam, P., & Anjali Devi, S. (2023). Autism Spectrum Disorder Detection Using Fractional Social Driving Training-Based Optimization Enabled Deep Learning. Multimedia Tools and Applications, 1-26.
4. **Daniya, T.,** & Vigneshwari, S. (2023). Rider Water Wave-enabled deep learning for disease detection in rice plant. Advances in Engineering Software, 182, 103472.
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7. Akshaya, V., Mandala, V., **Anilkumar, C.,** VishnuRaja, P., & Aarthi, R. (2023). Security enhancement and attack detection using optimized hybrid deep learning and improved encryption algorithm over Internet of Things. Measurement: Sensors, 30, 100917.
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11. **Kotti, J., Padmaja, B.,** & Deepa, D. (2024). Enhancing Gesture-Controlled Virtual Mouse and Virtual Keyboard Using AI Techniques. Journal of Mobile Multimedia, 437-494.
12. Reddy, K. R.., Farhad, S.., **Kotti, J.**., Sonule, V.., Muniyandy, E.., & Verma, A. (2024). IoT-Driven Big Data Analytic to Automate Blockchain Adaptation. International Journal of Intelligent Systems and Applications in Engineering, 12(14s), 600–608.
13. **Anilkumar, C.,** Rani, M. S., Venkatesh, B., & Rao, G. S. (2024). Automated License Plate Recognition for Non-Helmeted Motor Riders Using YOLO and OCR. Journal of Mobile Multimedia, 239-266.
14. **Chunduru, A.,** Kishore, A. R., Sasapu, B. K., & Seepana, K. (2024). Multi chronic disease prediction system using CNN and random forest. SN Computer Science, 5(1), 157.

15. **Anilkumar, C.,** Lenka, S., Neelima, N., & Sathishkumar, V. E. (2024). A Secure Method of Communication Through BB84 Protocol in Quantum Key Distribution. Scalable Computing: Practice and Experience, 25(1), 21-33.
16. Anuradha, T., Krishnamoorthy, N., Kumar, C. P., Prasad, L. N., **Chunduru, A.,** & Moorthy, U. (2024). A Method for Specifying Yoga Poses Based on Deep Learning, Utilizing OpenCV and Media Pipe Technologies. Scalable Computing: Practice and Experience, 25(2), 739-750.
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19. Purbey, S., Khandelwal, B., & **Choudhary, A. K. (**2023). Design of a blockchain-based secure and efficient ontology generation model for multiple data genres using augmented stratification in the healthcare industry. Signal, Image and Video Processing, 17(7), 3515-3523.

Book Chapter

1. Ramesh, J. V. N., **Kotti, J.,** Chandani, P., Gupta, R., Ansari, A., Mahesh, T. R., & Dhabliya, D. Machine Learning-Based Inconsistency Detection in Medical Data. In Smart Technologies in Healthcare Management (pp. 15-25). CRC Press.
2. Pandey, J. K**., Kotti, J.,** Dhabliya, D., Sharma, V., Choudhary, S., & Anand, R. Integration of Nature-Inspired Mechanisms to Machine Learning in Real Time Sensors, Controllers, and Actuators for Industrial Automation. In Robotics and Automation in Industry 4.0 (pp. 1-25). CRC Press.
3. Pandey, J. K., Veeraiah, V., Kumar, M. R., Kumari, P. L**., Kotti, J.,** Dharani, M. K., & Gupta, A. (2024). Emerging Soft Computing and Machine Learning Techniques Applicable in Industrial and Automated Applications. In Robotics and Automation in Industry 4.0 (pp. 65-88). CRC Press.
4. **Kotti, J.,** Ganesh, C. N., Naveenan, R. V., Gorde, S. G., Basha, M., Pramanik, S., & Gupta, A. (2024). Utilizing Big Data Technology for Online Financial Risk Management. In Artificial Intelligence Approaches to Sustainable Accounting (pp. 135-148). IGI Global.
5. **Pragada, P.,** Dhar, M. M., Rai, R. K., Devi, P. B., & Nidhya, M. S. (2024). Privacy Protection for Internet of Medical Things Data Using Effective Outsourced Support Vector Machine Approach. In *AI-Centric Modeling and Analytics* (pp. 145-161). CRC Press.

July 2022-June 2023:

International Conferences:

1. **Sethy, A.,** Rout, A. K., Gunda, C., Routhu, S. K., Kallepalli, S., & Garbhapu, G. (2022, June). Book Genre Classification System Using Machine Learning Approach: A Survey. In International Conference on Soft Computing and Signal Processing (pp. 231-241). Singapore: Springer Nature Singapore.
2. Rao, H. J., Maram, B., & **Daniya, T.** (2022, April). Convolution Neural Network System for Discriminate Drug Sampling Technique SMOTE. In 2022 IEEE 11th International Conference on Communication Systems and Network Technologies (CSNT) (pp. 380-384). IEEE.
3. Vadamodula, P., Cristin, R., & **Daniya, T.** (2022, July). Web Based Voice Assistant for Railways Using Deep Learning Approach. In International Conference on Ubiquitous Computing and Intelligent Information Systems (pp. 513-526). Singapore: Springer Nature Singapore.
4. Maram, B., Das, S., **Daniya, T.,** & Cristin, R. (2022, July). A framework for weed detection in agricultural fields using image processing and machine learning algorithms. In 2022 International Conference on Intelligent Controller and Computing for Smart Power (ICICCSP) (pp. 1-6). IEEE.
5. **Kanchanamala, P**, Karnati, R, Bhaskar Reddy, PV. Hybrid optimization enabled deep learning and spark architecture using big data analytics for stock market forecasting. Concurrency Computat Pract Exper. 2023; e7618. doi: 10.1002/cpe.7618
6. **Santoshi, K., Anilkumar, C.,** & Bhardwaj, S. S. (2022, December). Recognition of Handwritten Digit Using Neural Networks. In 2022 IEEE 2nd International Symposium on Sustainable Energy, Signal Processing and Cyber Security (iSSSC) (pp. 1-5). IEEE.
7. Sahu, S., **Daniya, T.,** & Cristin, R. (2023, January). A study on weather-based crop prediction system using big data analytics and machine learning. In 2023 5th International Conference on Smart Systems and Inventive Technology (ICSSIT) (pp. 794-800). IEEE.
8. Someswari, P., Cristin, R., & **Daniya, T.** (2023, January). Traffic sign detection using Deep learning techniques. In 2023 Third International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT) (pp. 1-6). IEEE.
9. **Anilkumar, C.,** Karrothu, A., Mouli, N. S., & Tej, C. B. (2023, January). Recognition and Processing of phishing Emails Using NLP: A Survey. In 2023 International Conference on Computer Communication and Informatics (ICCCI) (pp. 1-4). IEEE.
10. Purbey, S., **Choudhary, A. K.,** & Dewangan, B. K. (2023, February). Evolution of Low-Power Blockchain Technology by using Iterative Sharding for IoT Environment. In 2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON) (pp. 1-6). IEEE.
11. Paulraj, D., Lavanya, R., Jayasudha, T., Niranjana, M. I., **Daniya, T.,** & Shadrach, F. D. (2023, February). Blockchain-based wireless sensor network security through authentication and cluster head selection. In 2023 IEEE International Conference on Integrated Circuits and Communication Systems (ICICACS) (pp. 1-5). IEEE.
12. **Srihari, P.,** Venkat, K. K. B. N., Sirisha, B. S., Yaswanth, B. V., & Krishna, B. V. (2023, March). Game Automation System Based on Computer Vision. In 2023 International

Conference on Sustainable Computing and Data Communication Systems (ICSCDS) (pp. 870-875). IEEE.

13. **Rout, A. K.,** Sethy, A., & Mouli, N. S. (2023, April). Machine learning model for awareness of diet recommendation. In 2023 International Conference on Inventive Computation Technologies (ICICT) (pp. 96-101). IEEE.
14. **Padmavathi, P.,** Mahadas, B. B., Kalluri, S. S., Devarapu, P., & Bandi, S. L. (2023, May). Optical Character Recognition and Text to Speech Generation System using Machine Learning. In 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC) (pp. 1-6). IEEE.
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16. Dev, M. J. S., Ratna, T. V., Tharun, P. S., Harsha, M. S., & **Daniya, T.** (2023, May). Plant Disease Detection and Crop Recommendation using Deep Learning. In 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC) (pp. 207-214). IEEE.
17. Ajay, G., Lokesh, A., Sravanasandhya, D., Kousalya, G., Teja, D. D., & **Daniya, T.** (2023, May). A Web DApp for Efficient Organ Donation Management System: Leveraging Centralized Wallet Architecture as Backend. In 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC) (pp. 666-672). IEEE.
18. **Santoshi, K.,** Saranya, G., Reddy, C. R., Reddy, C. J., Gyananandu, K., & Tej, G. N. (2023, May). Deep Learning based Web App for Malaria Parasite Detection in Granular Blood Samples. In 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC) (pp. 291-297). IEEE.
19. Vamsee, C. S., Rakesh, D., Prathyusha, I., Dinesh, B., & **Bharathi, C.** (2023, May). Demographic and psychographic customer segmentation for ecommerce applications. In 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC) (pp. 615-622). IEEE.

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2. Aguru, A. D., Babu, E. S., Nayak, S. R., **Sethy, A.,** & Verma, A. (2022). Integrated industrial reference architecture for smart healthcare in internet of things: a systematic investigation. Algorithms, 15(9), 309.
3. **Yalla, S. P.,** Uriti, A., & Sethy, A. (2022). Wheel chair movement through eyeball recognition using raspberry Pi. Specialusis Ugdymas, 1(43), 8583-8591.
4. **Marrapu, H. K.** (2022). Detection of Glaucoma Using Deep Learning Techniques: Literature Survey. Specialusis Ugdymas, 1(43), 8089-8098.
5. **Kanchanamala, P.,** Tummidi, V. S., Manideep, P., Dedeepya, R., & Jaswanth, Y. (2022). A Study on Deep learning Approaches for Mood Based Music Endorsement Systems. NeuroQuantology, 20(9), 6574.
6. **Swathi, L.,** Satyanarayana, T. V., Saranya, S., Sree, R. S., & Mouli, S. C. (2022). Survey on

Automatic Drowsiness Detection and Alert System using Deep Learning. Specialusis Ugdymas, 1(43), 10098-10112.
7. **Rout, A. K., Sethy, A.,** & Nayak, S. R. (2022). Adaptive MLELM-AE model for efficient prediction of stock market data. Journal of Statistics and Management Systems, 25(7), 1541-1552.
8. **Rout, A. K., Sethy,** A., Kumar, M. R., Ahamed, M. F., & Mohan, S. (2022). Text summarization adaptive models for semantic relevance information: A survey. Specialusis Ugdymas, 1(43), 10836-10844.
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10. **Choudhary, A. K.,** Varma, S. J., Vikas, V., Jayanth, D., & Rakesh, T. (2022). Survey on Machine Learning Based Intrusion Detection System. NeuroQuantology, 20(19), 644.
11. **Santoshi, K.,** Keerthana, P., Priyanka, P., Suryateja, M., & Supraja, M. (2022). Automatic Web Based Evaluator of Programming Assignments-A Review. NeuroQuantology, 20(19), 2384.
12. **Daniya, T.,** & Vigneshwari, S. J. A. I. E. S. (2022). A novel Moore-Penrose pseudo-inverse weight-based Deep Convolution Neural Network for bacterial leaf blight disease detection system in rice plant. Advances in Engineering software, 174, 103336.
13. Kotha, S. K., Rani, M. S., Subedi, B., **Chunduru, A.,** Karrothu, A., Neupane, B., & Sathishkumar, V. E. (2022). A comprehensive review on secure data sharing in cloud environment. Wireless Personal Communications, 127(3), 2161-2188.
14. Emil Selvan, G. S. R., **Daniya, T.,** Ananth, J. P., & Suresh Kumar, K. (2024). Network intrusion detection and mitigation using hybrid optimization integrated deep Q network. Cybernetics and Systems, 55(1), 107-123.
15. **Daniya, T.,** & Srinivasan, V. (2023). Shuffled shepherd social optimization based deep learning for rice leaf disease classification and severity percentage prediction. Concurrency and Computation: Practice and Experience, 35(4), e7523.
16. Nalinipriya, G., Geetha, M., Sudha, D., & **Daniya, T.** (2023). Fuzzy Neighbors and Deep Learning-Assisted Spark Model for Imbalanced Classification of Big Data. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 31(01), 141-162.
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18. **Kanchanamala, P.,** Lakshmanan, R., Muthu Kumar, B., & Maram, B. (2023). Aaco: Aquila anti-coronavirus optimization-based deep lstm network for road accident and severity detection. International Journal of Pattern Recognition and Artificial Intelligence, 37(05), 2252030.

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1. Maram, B., Gampala, V., Muppidi, S., & **Daniya, T.** (2022). Robust Fraud Detection Mechanism. Cyber Security and Network Security, 71-94.
2. Mandala, J., Ganeshan, R., Maram, B., & **Daniya, T.** (2022). IoT and Artificial Intelligence for Healthcare Informatics: Evolving Technologies. In Handbook of Research on Mathematical Modeling for Smart Healthcare Systems (pp. 110-120). IGI Global.

July 2021-June 2022:

International Conferences:

1. **Ayinavalli, V. R.,** Kavisankar, L., Ravichandran, K., & Balasubramani, S. (2021). Cybersecurity Awareness on Video Conferencing Service During Coronavirus Pandemic. In Sixth International Conference on Intelligent Computing and Applications: Proceedings of ICICA 2020 (pp. 185-191). Springer Singapore.
2. **Uriti, A., Yalla, S. P.,** & Chintada, K. R. (2021, November). An Approach of Understanding Customer Behavior with an Emphasis on Rides. In 2021 Innovations in Power and Advanced Computing Technologies (i-PACT) (pp. 1-5). IEEE.
3. **Sethy, A.,** Patra, P. K., & Nayak, S. R. (2022). A deep convolutional neural network-based approach for handwritten recognition system. In Computational Intelligence in Pattern Recognition: Proceedings of CIPR 2021 (pp. 607-617). Springer Singapore.
4. Sarangi, P. K., Sahoo, A. K., Nayak, S. R., Agarwal, A., **& Sethy, A.** (2022). Recognition of isolated handwritten Gurumukhi numerals using Hopfield neural network. In Computational Intelligence in Pattern Recognition: Proceedings of CIPR 2021 (pp. 597-605). Springer Singapore.
5. **Sethy, A., Raut, A. K.,** & Nayak, S. R. (2022, January). Face recognition based automated recognition system. In 2022 12th International Conference on Cloud Computing, Data Science & Engineering (Confluence) (pp. 543-547). IEEE.
6. **Rout, A. K., Shety, A.,** & Modekurti, K. (2022, January). Counterfeit Regulation through Machine Learning Approach and Deployment in Dockers. In 2022 12th International Conference on Cloud Computing, Data Science & Engineering (Confluence) (pp. 500-507). IEEE.
7. Stewart Kirubakaran, S., Chigurukota, D., Thirukrishna, J. T., & **Daniya, T.** (2022). Enhancing Accuracy Performance in Novel Drug Delivery System for Composite Microbeads Using Hadoop Ecosystem Over Conventional Drug Delivery Systems. In Innovations in Computer Science and Engineering: Proceedings of the Ninth ICICSE, 2021 (pp. 315-320). Singapore: Springer Singapore.
8. Balaji, R., Deepajothi, S., Prabaharan, G., **Daniya, T.,** Karthikeyan, P., & Velliangiri, S. (2022, April). Survey on intrusions detection system using deep learning in iot environment. In 2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS) (pp. 195-199). IEEE.
9. **Marrapu, H. K.,** Maram, B., & Reddi, P. (2022, March). New Analytic Framework of Public Mental Health Prediction Using Data Science. In 2022 International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN) (pp. 1-6). IEEE.
10. **Anilkumar, C.,** Karrothu, A., & Aishwaryalakshmi, G. (2022, May). Framework for statistical machine recognition and translation of ancient tamil script. In Smart Intelligent Computing and Applications, Volume 2: Proceedings of Fifth International Conference on Smart Computing and Informatics (SCI 2021) (pp. 513-522). Singapore: Springer Nature Singapore.
11. Karrothu, A., **Anilkumar, C.,** & Sathishkumar, V. E. (2022, May). An Escrow-Free and Authenticated Group Key Management in Internet of Things. In Smart Intelligent Computing and Applications, Volume 2: Proceedings of Fifth International Conference on Smart Computing and Informatics (SCI 2021) (pp. 505-512). Singapore: Springer Nature

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12. Ramya, G., Suresh, P., Jayashree, J., Charles, A. A., & **Daniya, T.** (2022, May). Review and Analysis of Techniques to Mitigate Sub Synchronous Resonance using FACTS Devices. In 2022 International Virtual Conference on Power Engineering Computing and Control: Developments in Electric Vehicles and Energy Sector for Sustainable Future (PECCON) (pp. 1-4). IEEE.

International Journals:

1. **Merugula, S.,** & Maram, B. (2021). Detecting Replica threads in online Q/A FORMS. Turkish Online Journal of Qualitative Inquiry, 12(3).
2. **Raut, A. K., & Sethy, A.** (2021). Self-Adaptive Social Spider Algorithm optimization for Solving Travelling Salesman Problem. Turkish Online Journal of Qualitative Inquiry, 12(7).
3. **Sethy, A., & Raut, A. K.** (2020). Employee attrition rate prediction using machine learning approach. Turkish Journal of Physiotherapy and Rehabilitation, 32(3).
4. **Daniya, T.,** Vidyadhari, C., & Aluri, S. (2022). Rice Plant Disease Detection Using Sensing Recognition Strategy Based on Artificial Intelligence. J. Mobile Multimedia, 18(3), 705-722.
5. Sivanantham, V., Sangeetha, V., Alnuaim, A. A., Hatamleh, W. A., **Anilkumar, C.,** Hatamleh, A. A., & Sweidan, D. (2022). Quantile correlative deep feedforward multilayer perceptron for crop yield prediction. Computers & Electrical Engineering, 98, 107696.
6. Zang, J., Gowthami, J., & **Anilkumar, C.** (2022). Adaptive Artificial Intelligent Technique to Improve Acquisition of Knowledge in the Educational Environment. Journal of Interconnection Networks, 22(Supp02), 2143013.
7. **ANILKUMAR, C.,** DEVI, K. D. S., & SETHY, A. DEVELOPMENT OF CONVERSATIONAL ASSISTANT IN EDUCATIONAL SUPPORT SYSTEM USING IBM WATSON.

2020-21:

International Journals:

1. T. Daniya, M.Geetha, K. Suresh Kumar, "**Classification and Regression Trees WithGini Index**", Advances in Mathematics: Scientific Journal, Vol. 9, No .10, pp. 8237– 8247, October 2020.(ISSN: 1857-8365 (printed); 1857-8438 (electronic))(https://doi.org/10.37418/amsj.9.10.53) (Indexed in: Scopus)
2. Yalla Surya Prakash, " **IoT Based Location Survelliance Using Quadrapped Robot",** International Journal of Advanced Science and Technology Vol. 29, No.4, (2020), pp. 4825 – 4831 (Scopus Indexed)
3. Suneetha Merugula and M. V. P. Chandra Sekhara Rao, "**Triplet-Mine-Tree based Approach for Mining High Utility Item Sets from Quantitative**", Jour of Adv Research in Dynamical & Control Systems, In Press, 2020. (ISSN: 1943-023X) (Scopus Indexed)
4. Suneetha Merugula1 and M. V. P. Chandra Sekhara Rao, "**An Integrated Approach for Mining Closed and Generator High Utility Itemsets**", International Journal of Knowledge-based and Intelligent Engineering Systems, Vol. 24, Issue 1, pp. 27-35, 2020. (ISSN: 1327-2314) (Scopus Indexed)
5. Archana U., "**An Approach to Analyze Youtube Data using Hadoop**", International Journal of Advanced Science and Technology, Vol. 29, Issue 6, pp. 4910-4918, 2020. (ISSN: 2207-6360) (Scopus Indexed)
6. Geetha M., Pooja R.C., Swetha J., Nivedha N., Daniya T., "**Implementation of Text Recognition and Text Extraction on Formatted Bills using Deep Learning**", International Journal of Transportation Science and Technology, Article in Press, 2020. (ISSN: 2046-0430) (Scopus Indexed)
7. T. Daniya, M.Geetha, B.Santhosh Kumar, R.Cristin, "**Least Square Estimation of Parameters for Linear Regression**", International Journal of Control and Automation, Vol. 13, No. 2, pp. 447-452, April 2020. (ISSN: 2005-4297). (Indexed in: Scopus).
8. T. Daniya, N.R Gladiss Merlin, R.Cristin, "**Study on Digital Image Forgery Detection**", International Journal of Advanced Science and Technology, Vol. 29, No.3, pp. 2654-2659, April 2020. (ISSN: 2005-4238) (Indexed in: Scopus).
9. Palanikkumar, D., Abhisek Sethy, Kasiprasad Mannepalli, P. John Augustine, Semira Abdela Seyid, and Adem Aman Hassen. "**Managing the Offline Text Recognition Accuracy Using Recurrent Neural Network**." Journal of Contemporary Issues in Business and Government 27, no. 1 (2021): 1979-1985. https://cibg.org.au/article_8440_446460524dc7128565e376c0eaf52f5b.pdf
10. Nagaraju, V., Abhisek Sethy, Raja Sarath Kumar Boddu, S. Balambigai, and K. Sakthisudhan. "**Diagnosed image of breast cancer by antenna MVDR beamforming algorithm with composites**." Materials Today: Proceedings (2021). https://www.sciencedirect.com/science/article/pii/S2214785321020356?via%3Dihub

Books / Book Chapter

1. Abhisek Sethy, Prashanta Kumar Patra, "**A Deep Convolutional Neural Network Based Approach for Handwritten Recognition System**", Accepted in Springer edited book titled, "Impact of Recent Trends: Applications and Design Solutions in Imaging Science" October 2020.
2. A. Sethy, P. K. Patra, & S. R. Nayak, "**Offline Handwritten Numeral Recognition using Convolution Neural Network**", Accepted in Machine Vision Inspection Systems: Image Processing, Concepts, Methodologies and Applications, Wiley

2019-20:

National Conferences:
----------NIL----------
National Journals:
----------NIL----------
2019-20:
International Conference:

1. A.Sethy, & P.K Patra , "**Discrete Cosine Transformation Based Approach for Offline Handwritten Character and Numeral Recognition"**, presented at International Conference on Mathematical Sciences (ICMS 2020) during 4th - 6th March 2020. (Indexed in: Scopus).
2. Abhisek Sethy, Prashanta Kumar Patra, Rudra Kalyan Nayak, Deepak Sahoo, **"Transform Based Approach for Handwritten Character and Numeral Recognition: A Comprehensive Approach"**, International Conference on Artificial Intelligence in Manufacturing & Renewable Energy (ICAIMRE-2019), Accepted & Presented .
3. Satish Muppidi, P. Srinivasa Rao, M. Rama Krishna Murthy**, "Identification of Natural Disaster Affected Area Using Twitter",** In: Satapathy S., Raju K., Shyamala K., Krishna D., Favorskaya M. (eds) Advances in Decision Sciences, Image Processing, Security and Computer Vision, ICETE 2019, Learning and Analytics in Intelligent Systems, Vol. 3. Springer, Cham, pp. 792–80, September 2019. (Print ISBN 978-3-030-24321-0)

International Journals:

1. Ajit Kumar Rout, Satish Muppidi, **"Adoptive Trend Following Strategy in Financial Time Serise with Multi-Objective Function",** International Journal of Science & Technology Research (IJSTR), Vol. 8, Issue 12, pp. 3746-3755, December 2019, ISSN No.2277- 8616 (Indexed in: Scopus) Impact factor 5.54.
2. Ajit Kumar Rout, Dwiti Krishna Bebertha, **"Credit Card Fraud Detection: Advanced Real- time Application of Deep Sequential Models",** International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. No. 8, Issue No. 12, pp.1714-1718, October 2019, ISSN No.2278-3075 (Indexed in: Scopus) Impact factor 5.54
3. Anupama Angadi, Satish Muppidi, Satya Keerthi Gorripati, **"Deep LSTM for Emoji Twitter Sentiment Exploration via Distributed Embeddings",** International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Issue 11, pp. 1714-1718, September 2019. (ISSN No.2278-3075; Impact factor 5.54**)** (Indexed in: Scopus)
4. P.Vasudha Rani, K.Sandhya Rani, "**Prediction of Active Users and Location Surveillance to Study Diabetes Disease Dynamics**", International Journal of Engineering and Advanced Technology (IJEAT), Vol. 8, Issue 2S2, Jan 2019. (ISSN: 2249-8985 Online) (Indexed In: Scopus)
5. P.Vasudha Rani, K.Sandhya Rani, "**Diabetes Treatment Pattern Identification through Layered Tri-Skip-Gram Approach**", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Issue 6S3, April 2019. (ISSN: 2278-3075 Online) (Indexed In: Scopus)
6. M.Jyothi, "**PSV-GWO Particle Swarm Velocity aided GWO for Privacy Preservation of Data**", Journal of Cyber Security and Mobility (JCSM), Vol. 8, Issue

4, pp. 439-466, june 2019.(Indexed In: Scopus).

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1. S. Merugala, A. Chakka, & S. Muppadi , "**Smart Health Monitoring System Using MIT App Inventor 2**", Advances in Intelligent Systems and Computing 1076, https://doi.org/10.1007/978-981-15-0947-6_24. (Indexed in: Scopus).

2018-19:

National Conference:

1. A.V.Ramana, K.N.E. Sai Lalith, "**A Review on security Challenges in Vehicular Internet**", International Journal of Academic Engineering Research, RTGR-2018 Conference, GMR Institute of Technology, August 2018.

2018-19 :

National Journal:

----------NIL----------

2018-19 :

International Conference:

1. Satish Muppidi, "**Identification of natural disaster affected area using twitter**",National Conference on Cyber Security, Image Processing, Graphics, Mobility & Analytics, CMR Technical Campus, Kandlakoya, Medchar, Hyderabad - 501401, During 24th-25th January 2019.
2. Pendela Kanchanamala, "**A review of machine learning models for predicting autism spectrum disorder**",International Conference on cognitive science and artificial intellegence, Andhra University, Institute of Bioinformatics and computational biology, visakhapatnam, During 28th-29th December 2018.
3. Ajit Kumar Rout, "**Verification of Zener Voltage Regulation Phenomenon using Remote Engineering**", International Conference on Remote Engineering and Virtual Instrumentation, B.M.S. College of Engineering, Bengaluru, During 3rd-6th February 2019
4. V.Vausudha Rani, "**Diabetes Treatment pattern Identification through Layered Trigram Approach**", National Conference on Developments in Information and communication technology for Emerging Regions, Sri Padmavati Mahila Visvavidyalayam, Tirupati-517502, during 28th-29th January 2019.
5. V.Vausudha Rani, "**Identification of Negative Ontologies of Prediabetes using SVM**", Innational Conference on Computing, Communications and Data Engineering, Sri Padmavati Mahila Visvavidyalayam, Tirupati-517502, during 28th- 29th January 2019.
6. Anupama Angadi, Valli Kumari Vatsavayi and Saya Keerthi Gorripati, "**A Deep Learning Approach to Recognize Handwritten Telugu Character using Convolutional Neural Networks**", Internal Conference on Computers & Management, G.B.PANT Govt. Engineering College, Delhi, 22-23rd December 2018. (Indexed in: Scopus)
7. Gorripati Satya Keerthi, Anupama Angadi, "**Visual Based Fashion Clothes recommendation with Convolutional Neural Networks**", Internal Conference on Computers & Management, G.B.PANT Govt. Engineering College, Delhi, 22- 23rd December 2018. (Indexed in: Scopus)
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9. Rani, V. Vasudha and K., Sandhya Rani, "**Efficient Tool for Diabetes Tracking**

through Layered Bigram Approach", 2018 IADS International Conference on Computing, Communications & Data Engineering, during 7th February, 2018

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2. Satish Muppidi," **A Comprehensive Study on Machine Learning Approaches with Big Data**", International Journal of Academic Engineering Research , Vol. 3 ,no. 1, January- 2019 , pages 23-27 (ISSN:2000-001X).
3. M.Jyothi and M.V.P.Chandra Sekar Rao, "**Privacy Preservation of Data usingCrow Search with Adaptive Awareness Probability**", Journal of InformationSecurity and Applications , Vol. 44, pp. 157-169, February 2019. https://doi.org/10.1016/j.jisa.2018.12.005 (Indexed in: Scopus).
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6. V.Vasudha Rani, "**Analyzing the Popularity of a City (Hyd) through Twitter Data**", International Journal of Computer Trends and Technology (IJCTT), Vol. 60, Issue 1, June, 2018.
7. M.Suneetha, "**Comprehensive Study on High Utility Itemsets Mining with Various Approaches and its Applications**", International Journal of Pure and Applied Mathematics, Vol. 119, Issue 15, pp. 7-17, July 2018. (Scopus Indexed)
8. V.Vasudha Rani and K.Sandhya Rani, "**Location Based Disease's Analysis through Twitter Data",** International Journal of Pure and Applied Mathematics", Vol. 119, No.15, pp. 19-26, 2018.
9. Ch.Chakradhara Rao, A.V.Ramana and B.Sowmya, "**Detection of Phishing Websites using Hybrid Model"**, International Journal for Research & Development in Technology, Vol. 9, Issue 4, June 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 :
International Journals:

1. M.Satish, "**Challenges in Citation Analysis**" International Journal of pure andApplied Mathematics, Vol. 118, Issue 7, pp. xx, February 2018. (SCOPUS Indexed)
2. Satya Keerthi Gorripati and Valli Kumari Vatsavayi, "**A Trusted-Community Based Framework for Collaborative Filtering Recommender Systems**", Journal of Engineering and Applied Sciences, Vol. 12 Issue 22, pp. 6095-6103, December 2017.
3. M.Satish, "**Efficient Frequent Pattern Mining using Particle Swarm Optimization**", An International Journal of Applied Engineering Research Vol. 12, No. 16, pp. 5520-5524, September 2017. (ISSN 0973-4562).
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5. Satya Keerthi Gorripati and Valli Kumari Vatsavayi, "**Community-Based Collaborative Filtering to Alleviate the Cold-Start and Sparsity Problems**", International Journal of Applied Engineering Research, Vol. No.12, Issue No.15, pp 5022-5030, August 2017. (Indexed in: Scopus) (ISSN No.: 0973-4562)
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National Conference:

1. M.Satish and B.Aditya, "**Big Data Management and Processing Using Hadoop**", National Conference on Computation and Communication, Sri Sivani College of Engineering, Srikakulam, 23rd and 24th December 2016. (Submitted in April 2017)

2016-17 :

National Journal:

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2016-17 :

International Conference:

1. V.VasudhaRani, "**Use of Twitter in Health Data Analysis**", International Conference on Innovative Applications in Engineering and Information Technology IAEIT- 2017, Organized by the Dept. of Computer Science, Sri Padmavati Mahila Visvavidyalayam, Tirupati during 1st and 2nd Feb 2017.
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3. V.Vasudha Rani**,** " **Twitter Streaming and Analysis through R**", Indian Journal of Science and Technology, Vol 9, Issue 45, DOI: 10.17485, December 2016. (Indexed in: Scopus)
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5. G.Satya Keerthi, "**E-Mail Classification to Filter Spam Using R",** International Journal of Engineering Technology and Management (IJETM), Vol. 3, Issue 6, pp: 01 to 04, November: 2016 (indexed: Google scholar)ISSN: 2394-6881
6. Ch R.Vinod Kumar**,** "**Analyze Online Social Network Data for Extracting and Mining Social Networks**", International Journal of Emerging Technologies in Engineering Research (IJETER), Vol. 4, Issue 10, October 2016. (ISSN: 2454-6410)
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9. V.Vasudha Rani, **"Clustering With Multi View Point Based Similarity Measure",** International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE), Vol. 6, February, 2016.
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2015-16 :

2015-16

National Conferences:

1. M.Jyothi, "**Study of Cryptographic Techniques for Privacy preserving Data mining**", National conference on Recent Trends in Data Mining and Ware Housing, Sponsored by DST, Govt of India, Organized by AITAM, Tekkali, held on 24th and 25th November 2015.

2015-16

National Journals:

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2015-16

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1. P.Kanchana Mala**,** "**SIPAI- an Integrated Learning model for Engineering Education**", IEEE Advanced Computing Conference (IACC 2016), Organized by SRKR Engineering College, Bhimavaram, Andhra Pradesh, 27th -28th February, 2016.
2. P.Kanchana Mala, **"Computational Intelligence and Soft Computing (ICCISC-2015)",** organized by Institute of Bioinformatics and Computational Biology (IBCB), Visakhapatnam, 19th -20th December 2015
3. Ajit Kumar Rout, "**A Low Complexity Evolutionary Computationally Efficient Recurrent Functional Link Neural Network for Time Series Forecasting**", IEEE Power, Communication and Information Technology Conference (PCITC-2015),

organized by Siksha 'O' Anusandhan University, Bhubaneswar, during 15th -17th October, 2015.

4. A.Anupama, "**Tracking Evolutions of communities in Dynamic Networks**", International Conference on Innovations in Computer Science & Information Technology (ICICSIT 2015), Organized by MGIT, Hyderabad, 28th & 29th August, 2015.

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9. G.Satyakeerthi, "**A Study on Static Community Detection Algorithms**", International Journal of Research Engineering Technologies (IJSRET). Vol. 4, Issue 7, August 2015.
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1. G Satya Keerthi, "**Visualization tools to analyze Social Networks"**, National Conference on Computer Networks & Information Security (NCCNIS 2015), Proceedings of the conference, pp.117-121, Vasavi College of Engineering, Hyderabad, March 2015.
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4. Mr.Ajit Kumar Rout "Dynamic Recurrent FLANN Based Adaptive Model for Forecasting of Stock Indices" Emerging ICT for Bridging the Future - Proceedings of the 49th Annual Convention of the Computer Society of India CSI Volume 2 ,Dec2014.
5. Mr.Ajit Kumar Rout "Mining of Time series Data Using Low Complexity Evolutionary Neural Networks" "National Conference on Sustainable Energy , Micro & smart Grid Technologies (NCSEMSG-2nd -3rd January 2015.
6. Mrs.V.Vasudha Rani, Mr.A.V.Ramana "Secure and Efficient Data Transmission through Self Generated Key using ASCII Codes", "National Conference on "Current Trends in Computing Control and Communication Systems" (CTCCCS-2015),9th-10th January 2015.
7. Mrs.A.Anupama , "Reveal Information from OSNs using webcrawler for analysis ready ","National Conference on "Current Trends in Computing Control and Communication Systems" (CTCCCS-2015),9th-10th January 2015.

2014-15

National Journals:
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2014-15
International Conference:

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2014-15

International Journals:

1. P.Srihari**, ''Big data Visualization : Turning Big Data into Big Perceptions'',** International Journal of Data Warehousing & Mining, Vol 5, Issue 1, pp 33-34, Feb 2015.
2. M.Jyothi**,** M Suneetha**, "Review of Privacy Preserving Data Mining Techniques"**, Engineering and Scientific International Journal, Volume 2, Issue 1, March 2015.
3. Mr.M.Satish ," "**Document clustering with Map Reduce using Hadoop Framework**" ,"International Journal on Recent and Innovation Trends in Computing and Communication" ISSN :2321-8169,volume 3 issue 1.
4. Mrs.Geeta RB ," ," "**Web Pages Categorization based on classification & outlier Analysis through FSVM**", Review of Computer Engineering Research" 2014 I(I) :19 -30.
5. G.Swain , "**A Novel Steganography technique by mapping words with LSB Array**", "International Journal of Signal and Imaging Systems Engineering" , Vol 8 ,Nos ½ ,Feb2015, Inderscience enterprise Ltd.
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8. Mrs.R.B.Geeta ," **SMART BEHAVIORAL DRIVEN POWER STASHER**" Global Journal of Advanced Engineering Technologies , Vol3, Issue3-2014 ISSN: 2277-6370.
9. Mr.P.Srihari , '' **A Multi-Stage Cryptographic Approach Using Mod-Encoder Algorithm** '',International Journal of Scientific Research in Computer Science Applications and Management Studies , Volume 3 ,Issue 4 ,ISSN 2319 -1953**.**
10. Mr.G.Swain , ""**Digital image steganography using nine-pixel differencing and modified LSB substitution**", Indian Journal of Science and Technology, Vol.7, No.9, pp.1448-1454, 2014, ISSN print:0974-6846, ISSN online: 0974-5645, October 2014 , Indexed in: scopus, ISI.
11. Mr.Ch.R.Vinod kumar ," **Impacts of Cloud Computing on E-Commerce Business and Industry**" International Journal of Advanced Research in Computer Science and Software engineering ,Volume 3,Issue 9 ,Issue 2277 128X ,Sept 2013.
12. Mrs.R.B.Geeta ,"**WEB PATTERNS PREDICTOR**", "Asian Academic Research Journal OF Multidisciplinary" Sept 2014.
13. Mrs.Suneetha Merugula, Mrs. Jyothi Mandala ," **Mining patterns in XML Datausing X-Query and Vertical Data Regular Patter Method**", International Journal of Advanced research in Computer Science & Technology (IJARCST 2014) Vol 2, Issue 4,ISSN:2347-8446, Dec 2014.
14. Mrs.V.Vasudha Rani, '' **Survey on Methodology & Examples of Mapper/Reducer/Combiner for Big data ''** International Journal, European Journal for Academic Essays (EJAE) , Volume 1 Issue5 Page 1-4 , May 2014.

2013-14

National Conference:

1. Mr.A. V. Ramana, '**Congestion Contrôl for Mobile Ad-hoc Networks**', National Conference on Advances in Radar, Communications and Network Enabled Technologies(ARCNET-2013), IETE, Visakhapatnam, Sept., 06-07, 2013.
2. Mr.Sridhar Nerella , '**A Stylometric Investigation Joal for Authoship Attribution in E-Mail Forensics** ', 48th Annual Convention Computer Society of India ,13th-15th Dec 2013 Hosted by Computer Society of India .Springer – Vol 248,ISBN :978-3-319-03107-1/Vol 249, ISBN : 978-3-319-03095-1.

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National Journals:

1. Mr.N.Sridhar, "**Inverted Pyramid Approach for E-Mail Forensics Using Heterogeneous Forensics Tools**", CSI Communications, July 2013.
2. Mrs.Suneetha Merugula and Rachita Sony Krotha, '**Mining Frequent Patterns Based on Agglomerative Clustering and Apriori Algorithm'**, 'Journal of Environmental Science ,Computer Science and Engineering & Technology ' Vol.2.No4.1230-2235, E-ISSN : 2278-179X.

2013-14
International Conference:
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2013-14
International Journals:

1. Mr.M. Balaji, **'A Survey on Rural Broadband Wireless Access Using Cognitive Radio Technology: IEEE 802.22 Wireless Regional Area Networks',** Universal Journal of Communications and Network, vol. 1 :27-31,2013.
2. Mr.K.Lakshmana Rao, **'Survey on different issues of Sensor Cloud '** Vol 2(10) ,2013 ,ISSN 2278-0181, IJERT 2013.
3. Mr.K.Lakshmana Rao, **'Survey on simulation tools for wireless networks '** Vol 2(10) ,2013 ,ISSN 2278-0181, IJERT 2013.
4. Mrs.K.Jayasri , **'Software Safety Metrics for Safety-Critical Computer systems',** JNIS-Journal of Network and Information Security .
5. Mr.Ch.R.Vinod Kumar,**'Femtocell Technology Implementation' ,** International Journal of Engineering Research &Technology ,ISSN :2278-0181, Vol.2 Issue 10,October-2013.
6. Mr.N.Sridhar , **Combating Against Anti Forensics Aligned with E-mail Forensics'** International Journal of Computer Applications ''(0975 – 8887)Volume 79 – No 15, October 2013.
7. Mrs.Srilakshmi Inuganti ,Veerraju Gampala ,**'Image Compression using Constrained Non-Negative Matrix Factorization**', 'International Journal of Advanced Research in Computer Science and Software Engineering Volume 3 , Issue 10, ISSN : 2277 128X.
8. Mrs.Jyothi Mandala, Srividya Kotagiri and Kavitha Kapala ,**'Watermarking Scheme for Color Images**', International Journal of Emerging Trends & Technology in Computer Science Volume 2, Issue 5, September – October 2013 ISSN 2278-6856.
9. Mrs.Rachita Sony Krotha and Satish Muppidi ,**'Performance evaluation of K-Means Algorithm and Enhanced Mid-point based K-Means Algorithm on**

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10. Mr.Sridhar Neralla, **A Novel Graph Model for E-Mail Forensics:Evidence Activity Analysis Graph**, International Journal of Engineering Science and Technology (IJEST), Vol 5 No.10, Oct 2013, Page 1750-1756.
11. Mr.Venkata Ramana Attada, **Performance evaluation of DSR and LAR Routing Protocols with MCA Layer in MANET'S**, International Journal of Computer Science and Mobile Computing, Vol 2 Issue 11, Nov 2013 ,pg 277-284.
12. Mr. Attada Venkata Ramana, **'Impact of MAC Layer on AODV and LARRouting Protocols in MANETs'** , International Journal of Computer Applications (0975-8887),Volume 84-No 4,December 2013.
13. Mr. Attada Venkata Ramana, '**Investigation the Impact of 802.11 and CSMA ON AODV and DSR Routing Protocols in MANETs Using GloMoSim'** , International Journal of Computer Science and Technology, Vol 4,Issue 4 ,ISSN :0976-8491| ISSN :2229-4333.
14. Mr.G.Swain, "**Steganography in Digital Images Using Maximum Difference of Neighboring Pixel values**" International Journal of Security and Its Applications, Vol.7, No.6, pp.285-294, 2013, ISSN: 1738-9976.
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16. 'Mrs.A.Anupama , **'Using Queuing theory the performance measures of cloud with infinite servers'**, International Journal of Computer Science & Engineering Technology(IJCSET).
17. Mr.M.balajee , '**A Cognitive Cryptographic Approach Using DRDP Method '** ,European Journal of Academic Essays 1(1) :11-16,2014 .
18. Mr.M.balajee , ''**Enormous Symmetric Cryptography Algorithm Using Image and Double Reflecting Data Perturbation Method** , European Journal of Academic Essays 1(2) :56-60,2014.
19. Mrs.P.Kanchana Mala , **"Inferences from the adme analysis of predicted inhibitors to dppiv",**International Journal of Bioassays, vol3(3), 1869-1872, ISSN:2278-778X, March,2014.
20. Mr.Gandharba Swain, **''Classification of image Steganography Techniques in Spatial Domain : A Study** '',International Journal of Computer Science & Engineering Technology(IJCSET),vol.5 ,No.3 ,pp 219-232.
21. Mrs.V.Vasudha Rani, **''Survey on Méthodology & Examples of Mapper/Reducer/Combiner for Big Data ''** International Journal, European Journal for Academic Essays (EJAE) , Volume 1 Issue5 Page 1-4.
22. Mr.Ch.R.Vinod Kumar ," **Impacts of Cloud Computing on E-Commerce Business and Industry**" International Journal of Advanced Research in Computer Science and Software engineering ,Volume 3,Issue 9 ,Issue 2277 128X.

2012-2013

National Conference:

1. K. Jayasri,"**Safety critical Computer System**", Artificial Intelligence ,Robotics ,Embedded Systems (AIRES-2012), AUCE, Visakhapatnam 29th -30th June 2012.
2. Veerraju. G, Satish. M ,"**Route Optimization of IPV6",''**Recent Trends in Information Technology (NCRTIT-2k13)", prasad V. Polturu Siddhartha Institute of Technology, Kanuru**,** 22nd Feb,2013.
3. A. Anupama, "**A Perspective Study on Machine Learning Algorithms in Outlier Detection**", National Conference on Emerging Trends in Information Technology(NCETIT-2013),GITAM University, March 29-30,2013.

2012-2013
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1. G. Swain , "**Variable Rate Steganography in Digital Image using 2,3 & 4 Neighbor Pixels**", National Journal of IJCSE, Volume 3, No.3, pages 457 – 460, June 2012.

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1. G. Veerraju, "**Intrusion Detection using pipelining of layers with conditional random theories**" ,Advances in Computer Science and Engineering (ICACSE-2013), Lords Institute of Engineering and Technology ,Hyderabad, Jan 07-08, 2013.
2. K. Jayasri, "**Metrics for assessing safety risks of software throughput the S/W development Life cycle**", International Conference on Advanced Research and Technology,(IEEE ICARET -2013) , K L University ,Guntur on 8-9 Feb2013.
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5. R. B. Geetha," **Web Page Grader of the Website**" International journal of Emerging Technology and Advanced Engineering (IJETAE), volume 3, special issue 2, Jan2013.
6. R. B. Geetha," **Literature Survey on Web Mining**", IOSR Journal of Computer Engineering, ISSN: 2278-0661, ISBN 2278-8727 Volume5, Issue 4, PP 31-36.
7. M. Balajee, K. Lakshmana Rao, "Encryption and Decryption Algorithm using 2-D Matrices", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 3, Issue 4, April 2013.
8. G. Swain, "**Steganography using 2,3 and 4 sided side match methods**", Springer, Volume 1, Issue 2, PP 127-133,June 2013.

2011-2012
National Conference:

1. M. Satish**, "Cloud Computing: Issues in Security**", National Conference on Recent Trends in Information Technology(NCRTIT-2k12), P. V. Siddhartha Institute of Technology, Vijayawada,9th March2012.
2. A. V. Ramana, "**Comparative Study of Reactive Routing Protocol for MANETS under Different Traffic models in the context of 2 ray and free space Propagation Models**", National Conference on Advances in Communication Navigation and computer Networks (ACNCN-2012), Andhra University, Visakhapatnam ,17th-18th March2012.

2011-2012
National Journals:
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2011-2012
International Conference:

1. I. Srilakshmi, "**Improving Efficiency of e-mail spam Filter using user Feedback"**, Swarm Evolutionary and Memetic Computing(SEMCO) Fuzzy and Neural Computing Conference(FANCCO-2011), ANITS, Visakhapatnam,19th-21st Dec2011.
2. M. Balaji, "**Data Security for Virtual Data centers by Commutative Key"**, International Conference on Information systems Design and Intelligent applications (ICISDIA-2012), INDIA-2012, Vizag,5th -7th Jan2012.
3. M. Jyothi, K. Jayasri and A.V.Ramana," **Improving the Efficiency of Software Development with Agile Methodology**", International Conference on Recent Advances in Computer Sciences (ICRACS-2k12), GIET, Kakinada, 30th -31st March2012.
4. Geeta R.B, "**Topological Frequency Utility Mining Model**", International Conference on Soft Computing for Problem Solving (ICSCPS-2011), IIT Roorkee Local Centre, 20th -22nd December 2011.
5. Geeta R.B, "**Mining Association Rules Using Hash-Index Technique**", International Conference on Digital Image Processing and Pattern Recognition (ICDPPR-2011)**,** Manonmaniam Sundaranar University, Tirunelveli, 23rd -25th September 2011.
6. Geeta R.B, "**Application of Web Usage and Web structure Mining to enhance retention of customers**", International Conference on Nanoscience, Engineering & Advanced Computing (ICNEAC-2011), Seetharampuram, Narsapur,8th-10th july2011.

2011-2012
International Journals:

1. M. Balaji, "**IPVDD: Intrusion Prevention for Virtual Data centers (A frame work for encryption and Decryption**)", International Journal of Computer Science and Telecommunications (IJCST), volume 2, Issue 4 ,Dec 2011.
2. N.Sridhar, "**Plethora of Cyber Forensics"**, International Journal of Advanced Computer Science and Applications (IJACSA-2011), volume 2,Issue 11,2011.
3. Geeta R.B, "**A Novel approach for Web Page Set Mining**", International Journal of Web and Semantic Technology, Vol.2, No.4, October 2011.
4. G. Swain, "**LSB Array Based Image Steganography Technique by Exploring the Four Least Significant Bits"**, Springer, (Obcom-2011), pp479-488, VIT University, Vellore.
5. G. Swain, "**A Better RGB Based Image Steganography Technique"**, Springer (Obcom-2011), pp 472-478, VIT University, Vellore**.**
6. G. Swain, **" Application of A Large key cipher in Image steganography by exploring the Darkest and Brightest Pixels"** ,International Journal of Computer Science and communication ,Volume 3, No.1, January-June 2012 pages 49 - 53.
7. G.Swain, **"A Quick Review on Network Security and Steganography "** , International Journal of Electronics and Computer Science,Volume 1, No.2, January-June 2012 pages 426 -435.
8. G.Swain ,**" A Technique for Secret Communication Using a New Block Cipher with Dynamic Steganography "**, International Journal of Security and Its Applications ,Volume 6, No.2, April 2012 .
9. G.Swain ,**" A Novel Approach to RGB Channel Based Image Steganography Technique "**, International Arab Journal of e-Technology,Volume 2, No.4, June 2012 .
10. M. Satish ,"**Optimistic way of Accessing open Storage using Collaborative Approach**", International Journal of Electronics and Computer Science Engineering, Volume 1, No.2, June 2012 pages 502 -507.
11. Geeta R B,**" Batch incremental processing for FP-tree construction using FP-Growth algorithm"**,International Journal Springer, June 2012 .

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1. G.Swain , **"A Technique for Confidential Communication Using AES Algorithm and a New Way of Steganography"**, International Conference on Advances and Emerging Trends in Computing technologies"(ICACET-2010),ANITS, Visakhaptnam,21st -24th June 2010.
2. P.N.Singh, "**Better Alternative Run-Time Polymorphic Behavior of C++ - A Practical Approach for Object Oriented**,Emerging Recent Trends in Security and Privacy (ERTSP-2010), VIIT-Duvvada, Visakhaptnam ,19th -20th Nov2010.

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1. G. Swain, "**Better Steganography using the Six Square Cipher Algorithm"**, International Conference on advances and Emerging Trends in Computing Technologies (ICAET-2010),SRM University,Chennai,21st -24th June2010.
2. P.N.Singh, "**Measuring Productivity of Green Future Data Centers by Algorithmic Analysis"**, International Conference on advances and Emerging Trends in Computing Technologies (ICAET-2010),SRM University,Chennai,21st -24th June2010.
3. A.V.Ramana, "**Performance Evaluation of Reactive Routing Protocols in Mobile Ad hoc Networks"**, International conference on Communication Computation control and NanoTechnology(ICN-2010),REC BHALKI, Karnataka, 29th-30th Oct2010.
4. G.Swain,"**A Hybrid Approach to Steganography Embedding at Darkest and Brightest Pixels"**, International conference on Communication and Computational Intelligence(ICCCI-2010),Kongu Engineering College, Tamilnadu, 27th-29th Dec2010.
5. B.Suresh, "**Management of Data COMAD 2010"**, International conference on Management of Data(COMAD-2010), V N I T, Nagpur,8th-10th Dec2010.
6. P.N.Singh, "**Solution to the wave equation for the Vibration of L-Shaped membrane",** Indian Science Congress Association , SRM University ,3rd-7th Jan2011.
7. P.N.Singh, "**Interesting manipulations of complex Variables"**, Indian Science Congress Association , SRM University ,3rd-7th Jan2011.
8. G.Swain, "**A Robust Image Steganography Technique Using Dynamic Embedding with Two Least Significant Bits"**, International Conference on Control Robotics and Cibernetics(ICCRC-2011), New Delhi,21st -23rd march2011.
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2. Geeta R.B, "**Batch Processing for Incremental FP-tree Construction"**, International Journal of Computer Applications, Vol .5, No.5,Aug2010.
3. B.Kishore, "**IPv6 Address and Quality of Services"**, International Journal of Advanced Research in Computer Science,volume1, No.5 ,Oct2010.
4. B.Kishore, "**Application of International Data Encryption Algorithm in Image Steganography"**, International Journal of Power, Control, Signal and Computation.
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1. B. Kishore , M. Satish , "**An Overview of Data Mining Primitives"**, National Conference on Frontiers of Computer Science and Engineering, SIST, Hyderabad,1st – 2nd July 2009.
2. M. Satish, "**A Sophisticated Two Server Authentication System"**, National Conference on Networking and Data Management Technologies, OU, Hyderabad, 3rd-4th September 2009.
3. G. Veeraju, B.Kishore , M.Satish ,"**Architecture And Services of Grid Computing**" National Conference on Research Trends in Information Technology(CONVERG-2K9), S. R. K. R. Engg. College, Bhimavaram, 9th-10th September 2009.
4. M. Balaji, "**Resource Management in a Distributed Environment Using Mesh Approach",** National Conference on Research Trends in Information Technology(CONVERG-2K9), S. R. K. R. Engg. College, Bhimavaram, 9th-10th September 2009.
5. M. Balaji, "**Information Technology and its Applications"**, National Conference on Information Technology and Its Applications, University of Mysore, Mysore,21st-22nd November 2009.
6. M. Balaji **,** V. Vasudha Rani, **"Increasing Throughput In Clusters By Using BASCH"**, National Conference on Advances in Recent Trends in Computing(ARTCOM-2010), A.D.C.E.T., Ashta, Maharashtra, 15th-16th January 2010.

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1. G. Swain, **Object-Oriented Analysis and Design through Unified Modeling Language**, Book, University Science Press.

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1. B. Kishore, P. N. Singh "**Threats in Linux"**, International Conference, University of Kerala, Thiruvananthapuram, 3-7 January 2010.
2. P.N.Singh, **"Interpolation Search-Faster than Binary Search",** International conference, University of Kerala, Thiruvananthapuram, 3-7 January 2010.
3. P.N.Singh **,"Context Aware Applications",** International conference University of Kerala, Thiruvananthapuram, 3-7 January 2010.
4. P. N. Singh**,** "**Cloud Computing- The biggest thing since the Web",** International conference, University of Kerala, Thiruvananthapuram, 3-7 January 2010.
5. P.N.Singh, **"Ubiquitous Computing – Programming Issues"** , International conference, University of Kerala, Thiruvananthapuram, 3-7 January 2010.
6. M.Balaji, **"Machine Learning and Computing"**,ICMLC-2010, Bangalore, 9th-10th ,2010.

7. Geetha R. B., "**Incremental and Distributed Mining of Large Datasets**", International Conference on Emerging Technologies in Computer Science and Engineering(ICETCSE-10), V.R. Siddhartha Engg. College, Vijayawada, 12-13 February, 2010
8. Geetha. R. B, M. Satish, "**Deadlock Handling Techniques for Homogeneous Distributed DataBases",** International Conference on Computing, Communication and Information Technology(CCITA 2010), VLB Janakiammal College of Engg. & Technology, Coimbatore,21st – 23rd January 2010.

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2. G. Swain, **"Applications of International Data Encryption Algorithm in Image Steganography"**, International Journal of Power, Control, Signal and Computation, Vol.1, March 2010.
3. B. Kishore, "The Efficient Way of Managing Network using Simple Network Management Protocol", International Journal of Recent Trends in Engineering and Technology(IJRTET), Vol.3, No.2, May 2010.

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National Conferences:

1. P. N. Singh, "**Quantum Cryptography",** National Conference on MEMS,NEMS & NANO ENGINEERING, GMRIT, Rajam, 8th - 9th August,2008.
2. P N Singh, "**Single Image System in Middleware Technology",** National conference at GMRIT, Rajam from 02nd to 06th Feb, 2009
3. G.Swain, B Kishore, **"Use of idea Algorithm in stegnography**", National Conference on Cryptography & Network Security, VIT University, Tamilnadu, 18th – 19th , February 2009.

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1. N. Sridhar, "**Information Security",** The Hi-Tech Publishers, Hyderabad, 2008.
2. I. SriLakshmi, "An Efficient Hybrid Sequential E-mail Spam Filter Using Genetic Algorithm", ANU Journal of Engineering & Technology, December 2009.

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1. M. Satish, B Kishore "**The need use and efficiency of mining in spatial databases",** International Conference on Advanced Computing Technologies (ICACT 2008), GRIET, Hyderabad, 26th – 27th December 2008.

2. G. Swain, **"Text in image and image in image stegnography**", International Conference on Emerging Technologies in Computer Science and Engineering, VRSEC, Vijayawada, 29th – 30th December 2008.
3. A. V. Ramana, M. Satish, "**Data Mining Techniques for Security of web Services**", International Conference on Emerging Technologies in Computer Science and Engineering, VRSEC, Vijayawada, 29th – 30th December 2008.
4. P. N. Singh, **"Quantum Cryptography and Photons-Analysis of Next Generation Cryptography"**, International Conference, North Eastern Hill University, Shillong, 3rd - 7th January 2009.
5. Geeta R.B., **"Manager-Members Distributed Software Development Reference Model**", International Advance Computing Conference, Thapar University, Patiala, 6th – 7th , March 2009.
6. Geeta R.B., "**Persistent Web Site Agent**", International Advance Computing Conference, Thapar University, Patiala, 6th – 7th , March 2009.

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1. Geeta R.B, **"Amalgomation of Web Usage Mining and Web Structure Mining**", International Journal of Resent Trends in Engineering, Vol.1, No.2, May2009
2. Geeta R.B, "**Optimizing Users Access to Web Pages**", International Journal, RJooiJA, Vol.8, No.1,2008.

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1. Geeta RB, **"Performance enhancer of the website",** National Conference on Soft Computing and Its Applications, ANITS, Visakhapatnam,21st - 22ndDecember 2007.
2. A V Ramana, "**Data Mining Trends"**, National Conference on Soft Computing and Its Applications, ANITS, Visakhapatnam,21st - 22nd December 2007.
3. G.Swain, "**Optimum Central Frequency of Circular Gabor Filter in texture"**, National Conference on Soft Computing and Its Applications, ANITS, Visakhapatnam,21st - 22nd December 2007.
4. M.Satish **,** B**.** Kishore, **"Applications of Genetic Algorithms**", National Conference on Soft Computing and Its Applications, ANITS, Visakhapatnam,21st - 22nd December 2007.
5. M.Satish, **"data mining analytics for business intelligence and decision support",** National Conference on Soft Computing and Its Applications, ANITS, Visakhapatnam,21st - 22nd December 2007.
6. M.Satish and Mr.N.Sridhar, "**Ontology for better web services",** National Conference on Emerging Trends in Information Technology, PES College of Engg., Aurangabad, 28th - 29th January,2008.

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International Conference:

1. N.Sridhar, "**Designing, ODA for Protein Data Base"**, International Conference on Modeling and Simulation, Coimbatore Institute of Technology, Coimbatore, 27th - 29th August,2007.
2. N.Sridhar, "**BioX Query: Ontological Archetecture for Querying Bio Informatics Data bases**", International Conference on Advances in Computer Vision and Information Technology(ACVIT-07), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, 28th - 30th November 2007.
3. P N Singh, "**Quantum Cryptography"**, International Conference, Andhra University, Visakhapatnam, 3rd - 7th January 2008.
4. Geeta R. B., "**Web Site Redeployment"**, International Conference on Modeling and Simulation, Coimbatore Institute of Technology, Coimbatore, 27th - 29th August,2007.

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