

List of Publications

Department of Computer Science and Engineering
GMR Institute of Technology (Autonomous)

Affiliated to JNTU-K, Kakinada

Rajam, Andhra Pradesh–532127, India

Year	National Conference	National Journal	International Conference	International Journal	Total Publications
2021-22	00	00	07	15	22
2020-21	00	00	02	24	26
2019-20	00	00	09	29	38
2018-19	00	00	05	31	36
2017-18	00	00	05	27	32
2016-17	00	00	02	25	27
2015-16	00	00	06	45	51
2014-15	01	00	12	26	39
2013-14	03	00	13	18	34
2012-13	03	00	05	17	25
2011-12	06	00	28	06	40
2010-11	02	00	08	13	23
2009-10	01	01	11	09	22
2008-09	01	00	10	05	16
2007-08	03	00	04	00	07

2021-22 :

National Conferences :

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National Journals:

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International Conference:

1. Srinivas, T. A. S., Somula, R., **Aravind, K.**, & Manivannan, S. S. **Pattern Prediction Using Binary Trees**. Innovations in Computer Science and Engineering: Proceedings of 8th ICICSE, Lecture Notes in Networks and Systems, Springer, 2021.
2. A. Bhavani, Dr. B. Santhosh Kumar, “**A Review of State Art of Text Classification Algorithms**”, Fifth International Conference on Computing Methodologies and Communication (ICCMC 2021), Surya Engineering College, Erode, India, 08-10, April 2021
3. T. Daniya, S. Aluri, S. Velliangiri and R. Cristin, "Copy-Move Forgery Detection in Videos Using Machine Learning Algorithm," 2nd International Conference on Smart Electronics and Communication (ICOSEC), 07-09 October, Kongunadu College of Engineering and Technology, 2021, pp. 1502-1506
4. K. Praghash, Ch. Vidyadhari, G. NirmalaPriya, Rajan Cristin "Secure information hiding using LSB features in an image, Materials Today: Proceedings, Emerging Trends in Materials Science, Technology and Engineering, Syed Ammal Engineering College, 2021
5. K. Suresh Kumar, Ch. Mohan Kumar, B. Santhosh Kumar, R. Cristin "Highly imperceptible data hiding technique using MSB in the grayscale image", Materials Today: Proceedings, Emerging Trends in Materials Science, Technology and Engineering, Syed Ammal Engineering College, 2021
6. Satish Muppidi, "Ranking Authors in Citation Networks with Automated Keyword Extraction using Word Embeddings", 2021 Innovations in Power and Advanced Computing Technologies (i-PACT), VIT & University of Malaya 27-29, November 2021.
7. Satish Muppidi, Balan Santhosh Kumar, Korada Pavan Kumar, "Sentiment Analysis of Citation Sentences using Machine Learning Techniques", 2021 Innovations in Power and Advanced Computing Technologies (i-PACT), VIT & University of Malaya 27-29, November 2021.

International Journals :

1. Sreenu Ponnada, Nagesh Vadaparathi, **Sreerama Murthy Velaga**, Srinivas Yarramalle, V Sahitya, “A Novel Automated Approach for Brain Tumor Classification using MR Images”, Solid State Technology, Vol. 63 No. 6, pp 5777-5786, 2020. (ISSN 0038-111X) (Indexed in: Scopus, IF:0.1, Q4 <https://solidstatetechnology.us/index.php/JSST/article/view/4147>)
2. Ramachandro Majji, Nalinipriya G, Vidyadhari Ch, Cristin R. “Jaya Ant lion optimization-driven Deep recurrent neural network for cancer classification using gene expression data”, Medical and Biological Engineering & Computation 59, PP1005–1021, 2021 (ISSN: 1741-0444) (Indexed in: SCIE, IF2.602, Q2, [Link: https://link.springer.com/article/10.1007/s11517-021-02350-w#citeas](https://link.springer.com/article/10.1007/s11517-021-02350-w#citeas))
3. **Aditya Kumar Sahu** " A logistic map based blind and fragile watermarking for tamper detection and localization in images", Journal of Ambient Intelligence and Humanized Computing, Springer, 2021, (E-ISSN: 1868-5145) (Indexed in : SCI ,IF7.10, Q1, [Link: https://link.springer.com/article/10.1007/s12652-021-03365-9](https://link.springer.com/article/10.1007/s12652-021-03365-9))
4. Hemalatha Jeyaprakash, Kamatchi Kartheeban, **Aditya Kumar Sahu**, Balasubramanian Chokkalingam “Data Hiding Using PVD and Improving Security Using RSA”, Journal of Applied Security Research, Taylor & Francis, (ISSN: 1936-1610), (Indexed in: Scopus ,IF 0.19, Q3). ([Link: https://www.tandfonline.com/doi/abs/10.1080/19361610.2021.1900692](https://www.tandfonline.com/doi/abs/10.1080/19361610.2021.1900692))

5. V Prasad, D Siva Krishna, "Identification, Retrieval and Validation of Aadhar Data using Behavioral Continuous Authentication of Finger Print", Journal of Chengdu University of Technology (Science and Technology Edition), Volume 6, Issue 08, Pp 1-10, August 2021 (Indexed by SCOPUS, IF:0.27, Q3, https://app.box.com/s/e2m5qrrlpz0pp6aof87_vf3b4_b417y5gn)
6. P G Om Prakash, Dr Balajee Maram, Dr G Nalinipriya, Dr R Cristin, "Harmony Search Hawks Optimization-based Deep Reinforcement Learning for intrusion detection in IoT using non-negative matrix factorization", International Journal of Wavelets, Multiresolution and Information Processing, Vol.19, N0.4, pp. 2050093-1 to 2050093-24, Aug-2021. (Indexed by SCIE with IF:1.408, Q3, <https://www.worldscientific.com/doi/abs/10.1142/S0219691320500939>)
7. Srikanth, Panigrahi. "An efficient approach for clustering and classification for fraud detection using bankruptcy data in IoT environment." International Journal of Information Technology pp 1-7, September 2021 (Indexed by SCOPUS, <https://link.springer.com/article/10.1007/s41870-021-00756-1>)
8. Ramana AV, Rao KL, Rao RS. "Stop-Phish: an intelligent phishing detection method using feature selection ensemble." Social Network Analysis and Mining. 11(1): 1-9, October 2021 (Indexed by SCOPUS, <https://link.springer.com/article/10.1007/s13278-021-00829-w>)
9. Rao, R. S., Umarekar, A., & Pais, A. R. (2021). Application of word embedding and machine learning in detecting phishing websites. Telecommunication Systems, 1-13. (Indexed by SCI, IF :2.314, <https://link.springer.com/article/10.1007/s11235-021-00850-6>)
10. R. Cristin, K. Suresh Kumar and P. Anbhzagan, "Severity Level Classification of Brain Tumor based on MRI Images using Fractional-Chicken Swarm Optimization Algorithm," The Computer Journal, vol. 64, no. 10, pp. 1514-1530, October 2021 (Indexed by SCI, IF:1.494, Q2, <https://academic.oup.com/comjnl/article-abstract/64/10/1514/6287331?redirectedFrom=fulltext>)
11. Dr Ramesh Karnati, Dr Hanumantu Joga Rao, Dr Om Prakash P G, **Dr Balajee Maram**, "Deep computation model to the estimation of Sulphur dioxide for plant health monitoring in IoT", International Journal of Intelligent Systems, Wiley Publications, Online ISSN:1098-111X , pp.1-28, IF 8.7 (indexed by SCIE) <https://onlinelibrary.wiley.com/doi/epdf/10.1002/int.22653>
12. Monalisa Sahu, Neelamadhab Padhi, Sasanko Sekhar Gantayat, " **Multi-directional PVD steganography avoiding PDH and boundary issue**", Journal of King Saud University - Computer and Information Sciences, Available online 28 October 2021 (ISSN: 1319-1578) (Indexed in: SCI, Scopus) (Impact Factor: 13.473) DOI: <https://doi.org/10.1016/j.jksuci.2021.10.007>
13. S. Vimala, N. R. Gladiss Merlin, L. Ramanathan and R. Cristin "Optimal Routing and Deep Regression Neural Network for Rice Leaf Disease Prediction in IoT", International Journal of Computational Methods, Vol. 18, No. 07, 2150014, 2021 (SCI INDEXED) (IF 2.193) (Q2) (<https://www.worldscientific.com/doi/10.1142/S0219876221500146>)
14. Dr Ramesh Karnati, Dr Hanumantu Joga Rao, Dr Om Prakash P G, **Dr Balajee Maram**, "Deep computation model to the estimation of Sulphur dioxide for plant health monitoring in IoT", International Journal of Intelligent Systems, Wiley Publications, Online ISSN:1098-111X , pp.1-28, IF 8.7 (Published in 13th Sep, 2021 which is indexed by SCIE) <https://doi.org/10.1002/int.22653>. (<https://onlinelibrary.wiley.com/doi/epdf/10.1002/int.22653>)
15. Dr R Rajeswari, Dr G Neelima, **Dr Balajee Maram**, Dr Anupama Angadi, "MVPO-Predictor: Deep learning based tumor classification and survival prediction of brain

tumor patients with MRI using Multi Verse Political Optimizer”, International Journal of Pattern Recognition and Artificial Intelligence, ISSN (print): 0218-0014 | ISSN (online): 1793-6381, IF 2.18. Indexed by SCIE

2020-21 :

National Conferences :

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National Journals:

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International Conference:

1. Lakshmanarao Kalabarige, Hima Bindu Maringanti, “A Survey on Identity-Based Security in Wireless Sensor Networks”, Communication Software and Networks. Lecture Notes in Networks and Systems, vol 134. Springer, Singapore. (Indexed in : Scopus) (https://link.springer.com/chapter/10.1007%2F978-981-15-5397-4_50)
2. SatishMuppidi, Thammi Reddy K, “**Influenced Citation Analysis using Modified Word Movers Distance (MWMD)**”, 2020 IEEE India Council International Subsections Conference (INDISCON), Visakhapatnam, India, 2020, IEEE, pp. 303-308, doi: 10.1109/INDISCON50162.2020.00067.

International Journals :

1. K.Srividya, A.Mary Sowjanya,” Aspect based Sentiment Analysis using RNN-LSTM” International Journal of Advanced Science and Technology, Vol. 29, No. 4, (2020), pp. 5875 – 5880(2005-4238) <http://serisc.org/journals/index.php/IJAST/article/view/27164>
2. Dr Balajee Maram, Dr M Prasad, Dr T Ananth Kumar, “Data Privacy Protection in Wireless Sensor Network using Random Slicing Method”, Journal of Critical Reviews, Volume-7, Issue-18, Aug, 2020, ISSN 2394-5125, pp.2823-2827, (Index by SCOPUS) <http://www.jcreview.com/fulltext/197-1596620641.pdf?1596719619>.
3. R. Cristin, P.N Jeipratha , T. Daniya , N. Kanagavalli, “Logistic Regression Model with Gradient Descent Parameter Estimation”, Journal of Critical Reviews, Volume-7, Issue-12, July, 2020, ISSN 2394-5125, pp. 2048-2052, (Index by SCOPUS) <http://www.jcreview.com/fulltext/197-1596620641.pdf?1596719619>
4. S. S. Gantayat, M. Vanitha & Saikumar Tara, “Local and Global Histogram Matching for Enhancing Image Quality using Spatial Representation”, Journal of Critical Reviews (JCR), Vol. 7, Issue-04, pp. 1757-1760, (Access: August 01, 2020), ISSN-2394-5125 (Indexed in: Scopus) (Impact Factor: 0.6). <http://www.jcreview.com/?mno=116644>
5. DivyaBharathi, Gedela Yamini, G Kalyan Chakravarthi, “Long Short term Memory for Forecasting the Stock Market”, IJAST, Vol.29 No.4 , pp 6575-6581, July 2020. (ISSN No.:2005-4238)(Indexed in: Scopus) (Impact Factor: 0.41) <http://serisc.org/journals/index.php/IJAST/article/view/27347>
6. Palakollu Srinivasarao,Manchala Yugandhar "Smart Vehicle Monitoring using IOT",Journal of Critical Reviews,Vol.No 7,Issue No19,pp 5572-5580 Sep2020(ISSN- 2394-5125) (Index by SCOPUS) <http://www.jcreview.com/fulltext/197-1599723136.pdf?1600518081>
7. Ramachandro majji, R. Rajeswari, K. Suresh kumar, R. Cristin, “A Novel Forgery Detection in Face Images using Enhanced Convolutional Neural Network” Advance in Mathematics: Scientific Journal, Vol.:9, No:10, pp: 8303–8311 Sept-2020 ISSN: 1857-8365 (printed); 1857-8438 (electronic) (Indexed

- in: Scopus).(<https://research-publication.com/wp-content/uploads/2020/vol-9-n10/AMSJ-2020-N10-59.pdf>)
8. RouthuSrinivasa Rao, Alwyn R Pais, Pritam Anand, “**A heuristic technique to detect phishing websites using TWSVM classifier**”, Neural Computing and Applications, pp 1-20, September 2020. (ISSN No.:0941-0643) (Indexed in: SCI) (Impact Factor: 4.774) (<https://link.springer.com/article/10.1007/s00521-020-05354-z>)
 9. Santhoshini Sahu, “**Providing Information Security using Honey Encryption**” Advance in Mathematics: Scientific Journal, Vol.:9, No:10, pp: 8249–8258 Sept-2020 ISSN: 1857-8365 (printed); 1857-8438 (electronic) (Indexed in: Scopus).(<https://research-publication.com/wp-content/uploads/2020/vol-9-n10/AMSJ-2020-N10-54.pdf>)
 10. B. Santhosh Kumar, M.P. Geetha, G. Padmapriya and M. Premkumar, “**An Approach for Improving the Labelling in a Text Corpora using Sentiment Analysis**”, Advances in Mathematics: Scientific Journal, Vol.:9, No:10, pp: 8165–8174, Sept-2020 ISSN: 1857-8365 (printed); 1857-8438 (electronic) (Indexed in: Scopus) (<https://research-publication.com/wp-content/uploads/2020/vol-9-n10/AMSJ-2020-N10-46.pdf>)
 11. Veerraju Gampala, Anupriya Koneru, Balajee Maram, “**Enhance the Educational Outcome in Higher Educational Institutes through Deep Neural Network**”, International Journal of Advanced Trends in Computer Science and Engineering, ISSN 2278-3091, Volume 9, No.5, September - October 2020, pp.8315-832 (<http://www.warse.org/IJATCSE/static/pdf/file/ijatcse202952020.pdf>)
 12. Veerraju Gampala, V. Vasudha Rani, P.Baby Maruthi, “**Women Security through Footwear using Internet of Things**”, Solid State Technology Vol. 63 Issue No. 5, pp 355-362, October 2020. (ISSN No.:0038-111X) (Indexed in: Scopus) (<http://solidstatetechnology.us/index.php/JSST/article/view/1491>)
 13. Nagaraju P, Nagamalleswara Rao N, “Data Confidentiality and Security Enhancement for Cloud Storage utilizing OB-MECC Encryption”, International Journal of Emerging Trends in Engineering Research, Vol.8, Issue 10, pp.7501-7509, Oct 2020 (Impact Factor: 3.02) (Indexed in: SCOPUS) (ISSN NO: 2347-3983) (<http://www.warse.org/IJETER/static/pdf/file/ijeter1338102020.pdf>)
 14. Sahu, A. K., & Sahu, M. "Digital image steganography and steganalysis: A journey of the past three decades", Open Computer Science, 10(1), 296-342., Nov 2020, Online ISSN: 2299-1093, (Indexed in: Scopus), Cite Score 2019 :1.4, SJR 2019: 0.183 [Link: https://www.degruyter.com/view/journals/comp/10/1/article-p296.xml](https://www.degruyter.com/view/journals/comp/10/1/article-p296.xml)
 15. A. Bhavani and Dr. Nageswara Rao Moparthi, “**SPEECH RECOGNITION USING THE NN**”, International Journal of Advanced Research in Engineering and Technology (IJARET), Volume 11, Issue 12, December 2020, pp. 2663-2671; ISSN Print: 0976-6480 and ISSN Online: 0976-6499; (Indexed in SCOPUS) Journal Impact Factor (2020):10.9475 Calculated by GIS (www.jifactor.com). http://iaeme.com/MasterAdmi/Journal_uploads/IJARET/VOLUME_11_ISSUE_12/IJARET_11_12_251.pdf
 16. Mariappan Navaneethakrishnan, Subbiah Vairamuthu, Govindaswamy Parthasarathy, Rajan Cristin “**Atom search Jaya- based deep recurrent neural network for liver cancer detection**”, IET Image Processing, Volume 15, Issue 2, pp. 337-349, February 2020, (SCI Indexed). (Impact Factor: 1.995) (<https://ietresearch.onlinelibrary.wiley.com/doi/10.1049/ipr2.12019>)
 17. Monalisa Sahu, Neelamadhab Padhi, Sasanko Sekhar Gantayat, Aditya Kumar Sahu, "Shadow image based reversible data hiding using addition and subtraction logic on the LSB planes", Sensing and Imaging, Vol. 22, Issue.7, Springer Nature, February 2021 (ISSN: 1557-2064) (Indexed in: Scopus and ESCI) (Impact Factor: 0.32) (<https://link.springer.com/article/10.1007/s11220-020-00328-w>)
 18. SatishMuppidi, SatyaKeerthiGorripati, and Kishore B., “**An Approach for Bibliographic Citation Sentiment Analysis Using Deep Learning**”, International Journal of Knowledge-based and Intelligent Engineering Systems, Volume 24, issue 4, PP: 353 – 362, Jan. 2021. (ISSN: No:1327-

- 2314),(Indexed in: Scopus)(<https://content.iospress.com/articles/international-journal-of-knowledge-based-and-intelligent-engineering-systems/kes200087>).
19. Kalabarige, L.R., Rodda, S. and Chilukuri, S. “**On the convergence and optimality of the firefly algorithm for opportunistic spectrum access**”, Int. J. Advanced Intelligence Paradigms, Vol. 18, No. 2, pp.119–133,2020.(Indexed in : Scopus) (<http://www.inderscience.com/offer.php?id=111044>)
 20. K Lakshmanarao and Hima Bindu Maringanti, “**Ibpakde: identity-based pairing free authenticated key and data exchange protocol for wireless sensor networks**”, International Journal of Computational Intelligence Studies, Vol. No.9, Issue No.4, pp 320-335,2020.(Indexe in:Scopus) (<https://www.inderscience.com/info/inarticle.php?artid=111044>)
 21. Nagaraju P, Nagamalleswara Rao N, “**OB-MECC: An Efficient Confidentiality and Security Enhancement for Cloud Storage System**”, Journal of Cyber Security and Mobility, Vol. No.9, Issue No.4, pp 577-600, Feb 2021. (ISSN No.:2245-4578)(Indexed in: Scopus)(ImpactFactor:0.45) https://journals.riverpublishers.com/index.php/JCSAN_DM/article/view/4997/5093
 22. Aditya Kumar Sahu, Gandharba Swain, Monalisa Sahu, J. Hemalatha. **Multi-directional block based PVD and modulus function image steganography to avoid FOBP and IEP**. Journal of Information Security and Applications, 58, 102808, March 2021, Impact factor:2.32, ISSN: 2214-2126, (Indexed in: SCI and Scopus) <https://www.sciencedirect.com/science/article/abs/pii/S221421262100048X>
 23. Ramachandro Majji, Ponnusamy Gnanaprakasam Om Prakash, Rajan Cristin, Govindaswamy Parthasarathy,” Social bat optimisation dependent deep stacked auto-encoder for skin cancer detection”, IET Image Processing, Vol.14 Issue.16, December 2020, ISSN: 1751-9659 (Indexed in: SCI and Scopus)<https://digital-library.theiet.org/content/journals/10.1049/iet-ipr.2020.0318>.
 24. Santhosh Kumar, B., Karthik, S. & Cristin, R. “**Certain Inverstigations on Privacy-Preserving Data Mining Using Three-Dimensional Spin Revolution (3DSR) Scheme.**” J. Inst. Eng. India Ser. B Vol.102, Issue.2, pp 387–402, February 2021. (Indexed in: Scopus) <https://doi.org/10.1007/s40031-021-00545-1>

2019-20 :

National Conferences :

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National Journals:

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International Conference:

1. Sasanko Sekhar Gantayat, L. Swathi, “Study of Algorithms and Methods on Emotion Detection from Facial Expressions - A Review from Past Research”, 6th International Conference on Information System Design and Intelligent Applications (India 2019), Organised by Lendi Institute of Engineering & Technology, Visakhapatnam, Andhra Pradesh, India, 1st & 2nd, November, 2019 (AISC , LNNS, Scopus Indexed).
2. V Prasad, K Jeevan Vamsi " Design and Development of Hindrance application using vocal and quick responsible code for railway" ICMEET 2019, 5th International Conference on Micro Electronics, Electromagnetics and Telecommunications, Raghu Institute of Technology , Visakhapatnam, 6th & 7th, December 2019,1-8 (Publication in Springer LNEE, Scopus Indexed)
3. V Prasad, M Vineeth Kumar "Unique Identification Authority of INDIA BOT: An Intelligent Application" INDIA 2019, 6th International Conference on Information System Design and Intelligent Applications, Lendi Institute of Technology , Visakhapatnam, 1st & 2nd , November 2019,1-8 (Publication in Springer AISC, Scopus Indexed)

4. B. S. Kumar, R. Cristin, K. Karthick and T. Daniya, "**Study of Shadow and Reflection based Image Forgery Detection**," International Conference on Computer Communication and Informatics (ICCCI), Sri Shakthi Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India, January 2019, pp. 1-5. doi: 10.1109/ICCCI.2019.8822057
5. Panigrahi, Srikanth and Saitejaswi, Kolla and Devarapalli, Dharmiah, "**TEJU: Fraud Detection and Improving Classification Performance for Bankruptcy Datasets Using Machine Learning Techniques**", Proceedings of International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM), Amity University Rajasthan, Jaipur – India, February 24, 2019. Available at SSRN: <https://ssrn.com/abstract=3356511> or <http://dx.doi.org/10.2139/ssrn.3356511>
6. Velaga Sreerama Murthy, D. Khader Basha and Panigrahi Srikanth, "**KBSS: An Efficient Approach of Extracting Text Contents from Lecture Videos- Computational Intelligence Techniques**", International Conference on Artificial Intelligence and Machine Learning, organized by Satyabhama Institute of Science and Technology, 4-5 April, 2019.
7. B. Santhosh Kumar, T. Daniya, N. Sathya and R. Cristin, "Investigation on Privacy Preserving using K-Anonymity Techniques", 2020 International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, India, 2020, pp. 1-7, doi: 10.1109/ICCCI48352.2020.9104109. (Indexed in: Scopus and IEEE-Xplore)
8. B. Santhosh Kumar, and S. P. Reddy Karri "Deep Learning Techniques for Implementation of Chatbots," 2020 International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, India, 2020, pp. 1-5, doi: 10.1109/ICCCI48352.2020.9104143. (Indexed in: Scopus and IEEE-Xplore)
9. V. Vasudha Rani, Dr. K. Sandhya Rani, "**Identification of Ontologies of Prediabetes Using SVM Sentiment Analysis**", Springer Link, Emerging Research in Data Engineering Systems and Computer Communications, part of Advances in Intelligent Systems and Computing book series (AISC) Vol. 1054, Issue No.x, pp 535-550, Feb 2020. (Online ISBN 978-981-15-0135-7) (Indexed in: Scopus)

International Journal :

1. Kotagiri. Srividya, A. Mary Sowjanya, "**Aspect Based Sentiment Analysis using POS Tagging and TFIDF**", International Journal of Engineering and Advanced Technology (IJEAT), Vol. No. 8, Issue No. 6, Pp. 1960 - 1963, August 2019, ISSN: 2249-8958 (Indexed in: Scopus)
2. Venkataramana Atta, Somesh Katta, "**A Methodology for automatic detection and classification of Pests using optimize SVM in Greenhouse Crops**", International Journal of Engineering and Advanced Technology (IJEAT), Vol. No. 8, Issue No. 6, Pp. 1485 - 1491, August 2019, ISSN: 2249-8958 (Indexed in: Scopus)
3. Priya Vijayanthi R, Raja Murugadoss J, "**Effectiveness of Curriculum Design in the Context of Outcome Based Education (OBE)**", International Journal of Engineering and Advanced Technology (IJEAT), Vol. No. 8, Issue No. 6, Pp. 648 - 651, August 2019, ISSN: 2249-8958 (Indexed in: Scopus)
4. Divya Bharathi, "**Recommendation System for Video Streaming Websites Based on User Feedback**", International Journal of Engineering and Advanced Technology (IJEAT), Vol. No. 8, Issue No. 6, Pp. 1317 - 1320, August 2019, ISSN: 2249-8958 (Indexed in: Scopus)
5. J. Ajayan, D. Nirmal, P. Mohankumar, Dheena Kuriyan, A.S. Augustine Fletcher, L. Arivazhagan, B. Santhosh Kumar, "**GaAs metamorphic high electron mobility transistors for future deep space-biomedical-military and communication system applications: A review**", Microelectronics Journal,

Vol. No. 92, 2019, 104604, ISSN 0026-2692, <https://doi.org/10.1016/j.mejo.2019.104604>. (Indexed in: SCI)

6. Aditya Kumar Sahu, Gandharba Swain, “**Dual Stego-imaging Based Reversible Data Hiding Using Improved LSB Matching**”, International Journal of Intelligent Engineering and Systems, Vol. No. 12, Issue No. 5, Pp.63-73, August 2019 (Indexed in: Scopus)
7. Balajee Maram, Guru Kesava Dasu Gopisetty, P Srinivasa Rao, “**A Framework Work for Data Security using Cryptography and Image Steganography**”, International Journal of Innovative Technology and Exploring Engineering’, ISSN:2278-3075 (Online), Vol. No. 8 Issue No. 11, Pp.1066-1070, September 2019, (Indexed by: SCOPUS)
8. Aditya Kumar Sahu, Gandharba Swain. “**High Fidelity based Reversible Data Hiding using Modified LSB Matching and Pixel Difference**”, Journal of King Saud University-Computer and Information Sciences, Elsevier, (Indexed in: Scopus, ESCI) DOI: <https://doi.org/10.1016/j.jksuci.2019.07.004>.
9. Lakshmidhevi N, M. Vamsikrishna, S. S. Nayak ,"**Classification of Sentiments on online products using Deep Learning Model – RNN**" International Journal of Engineering and Advanced Technology (IJEAT) , Volume-9 Issue-1, October 2019 (ISSN: 2249 – 8958)(Indexed in: Scopus)(Impact Factor:5.97)
10. Aditya Kumar Sahu, Gandharba Swain. “**Data hiding using adaptive LSB and PVD technique resisting PDH and RS-analysis**”, International Journal of Electronic Security and Digital Forensics, Inderscience, 11(4), 458-476, 2019. (Indexed in Scopus). SJR:0.135, SNIP:0.311.
11. Ramachandro Majji, Bhramaramba Ravi, "**Classification of Gene Expression Data Set using Support Vectors Machine with RBF Kernel**", International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Vol. No. 8 Issue No. 2, Pp 2907 – 2013, July 2019. (indexed in Scopus)
12. Nagaraju. P, Dr. Nagamalleswara Rao.N, “**Obfuscation Techniques in Cloud Computing: A Systematic Survey**”, International Journal of Scientific and Technology Research, Vol.10, Issue.8, pp.1097-1102, 2019. Indexed In SCOPUS) (Impact Factor: 3.02)
13. K.Phani Babu, ”**Smart healthcare system**”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.8, Issue.12, ISSN: 2278-3075 Indexed In: SCOPUS) (Impact Factor: 5.54)
14. Sahu, A. K., & Swain, G. (2020). Reversible Image Steganography Using Dual-Layer LSB Matching. Sensing and Imaging, 21(1), 1., Dec 2019. (ISSN No.1557-2064) (Indexed in: ESCI & Scopus) (cite score 2018: 1.10, SJR: 0.221, SNIP: 0.557).
15. S. S. Gantayat, “**Optimization of Association Rules for Students' Data: A Soft Set Approach**”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Issue-9, pp. 3453-3458, July 2019. (ISSN: 2278-3075) (Indexed in: **Scopus**) (Impact Factor: 0.05)
16. S. S. Gantayat, B. N. Patra, N. Panda, & M. Parhi, “Privacy Preserving with Association Rule Mining Using EvolutionaryAlgorithm”, International Journal of Recent Technology and Engineering (IJRTE), Vol. 8, Issue-4, pp. 11893 -11899, November 2019 (ISSN: 2277-3878) (Indexed in: Scopus) (Impact Factor: 0.14)
17. S. S. Gantayat & Y. Soujanya, “Text Detection and Recognition from the Captions of Streaming Videos using Tracking”, International Journal of Scientific and Technology Research, IJSTR Vol.8, Issue 12, pp.782-789, December 2019 (ISSN 2277-8616) (Indexed in: Scopus) (Impact Factor: 0.36)
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2017-18 :

2017-18 :

National Conference:

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2017-18 :

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4. M.Vijaya Bharathi, K. Koteswara Rao and Sireesha Rodda, "**Survey on Techniques of Fault Detection - Rookies Vantage Point**", International Conference on Cloud, Big Data and IoT (ICCB 2017), Inventive Research Organization at Coimbatore, 29-30 March 2017.
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2016-17 :

2016-17 :

National Conference:

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2016-17 :

National Journal:

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2016-17 :

International Conference:

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