

List of Publications
Department of Electronics and Communications
Engineering
GMR Institute of Technology (Autonomous), Rajam
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Vizianagaram Andhra Pradesh 532127, India

Academic Year	National Conferences	National Journals	International Conferences	International Journals	Books/ Book Chapters	Total Publications	Cumulative Publications
July 2025 to January 2026	00	00	32	27	7	66	835
July 2024- June 2025	00	00	30	53	11	94	769
July 2023- June 2024	00	00	07	12	07	26	675
July 2022- June 2023	00	00	04	13	01	18	649
July 2021- June 2022	00	00	16	43		59	631
2020-21	00	00	02	64		66	572
2019-20	00	00	02	68		70	506
2018-19	00	00	04	47		51	436
2017-18	01	00	18	21		40	385
2016-17	00	00	13	23		36	345
2015-16	06	01	21	34		62	309
2014-15	20	00	46	26		92	247
2013-14	05	00	03	19		27	155
2012-13	07	00	03	12		22	128
2011-12	00	00	20	09		29	106

2010-11	08	00	15	19		42	77
2009-10	06	00	02	01		09	35
2008-09	01	00	01	00		02	26
2007-08	01	00	06	00		07	24
2006-07	05	00	03	01		09	17
2005-06	05	00	03	00		08	08

July 2025 - January 2026

International Conférences:

1. Mali, T., Pampana, T., Mortha, U.R., Sai, M.V., Aditya, K.S.B., Rao, B.M.S.S. (2025). IoT-Based Inventory Management and Control for Smart Refrigerators. In: Madureira, A.M., Abraham, A., Bajaj, A., Kahraman, C. (eds) Hybrid Intelligent Systems. HIS 2023. Lecture Notes in Networks and Systems, vol 1227. Springer, Cham. https://link.springer.com/chapter/10.1007/978-3-031-78931-1_25
2. Vysyaraju, D.V.S., Pamu, D., Patheda, S.K., Rayapati, R.B., Suru, J.R., Rao, M.V.N. (2025). An Efficient Classification of Tomato Plant Diseases Using Deep Learning. In: Madureira, A.M., Abraham, A., Bajaj, A., Kahraman, C. (eds) Hybrid Intelligent Systems. HIS 2023. Lecture Notes in Networks and Systems, vol 1227. Springer, Cham. https://link.springer.com/chapter/10.1007/978-3-031-78931-1_27
3. C., Devansh, Ch; G., Eswar, G.; G., Narasimha, G.; J.V., Venkata Suman, Jami Venkata; O., Gurrapu, Omprakash; A., Swetha Priya, Aenikapati; E., Jaya, Eppili, "Design and Performance Comparison of Approximate Multipliers", 2025 5th International Conference on Pervasive Computing and Social Networking (ICPCSN), DOI:[10.1109/ICPCSN65854.2025.11034873](https://doi.org/10.1109/ICPCSN65854.2025.11034873)
4. M., Swathi, Murapaka; R., Karthikeya, R.; K.V.S.H., Vardhan, Koppolu Vishnu S.Harsha; K.S., Pavan, Kancharla Sai; K.P., Chand, Kanna Prem; T., Prabhakar, Telagarapu, "Prediction of Chronic Diseases Using Machine Learning Algorithms", Bio-Inspired Computing, pp.257-263, DOI:[10.1007/978-3-031-78937-3_26](https://doi.org/10.1007/978-3-031-78937-3_26)
5. M., Umasankar, Metta; K., Revanth, Korada; N.S., Kumar, Naru Shiva; M., Venkatesh, Marri; J.V., Venkata Suman, Jami Venkata, "Low Power and High Speed Hybrid Adder Design Using 10T XOR&XNOR Logic", Proceedings of the 15th International Conference on Soft Computing and Pattern Recognition, pp.443-449, DOI:[10.1007/978-3-031-81086-2_49](https://doi.org/10.1007/978-3-031-81086-2_49)
6. A., Sudhakar, A.; B., Salviyah, B.; G.V.D., Naidu, G. Vasu Deva, "Design of slotted microstrip antenna for ISM band applications", AIP Conference Proceedings, vol. 3298, no. 1, ISSN: 1551-7616, Scopus, <https://doi.org/10.1063/5.0279299>
7. T.V., Divakar, T. V.S.; G.A., Rao, G. Anantha; D.V., Ramana, D. V., "Tripple slotted miniaturized PIF antenna with an electromagnetic meta-surface for medical applications at 5-6 GHz", AIP Conference Proceedings, vol. 3298, no. 1, ISSN: 1551-7616, Scopus, <https://doi.org/10.1063/5.0279671>
8. J., Botu, Jahnvi; R.S., Saxena, Ravi Shankar; B.M.S., Srinivasa Rao, B. M.S.; S., Arasavalli, Sravanthi; A., Uppada, Akshaya; S.M., Appada, Sai Manikanta; G., Durga, G., "Development of a solar-powered, sensor-integrated polyhouse for precision agriculture with cloud connectivity, AIP Conference Proceedings, vol. 3298, no. 1, ISSN: 1551-7616, Scopus, <https://doi.org/10.1063/5.0280524>
9. T., Prabhakar, Telagarapu; A.R., Gondu, Anantha Rao; C., Kishor Kumar Reddy, C.; A., Vandana, Annam; B., Jahnvi, B., "Design of real time facial emotion recognition system using

- convolutional neural network”, AIP Conference Proceedings, vol. 3298, no. 1, ISSN: 1551-7616, Scopus, <https://doi.org/10.1063/5.0281446>
- 10.D.S., Rao, D. Srinivasa; C., Rajasekhar, Chukka; G.B., Naidu, G. B.S.R.; P.M., Prasad, P. M.K., “QoS Based Multimedia Service Access in Emergency Response Wi-Fi Networks”, 2025 11th International Conference on Communication and Signal Processing (ICCSP), 05-07 June 2025, Melmaruvathur, India, [10.1109/ICCSP64183.2025.11088789](https://doi.org/10.1109/ICCSP64183.2025.11088789)
 - 11.P., Naveen, Panchireddy; Y., Asha, Yalla; P.S., Sateesh, Pakki Siva; V.T., Jose, Valayathil Thomas; R.S., Vamsi, Regpu Sai; J., Venkata Suman, Jami; S., Rajeyyagari, Sivaram, “Design of Low Power ALU Using FinFET-Based Adiabatic Logic”, Proceedings of Sixth International Conference on Computer and Communication Technologies (pp.125-132), [10.1007/978-981-96-5238-9_12](https://doi.org/10.1007/978-981-96-5238-9_12)
 - 12.Sarao, P.; Srinivasa Rao, B.; Gajbhare, B.P.; Naidu, G.; Vandna, n.; Prakash, K.S., “Hybrid Fuzzy Logic and Ant Colony Optimization-Based Routing for Dynamic VANET Topology Management”, 2025 International Conference on Computing Technologies & Data Communication (ICCTDC), 4-5 July 2025, HASSAN, India, [10.1109/ICCTDC64446.2025.11158162](https://doi.org/10.1109/ICCTDC64446.2025.11158162)
 - 13.Ramya, K.; Vignesh Venkat Sai, N.; Jagan Mani, K.; Raja Sekhar, M.; Ayappan, S., “Detection and Classification of Brain Tumor Based on Convolutional Deep Learning Techniques”, Lecture Notes in Networks and Systems, pp. 380-386, https://link.springer.com/chapter/10.1007/978-3-031-78922-9_37
 - 14.Kadha, V.; Suresh, S.; Sambangi, R.; Das, S.K., “Precise Image Rotation Estimation via Resampling Techniques for Robust Image Authentication”, 2025 3rd International Conference on Sustainable Computing and Data Communication Systems (ICSCDS), Erode, India, [10.1109/ICSCDS65426.2025.11167281](https://doi.org/10.1109/ICSCDS65426.2025.11167281)
 - 15.Venkateswararao, M.; Tirunagari, T.; Keerthi, D.; Nagarjuna, G.; Mahithkumar, J.; Govindaiah, K.; Tulasi, V.L., “Design and Analysis of Serrated Step Shaped Ultrawideband Patch Antenna for Automotive Applications”, 2025 IEEE Wireless Antenna and Microwave Symposium (WAMS), Chennai, India, [10.1109/WAMS64402.2025.11158437](https://doi.org/10.1109/WAMS64402.2025.11158437)
 - 16.Tarakarama, N.; Venkata Suman, J.V.; Pragnya, N.; Kusumakumari, M.; Chandrasekhar, S.D.; Matchanova, B.; Raximov, B., “Advancements in VLSI Based Neural Network Architectures for Abnormal Heartbeat Detection: A Comprehensive Review”, 2025 7th International Conference on Energy, Power and Environment (ICEPE), 09-11 May 2025, Sohra (Cherrapunjee), India, [10.1109/ICEPE65965.2025.11139621](https://doi.org/10.1109/ICEPE65965.2025.11139621)
 - 17.Venkata Suman, J.V.; Gurrapu, O.; Govinda Rajulu, B.G.; Hayitov, H.A.; Ashirova, A.; Shadiyor, Y.; Chakravarthi, P.K., “Real-Time EEG-Based Drowsiness Detection Using Deep Learning Algorithms”, 2025 7th International Conference on Energy, Power and Environment (ICEPE), 09-11 May 2025, Sohra (Cherrapunjee), India, [10.1109/ICEPE65965.2025.11139689](https://doi.org/10.1109/ICEPE65965.2025.11139689)
 - 18.Gurrapu, O.; Rajesh, S.; Jurabek, R.; Parthiban, V.; Rao, T.C.S.; Rajamani, P.S.; Venkata Suman, J.V.; Venkataramanaiah, B., “Design and Implementation of Selective Adaptive Pipeline Structure for Low Power RISC Processor Applications”, 2025 6th International Conference on Data Intelligence and Cognitive Informatics (ICDICI), 09-11 July 2025, Tirunelveli, India, [10.1109/ICDICI66477.2025.11135438](https://doi.org/10.1109/ICDICI66477.2025.11135438)
 - 19.Shailaja, N.; Thammineni, H.; Pyla, R.K.; Velagala, R.; Behara, A.P.; Venkata Suman, J.V., “The Future of English Language Teaching AI, Virtual Language Labs and Soft Skills Integration”, 2025 International Conference on Metaverse and Current Trends in Computing (ICMCTC), 10-11 April 2025, Subang Jaya, Malaysia, <https://ieeexplore.ieee.org/abstract/document/11196173>
 - 20.Tankala, M.R.; Patel, A.; Uglu, V.S.O.; Himabindu, B.A.; Venkata Suman, J.V.; Rao, P.K.; Prasanna, G.S., “A Comparative Analysis of Deep Learning Transformers and Classical Approaches in IoT Security”, 2025 International Conference on Metaverse and Current Trends in Computing (ICMCTC), 10-11 April 2025, Subang Jaya, Malaysia, [10.1109/ICMCTC62214.2025.11196664](https://doi.org/10.1109/ICMCTC62214.2025.11196664)
 - 21.Kiran, G.C.; Katikireddi, P.M.; Vasa, Y.; Singirikonda, P.; Durga Syam Prasad, K.; Venkata Suman, J.V., “Smart Agriculture: Integrating AI and IoT in Embedded Systems”, 2025 International

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 23. Venkata Suman, J.V.; Gurrapu, O.; Christy, A.A.; Swetha Priya, A.; Ugli, M.; Sabirov, S., "FPGA-based Embedded Sensor Architecture for High-Speed Data Acquisition Systems" 2025 International Conference on Modern Sustainable Systems (CMSS), Universiti Teknologi MARA, Malaysia and RVS College of Engineering and Technology, 12-14 Aug. 2025, Malaysia. [10.1109/CMSS66566.2025.11182481](https://doi.org/10.1109/CMSS66566.2025.11182481)
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 26. Gurrapu, O.; Reddy, C.K.; Saripalli, A.K.; Mannanuddin, K.; Swamy, G.V.; Naick, B.R.; Venkataramanaiah, B.; Venkata Suman, J.V., 2025 9th International Conference on Inventive Systems and Control (ICISC), Coimbatore, Tamilnadu, [10.1109/ICISC65841.2025.11187494](https://doi.org/10.1109/ICISC65841.2025.11187494)
 27. Mallam, M.; Narayanaswamy, G.; Adithi, M.; Malashree, K.S.; Venkata Suman, J.V.; Prasanna, G.S., "Improvements in Fraud Prevention using Machine Learning", 2024 Fourth International Conference on Multimedia Processing, Communication & Information Technology (MPCIT), 13-14 December 2024, Shivamogga, India, [10.1109/MPCIT62449.2024.10892792](https://doi.org/10.1109/MPCIT62449.2024.10892792)
 28. Krishna, M.V.; Rakshith, G.; Kodipalli, A.; Rao, T.; Venkata Suman, J.V., "Accurate Prediction and Classification of Heart Failure Using Machine Learning Algorithms and Interpretation Using Explainable AI", Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, https://link.springer.com/chapter/10.1007/978-3-031-94283-9_27
 29. Harshitha, J.; Kodipalli, A.; Rao, T.; Venkata Suman, J.V., "Transparency in Lung Cancer Prediction: Integrating Explainable AI Techniques with Machine Learning Models", Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, https://link.springer.com/chapter/10.1007/978-3-031-94283-9_26
 30. Srujana, B.; Sunidhi, S.K.; Sanjana, N.; Kodipalli, A.; Rao, T.; Venkata Suman, J.V., "Airline Passenger Satisfaction Analysis Using Classifiers of Computation Models and Explainable AI", Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, https://link.springer.com/chapter/10.1007/978-3-031-94283-9_7
 31. Harshini, J.P.; Raksha, K.; Kodipalli, A.; Rao, T.; Venkata Suman, J.V., "Deciphering Chronic Kidney Disease Diagnosis: A Comparative Exploration of Computational Approaches with LIME and SHAP Interpretation", Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, https://link.springer.com/chapter/10.1007/978-3-031-94283-9_31

32. Shreyashree, P.M.; Bhumika, A.; Kodipalli, A.; Rao, T.; Venkata Suman, J.V., “Electric Vehicle Charging Stations: A Comparative Study of Multiple Machine Learning Classifiers and Interpretation Using Explainable AI”, Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, https://link.springer.com/chapter/10.1007/978-3-031-94283-9_28

International Journals:

1. S., Shanmuganathan, Shanmathi; M., Kanagasabai, Malathi; G.N.A., Mohammed, Gulam Nabi Alsath; S.K., Palaniswamy, Sandeep Kumar; S., Kumar, Sachin; B., Goyal, Bhawna; N.F., Soliman, Naglaa F.M., “Design and analysis of sub-1 GHz antenna for non-standalone vehicular communication”, Scientific Reports, vol. 15, no. 1, ISSN: 2045-2322, IF: 3.9, SCI, Q1, <https://www.nature.com/articles/s41598-025-07188-y>
2. D., Venkat Reddy, D.; M.V., Nageswara Rao, M. V.; V.V., Tallapragada, V. V.Satyanarayana; T., Aravinda Babu, T.; V.V.R., Karna, Vishnu Vardhana Reddy, “A lightweight FPGA accelerator for onboard processing of hyperspectral anomaly detection based on optimized TinyYOLOv3 model”, Integration, vol. 104, ISSN: 0167-9260, IF: 2.5, SCI, Q2, <https://www.sciencedirect.com/science/article/pii/S0167926025001002>
3. V.V.R., Karna, Vishnu Vardhana Reddy; D., Venkat Reddy, D.; M.V., Rao, M. V.Nageswara; V.V., Tallapragada, V. V.Satyanarayana; T.A., Babu, Tummala Aravinda., “An Efficient Target Recognition Model Based on Radar Vision Fusion for Road Traffic Safety”, Transactions on Emerging Telecommunications Technologies, vol. 36, no. 5, ISSN: 2161-3915, IF: 2.5, SCI, Q3, <https://onlinelibrary.wiley.com/doi/10.1002/ett.70156>
4. G., Yaminisasi, Guntamukkala; P.S., Pokkunuri, Pardha Saradhi; N., Prasad, Nagandla; T.P.M., Boddapati, Taraka Phani Madhav; A.D., Algarni, Abeer Dhafer; S., Das, Sudipta; E.G., Mohammed, El Ghzaoui., “Fish-Tail Structured Fractal Monopole Printed Antenna with Dual Broadband Characteristics for Sub-6GHz 5G and X-Band Radar Applications”, Fractal and Fractional, vol. 9, no. 1, ISSN: 2504-3110, IF: 3.3, SCI, Q1, <https://www.mdpi.com/2504-3110/9/1/29>
5. T.A., Babu, Tummala Aravinda; V.V.R., Karna, Vishnu Vardhana Reddy; D., Venkat Reddy, D.; M.V., Rao, M. V.Nageswara; T.V.V., Satyanarayana, T. V.V., “Joint TL-SCL-BPPC Decoder for the Double Deep Polar Codes”, WIRELESS PERSONAL COMMUNICATIONS, vol. 0, no. 0, ISSN: 0929-6212, IF: 2.2, SCI, Q3, <https://link.springer.com/article/10.1007/s11277-025-11791-7>
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8. S., Kalli, Sivanagireddy; S., Aouthu, Srilakshmi; Y., Srinivas, Yerram; V., Sidda Reddy, V.; R., Palla, Ravikumar; M., Valathuru, Mahesh; N., Prasad, Nagandla, “A Triple Band Square Shape Multi-slot Defective Ground Structure Patch Antenna for C-, X-, and Ku-band Applications”, Journal of

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 12. K., Chiranjeevi, Karri; G.B., Naidu, G. B.S.R.; S.S., Akhter, Shaik S.; A.T., Trinadha Rao, A. Trinadha; V., Manohar, Vuppula; G.S., Santosh Kumar, Gottapu Sanotosh; A., Fejjari, Asma, "Robotic Arm-Cutting Edge Sorting Machine for Industrial Optimization", Journal of Image and Graphics (United Kingdom), vol. 13, no. 4, pp. 394-405, ISSN: 2301-3699, Scopus, <https://www.joig.net/2025/JOIG-V13N4-394.pdf>
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 14. Nayeem, S.; Misra, Y.; Sriveni, D.; Yellapragada, R.K.; Jaganathan, A., "A New Offloading Technique to Maximize Multi-User Performance in Edge Computing using Blockchain Technology in the Internet of Things", International Journal of Applied Mathematics, vol. 38, no. 4S, pp. 855-867, ISSN: 1314-8060, Scopus, [10.12732/ijam.v38i4s.275](https://doi.org/10.12732/ijam.v38i4s.275)
 15. Rajasekaran, A.S.; Maria, A.; Prasad Chapa, B.; Gondu, A.R., "FAV2G: Fog-Based Authentication Scheme for Vehicle-to-Grid Network With Verilog Implementation", IEEE Open Journal of the Computer Society, vol. 6, pp. 1512-1524, ISSN: 2644-1268, SCI,Q1, IF: 8.2, <https://www.computer.org/csdl/journal/oj/2025/01/11177015/2ah7q00lfeE>
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2019-20 :

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 43. D.Venkata Ramana, P.V.Sridevi, , "**A Novel Ternary Content Addressable Memory Cell**", International Journal of Engineering & Technology, Vol. 7, Issue 24, pp. 67-70, November 2018. (ISSN No.:2227-524X)(Indexed in: Scopus)
 44. N.V.Lalitha, G.Suresh, "**A Survey on Biometrics of Fingerprint and Face Recognition Methods**", International Journal of Research in Advent Technology, Vol. 6, No.7, July 2018.
 45. M.Kathirvelu, "**Design and Development of Assisting Device to Communicate between Normal Persons and Speech Impaired**", International Journal of Pure and Applied mathematics", Vol. No. 118, Issue No. 22, pp. 787-791, 2018. (Scopus)
 46. M.Kathirvelu, "**E-Voting System for Citizens in Valid Outstation**", International Journal of Pure and Applied Mathematics", Vol. No. 118, Issue No. 22, pp. 779-785, 2018. (Scopus)
 47. Jami Venkata Suman and J. Beatrice Seventline, "**Performance Analysis of LMS Filter using Chatoic and Barker Codes for Radar Target Detection**", Journal of Engineering and Applied Sciences, Vol. 13, Issue 6, pp. 1537-1543, 2018. (Scopus)
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2017-18 :

2017-18 :

National Conference:

1. M.Kathirvelu, "**Digital Fuel Meter for Automobiles**", A National Conference on Innovations and Advancements in Electrical Sciences, organized by KPRIET, Coimbatore during 23rd March 2018.

2017-18 :

National Journal:

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2017-18 :

International Conference:

1. T.Prabhakar and S.Poonguzhali, "**Assessment of Texture Feature Extraction to Classify the Benign and Malignant Lesions from Breast Ultrasound Images**", International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES 2017), and published (Online) as book chapter in Advances in Intelligent Systems and Computing, Springer, Singapore, Vol. 668, during March 2018.
2. M.Kathirvelu, "**Design & Development of Wearable Device to Convert Sign Language to Voice**, International Conference on Science, Technology, Engineering and Management, Organized by KIT, Coimbatore during 23rd March 2018.
3. V. Rajinikanth, Suresh Chandra Satapathy, Nilanjan Dey and R. Vijayarajan, "**DWT-PCA Image Fusion Technique to Improve Segmentation Accuracy in Brain Tumor Analysis**", Lecture Notes in Electrical Engineering, 471, pp. 453-462, Jan 2018, https://doi.org/10.1007/978-981-10-7329-8_46

4. M.V.Nageswara Rao, L.Govinda Rao, "**High throughput Fft/Ifft Architecture for Mimo OFDM: A Review**", International Journal of Engineering Applied Sciences and Technology, Vol. 2, Issue 6, Pages 76-81, 2017 (ISSN No. 2455-2143)
5. T.Govinda Rao, "**Retrieve Quality and Intelligence of the Original Image using Set Partition in Hierarchical Tree Algorithm**", International Journal of Engineering Applied Sciences and Technology, Vol. 2, Issue 6, pp. 72-75, 2017. (ISSN No. 2455-2143)
6. T.Geetamma, "**Evaluating the Audio Watermarking Schemes Initiated on Fibonacci Numbers using Fast Fourier Transformation**", International Journal of Pure and Applied Mathematics, Vol. 114, Issue 7, pp. 435-445, 2017. (ISSN: 1311-8080 (printed version); ISSN: 1314-3395)
7. B.Anil Kumar, "**Brain Tumour Identification through MRI Images using Convolution Neural Networks**", 2nd International Conference on Inventive computation Technologies (ICICT 2017) IEEE Xplore Complaint, ISBN:978-1-5090-6697-1, Organised by RVS Technical Campus, Coimbatore during 24th to 25th August 2017.
8. Telagarapu Prabhakar, "**Automatic Detection and Classification of Benign and Malignant Lesions in Breast Ultrasound Images using Texture Morphological and Fractal Features**", 10th Biomedical Engineering International Conference (BMEiCON2017) held at Hokkaido University, Hokkaido, Sapporo, Japan, during August 31 to September 2, 2017.
9. S.S.D.Kameswari, "**A Method to Design Power Optimized Error Correction Codes based on Reversible Gate Logic**", 4th International Conference on New Frontiers of Engineering, Science, Management and Humanities (ICNFESMH-2017), IJEECS, Vol. 6, Issue 9, September 2017, ISSN 2348-117X, Organised by The Institution of Electronics and Telecommunication Engineers, Osmania University Campus, Hyderabad (India) on 3rd September 2017.
10. K Krishna Kishore, "**Automatic Plant monitoring System**",The International Conference on trends in Electronics and Informatics(ICEI 2017)",SCAD College of Engineering and Technology, 2017.
11. K Krishna Kishore, "**Braille Script to Voice Conversion**",The International Conference on Computation Methodologies and Communication (ICCMC 2017), Surya Engineering College, Erode ,Tamilnadu, 2017.
12. T Prabhakar, "**Analysis of Level set methods for Lesion Segmentation on Breast Ultrasound Images**",Joint International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES-2017) & Power, Circuit and Information Technologies (ICPCIT-2017)}, Madanapalle Institute of Technology & Science (MITS), Madanapalle, India, 2017
13. K.Krishna Kishore, "**Automatic Feeding System for Aquaculture**", the IEEE Third International Conference organized by Department of Electronics and communication Engineering & Department of IT St, PETER'S College of Engineering and Technology,Chennai, 2017. (Indexed in SCI and Scopus)
14. A.Sivasangari and D.Saraswady, "**Performance Evaluation of Optimal Parameters for Pest Image Segmentation using FCM & ACO**",5th International Conference on Recent Trends in Engineering, Science and Management - ICRTESM2016}, Hotel Heritage, Madurai pp. 113-118, 2016
15. K Krishna Kishore, "**Automatic plant monitoring system**", International conference on trends in electronics and informaticsplant monitoring system", SCAD college of Engineering and technology,Tirunelveli,India, 2017

16. Suresh Reddy and M.V.Nageswara Rao, “**Register Embedded Self Immunity using Reversible Logic Gates**”, Aerospace Electronics Electrical Communication and Instrumentation (ASECI), V.R Siddardha Engineering College, Vijayawada, 22nd-23rd October 2016. (Submitted in April 2017)
17. Ummidala Santhosh Kumar and G Manmdha Rao, “**Speech Enhancement Using Combination of Digital Audio effects with Kalman Filter**”, International Conference on Signal Processing, Communication, Power and Embedded System (SCOPE-2016), Centurion University of Technology and Management, Paralakimidi, Orissa, 3rd to 5th October 2016. (Submitted in April 2017)
18. Ch.Manikanta, G. Manmadha Rao and M. Jawaharlal, “**Development of GUI Controller for COMINT Scanning Subsystem In Electronic Warfare**”, Aerospace Electronics Electrical Communication and Instrumentation (ASECI), V.R Siddardha Engineering College, Vijayawada, 22nd-23rd October 2016. (Submitted in April 2017)

2017-18 :

International Journals:

1. Jami Venkata Suman and J. Beatrice Seventline, “**A Comparative Study of LFM Reverberation Suppression Schemes**”, International Journal of Future Generation Communication and Networking, Vol.10, No.4, pp. 99-108, 2017 (ESCI Indexed)
2. L.Govinda Rao, Kamala Kanta Mahapatra, and Samit Ari, "**Variable Length Mixed Radix MDC FFT/IFFT Processor for MIMO-OFDM Application**" IET Computers & Digital Techniques, Vol. 12, Issue 1, pp. 9-19, January 2018. (SCIE Indexed)
3. Locharla, Govinda Rao, Kamala Kanta Mahapatra and Samit Ari, "**Variable Length Mixed Radix MDC FFT/IFFT Processor for MIMO-OFDM Application**", IET Computers & Digital Techniques, Vol. 12, Issue 1, pp. 9-19, Jan 2018.
4. Dasari Srinivasa Rao and Victor Dhason Berlin Hency, **QoS-based Joint User Selection and Scheduling for MU-MIMO WLANs**, Journal of Telecommunication and Technology, Poland, 4/2017, <https://doi.org/10.26636/jtit.2017.112217> (Published online) (SCOPUS Indexed)
5. L.Ganeswari and V.Jagan Naveen, “**Implementation of Reed Solomon Encoder and Decoder for Wireless Communications**”, International Journal of Advance Research in Science and Engineering, Vol. 06, Issue 08, pp. 629-635, August 2017.
6. L.Bhargavi and V.Jagan Naveen, “**Noise Suppression in Speech Signals using Kalman Filtering**”, International Journal of Advanced Research in Science and Engineering, Vol. 06, Issue 08, pp. 579-585, August 2017.
7. V.Jagan Naveen, K.Krishna kishore and P.Rajesh Kumar, "**Human Ear Pattern Recognition System**", International Journals of Advanced Research in Computer Science and Software Engineering, Vol. 7, Issue 8, August 2017. (ISSN: 2277-128X)
8. T.Geetamma, “**Curvelet Transform and Adaboost Technique for HIS Feature Extraction**” International Journal of Advance Research in Science and Engineering, Vol. 06, Issue 08, August 2017. (ISSN(O):2319-8354, ISSN(P):2319-8346)
9. J.V.Suman, “**An Optimized Power Performance and Area in ASIC Physical Design**” IJEECS, Vol. 6, Issue 9, September 2017.
10. A.Sudhakar, “**Compact Circular Slotted Rectangular UWB Antenna ith Wlan and Partial X Band Rejection**”, ARPN Journal of Engineering and Applied Sciences, Vol. 12, Issue 13, July 2017. (ISSN 1819-6608)

11. T.Geetamma and J.B.Seventline, "**Robust Color Video Watermarking Using Wavelet Transforms**", Journal of Advanced Research in Dynamical & Control Systems, Vol. 7, No.1, pp. 75-84, August 2017. (Indexed in Scopus)
 12. Jami Venkata Suman, "**A Comparative Study of LFM Reverberation Suppression Schemes**", International Journal of Future Generation Communication and Networking, Vol 10, No. 4, pp 99-108, 2017, (Indeed in Scopus)
 13. A.Sivasangari and D.Saraswady, "**Analyzing the Optimal Performance of Pest Image segmentation for Vegetation Crop using Non linear objective assessments**", d, Vol. 6, No. 6, pp. 2789-2796, 2016. (indexed in Scopus, SCI)
 14. Ch.Manikanta, G.Manmadha Rao and M.Jawaharlal, "**Development of GUI Controller for COMINT Scanning Subsystem in Electronic Warfare**", Indian Journal of Science Technology, Vol. No. 9, S1, DOI: 10.17485/ijst/2016/v9iS1/107821, December 2016. (Submitted in April 2017) (Thompson Reuters web of science)
 15. G.Manmdha Rao and U.Santhosh Kumar, "**Speech Enhancement using Iterative Kalman Filter with Time and Frequecy Mask in Different Noisy Environment**", International Journal of Signal Processing, Image Processing and Pattern Recognition (IJSIP), Vol. No 9, Issue No. 9, pp. 317-324, 2016. (Submitted in April 2017)
 16. M.V.Nageswara Rao, V.Jagan Naveen and K.Krishna Kishore, "**Performance Analysis of Piecewise Linear Compadding with Various Precoders for PAPR Reduction of FDM Signals**", International Research Journal of Engineering and Technology, Vol. No.03, Issue 10, pp. 675-681, October 2016. (Submitted in April 2017)
 17. B.Anil Kumar, N.Lakshmi Devi and Praneeth Chaudary, "**Home Automation through Smart Phone using ESP8266 Wi-Fi Module by IOT**", International Journal of Current Trends in Engineering & Research (JCTER), Vol. No. 3, Issue 4, pp. 17 to 21, April 2017.
 18. B.Anil Kumar, "**Development of GUI Simulator and Interfacing with Controller for COMINT Subsystem in EW**", International Journal of Electrical and Electronics Engineering Research (IJEEER), pp. 171-180, Nov 2016. (Submitted in April 2017) (title repeated with serial number 1)
 19. V.Jagan Naveen, K.Krishna Kishore and P Rajesh, "**Estimation of BER and PAPR in OFDM and C-OFDM System over Different Fading Channels**", International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 6, Issue 8, pp. 71 to 79, August 2016. (Submitted in April 2017)
 20. I.Chaitanya, V.Jagan Naveen and B.M.S. Sreenivasa Rao, "**Low Power High Gain Amplifier for Low Voltage Wearable Biomedical Applications**", Indian Journal of Science and Technology, Vol. 9, Issue S1, DOI: 10.17485/ijst/2016/v9iS1/107914, December 2016. (Thompson Reuters web of science) (Submitted in April 2017)
 21. T.Prabhakar, "**Analysis of Level Set Methods for Lesion Segmentation on Breast Ultrasound Images**", Vol. X, Issue X, pp. X to X, August 2017. (Submitted in April 2017)
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2016-17 :

National Conference:

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2016-17 :

National Journal:

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2016-17 :

International Conference:

1. B.Sivaramakrishna, M.V.Nageswara Rao, “**Image Enhancement Recognized Complex Wavelet transform based Noise Reduction**”, International Recent Innovations in Engineering and Technology(ICRIET-2016), Gandhi Engineering and Technology, Gunupur, 5th and 6th November, 2016. (Submitted in April 2017)
2. Suresh Reddy, M.V.Nageswara Rao, “**Register Embedded Self Immunity using Reversible Logic Gates**”, Proceedings of Aerospace Electronics Electrical Communication and Instrumentation (ASECI) 2016, Page No:107-111, VRSEC, Vijayawada, 22nd and 23rd October, 2016. (Submitted in April 2017)
3. M.V.Nageswara Rao, V.Jagan Naveen and K.Krishna Kishore, “**Performance analysis of Piecewise Linear Companding with various precoders for PAPR reduction of FDM signals**”, Proceedings of International Research Journal of Engineering and Technology, Vol. 03, Issue 10, pp. 675-681, October 2016. (Submitted in April 2017)
4. A.Sudhakar, “**WLAN Frequency Notched Printed Microstrip Antenna with Inverted T shaped DGS**”, 8th International Conference on computational Intelligence and Communications Networks, Organized at THDC Institute of Hydropower Engineering and Technology, New Tehri, Dehradun, India, during 24th December 2016.
5. S. Sri Durga Kameswari, “**Design of Radix-2 Fft with 64 Points using IEEE 754 Floating Point Format**”, International Conference on Recent Innovations in Engineering and Technology (ICRIET-2K16), 5th & 6th November,2016.
6. P.M.K.Prasad, “**Low-Complexity PTS and SLM Techniques on PAPR reduction in SFBC MIMO-OFDM Systems**”, 2nd International Conference on Aerospace Electronics, Electrical, Communications & Instrumentation (ASECI-2016) sponsored by TEQIP-II, MHRD, Govt. of India, Organized by V.R. Siddhartha Engineering College, Vijayawada, Andhra Pradesh during 22nd and 23rd October, 2016.
7. P.M.K.Prasad, P.V.Murali Krishna “**Adaptive Hold Logic Design with Variable Latency Multiplier**” International Conference on Recent Innovations in Engineering and Technology (ICRIET-2016), Organized by Gandhi Institute of Engineering and Technology, Gunupur, Odisha during 5th and 6th November, 2016.
8. K.Krishna Kishore, “**BER and PAPR Analysis of UFMC for 5G Communication**”, International conference on Indian Journal of Science & Technology, V.R. Siddhartha Engineering College, ASECI-2016, Vol. 9, Special Issue 1, December 2016. (ISSN No: 09746846, 09745645)
9. A.Sudhakar, “**Printed Microstip UWB Antenna with Rectangular and Inverted ‘T’ Slot on Ground Plan to Reject WLAN Frequency**”, International Conference (INCEMIC-2016) at NIMHANS Convention Centre, Bangalore, India during 08-12-2016.
10. V.Jagan Naveen, “**Ecg Signal Analysis using LMS and RLS Techniques**”, International conference on Recent Innovations in Engineering and Technology(ICRIET-2016), held at Gandhi Institute of Engineering and Technology, Gunupur on 5th and 6th November 2016.

11. A.Sushma Prasanth Kumar and G.Manmadha Rao, “**A Stable Election Protocol Based on Weighted Election Probabilities for Clustered Heterogeneous Wireless Sensor Networks**”, International conference on Recent Innovations in Engineering and Technology(ICRIET-2016), held at Gandhi Institute of Engineering and Technology, Gunupur on 5th and 6th November 2016.
12. GBSR Naidu, D.Srinivasa Rao, “**Throughput Performance analysis of Physical Layer for Cellular Systems**”, Joint International Conference on ICAIECES-2016 AND ICPCIT-2016, Organized by Department of Electrical and Electronics Engineering, SRM University , Kattankulathur, Chennai, during 19th -21st May, 2016. (published in AISC springer. (Scopus))
13. Sudheer Kumar Nagothu “**Low Cost Smart Watering System in Multi Soil and Multi Crop Environment Using GPS and GPRS**”, 1st International Conference on Computational Intelligence and Informatics (ICCII 2016), AISC Series of Springer, Organized by Department of Computer Science & Engineering, JNTU, Hyderabad, during 29th May 2016.

2016-17 :

International Journals:

1. B.Anil Kumar, “**Development Of GUI Simulator And Interfacing With Controller for COMINT Subsysteme in EW**”, International Journal of Electrical and Electronics Engineering Research (IJEEER), TJPRC Pvt. Ltd., Special Issue, pp. 171-180, November 2016. (scopus indexed) (Submitted in April 2017)
2. Chaitanya, V.Jagan Naveen and B.M.S. Sreenivasa Rao, “**Low Power High Gain Amplifier for Low Voltage Wearable Biomedical Applications**”, Indian Journal of Science and Technology, Vol. 9, December 2016. (Submitted in April 2017)
3. G.Suresh, N.V.Lalitha, “**Content based Image Retrieval using Global Correlation Vector and Zernike Moments**”, Indian Journal of Science and Technology, Vol. 9, Issue S1, DOI:10.17485/2016/v9iS1/107922, December 2016.
4. N.V.Lalitha, G.Suresh, “**FPGA Implementation of Convolution for Data Hiding Application**”, Indian Journal of Science and Technology, Vol.9, Issue S1, DOI:10.17485/2016/v9iS1/107890, December 2016.
5. P.M.K.Prasad, “**Assessment of Diabetic Retinopathy Grading by the identification of Lesions in Optic Color Fundus Images using Curvelet, Thresholding and SVM Classifier Methods**”, Far East Journal of Electronics and Communications, Vol. 16, Issue 2, pp. 325-341, June 2016 (ISSN: 0973-7006, (Scopus Indexed))
6. P. M. K Prasad, “**Volumetric Medical Image Compression using 3D Listless Embedded Block Partitioning**”, Springer Plus Journal, DOI 10.1186/s40064-016-3784-y, (2016) 5:2100, March 2017. (ISSN:2193-1801, DOI 10.1186/s40064-016-3784-y, (2016) 5:2100) (Scopus indexed, Science Citation Index Expanded (SCI Expanded) Journal, Impact Factor 0.982)
7. T. Prabhakar and S.Poonguzhali, “**Filtering based Feature Extraction to Classify the Benign and Malignant Lesions from Breast Ultrasound Images**”, Journal of Medical Imaging and Health Informatics-American Scientific Publishers, USA, Vol. 6, Issue 6, pp. 1469 to 1474, October 2016. (Indexed in Science Citation Index expanded [SCIE Indexed])
8. Telagarapu Prabhakar and S.Poonguzhali, “**De-Ionising and Automatic Detection of Breast Tumor in Ultrasound Images**”, Asian Journal of Information and Technology, Medwell Journals. Vol. 15, Issue 18, pp. 3506-3512, December, 2016, (Scopus Indexed)
9. T.Govinda Rao and G.Padmanabhiah, “**Focuses on the BV Configuration in the Fundus Images**”, International Journal of Modern Computer Science and Applications, Vol. 4, Issue 6, November 2016.

10. N.V.Lalitha, “**Synchronized Robust Audio Watermarking Based on FWHT**” In IIOAB Journal, Special Issue: Recent Advances In Signal Processing And Networks, Vol. 7, Issue.11, pp. 206 to 211, December 2016.
11. A.Sudhakar, “**WLAN Frequency Notched Printed Microstrip Antenna with S Shaped Slot and Dielectric Resonant Material**”, Indian Journal of Science and Technology, Vol. 9, Issue 40, DOI: 10.17485/ijst/2016/v9i40/99000, October 2016. (ISSN:0974-5645)
12. G.B.S.R.Naidu, “**BER Estimation of OFDM System over Frequency Selective Fading Channels**”, International Journal of Control Theory and Applications, International Science Press, Vol. 9, Issue 13, pp. 5845-5853, 2016.
13. A.Sivasangari, “**Performance Evaluation of Optimal Parameters for Pest Image Segmentation using FCM & ACO**”, Indian Journal of Science and Technology, Vol. 9, No. 39, pp. 1-6, December 2016 (Scopus Indexed) (ISSN: 0974-5645)
14. A.Sivasangari, “**Pest Image Segmentation using Swarm Intelligence in Agricultural Ecosystem**”, Journal of Institute of Integrative Omics and Applied Biotechnology, Vol. 7, Supp. 1, pp. 326-331, December 2016 (ISSN: 0976-3104) (Scopus Indexed)
15. A.Sivasangari, “**A Survey on Autonomous Pest Detection using Image Processing and Pest Control with Embedded System in Agricultural Field**”, Journal of Instrumentation and Innovative Sciences, Vol. 1, No. 3, pp.1-9, December 2016.
16. G.Manmadha Rao, U.Santosh Kumar, ”**Speech Enhancement using Kalman Filter with Preprocessed Digital Expander in Noisy Environment**”, Indian Journal of Science and Technology , Vol. 9, Issue 39, October 2016. (SCOPUS)
17. D.Srinivasa Rao, “**QoS based Radio Resource Management Techniques for Next Generation MU-MIMO. WLANs: A Survey**”, International Journal of Telecommunication and Computer Engineering, Vol. 8, No. 1, pp: xxxx, 2016. (ISSN: 2180 – 1843 e-ISSN: 2289-8131)
18. T.Geethamma, “**Reversible Data Hiding Based On Multiple Histograms Modification**”, International Journal of Electronics and Communication Engineering (IOSR-JECE), Vol. 11, Issue 5, Ver. I, pp. 40-53, Sep.-Oct .2016. (e-ISSN: 2278-2834, p- ISSN: 2278-8735)
19. Sudhakar, M. Satyanarayana, M. Sunil Prakash, Sudhir Kumar Sharma, “**Compact UWB Planar Antenna with WLAN Band Rejection**”, International Journal of Microwave and Optical Technology, Vol. 11, Issue 2, pp. 123-130, March 2016. (Scopus Indexed Journal)
20. Sudhakar, M. Satyanarayana, M. Sunil Prakash, Sudhir Kumar Sharma, “**Frequency notched UWB Printed monopole antenna with protruding strips inside rectangular slot**”, Indian Journal of Science and Technology, Vol. 8, Issue 29, pp. 1-6, Nov 2015. (Scopus Indexed Journal)
21. P.M.K.Prasad, D.Y.V.Prasad, “**Performance Analysis of orthogonal and Biorthogonal wavelets for Edge detection of X-ray Images**” Procedia Computer Science, Elsevier, Vol. 87, pp. 116-121, 2016. (Scopus Indexed)
22. D.Srinivasa Rao, G.B.S.R.Naidu, “**SNR Estimation Algorithm for OFDM Systems**”, International Journal of Emerging Technologies in Engineering Research (IJETER), EverScience Publications, Vol. 4, Issue 6, pp 65-69, June 2016.
23. P.M.K.Prasad and G.B.S.R.Naidu, “**Medical Image Edge Detection using MRA Based Wavelet Transforms**”, International Journal of Latest Trends in Engineering and Technology, Vol. 7, Issue 1, pp. 644-650, May 2016. (Thomson Reuters Indexed Journal, Impact factor 0.685)

2015-16

National Conference:

1. D.Arun Kumar & P.Devi Pradeep , published a paper titled, “**A Review on Cryptographic Tools & Algorithms**”, National Conference on E-Solutions for Sustainable Development (NCESSD-2015), organized by School of Engineering, Department of ECE, Dayananda Sagar University, Bengaluru on 17th December 2015.
2. P.Devi Pradeep & J.V.Suman, published a paper titled, “**Design High Frequency of Synthesizer and voltage control oscillator**”, National Conference on E-Solutions for Sustainable Development (NCESSD-2015), organized by School of Engineering, Department of ECE, Dayananda Sagar University, Bengaluru on 17th December 2015.
3. GBSR Naidu,D.Srinivasa Rao & PMK Prasad, published a paper titled, “**Performance of Analysis of OFDM system under in different UWB channel condition**”, National Conference on E-Solutions for Sustainable Development (NCESSD-2015), organized by School of Engineering, Department of ECE, Dayananda Sagar University, Bengaluru on 17th December 2015.
4. D.Srinivasa Rao,B.Anil Kumar & GBSR Naidu, “**Disaster Resilient Emergency communication architecture using Solar-powered base stations**“, National Conference on E-Solutions for Sustainable Development (NCESSD-2015), organized by School of Engineering, Department of ECE, Dayananda Sagar University, Bengaluru on 17th December 2015.
5. K.Krishna Kishore, V.Jagan Naveen & SSD Kameswari, “**PAPR Reduction in OFDM system by using Hadmard transform**“, National Conference on E-Solutions for Sustainable Development (NCESSD-2015), organized by School of Engineering, Department of ECE, Dayananda Sagar University, Bengaluru on 17th December 2015.
6. Jami Venkata Suman presented a paper titled “**Study of performance of fractional fourier transform based AR prewhitner for LFM Reveberation**”, National Conference on Nascent and Advanced Technologies (NCNAT-2015), Organized by IETE, Navi Mumbai Centre during 22nd August 2015.

2015-16

National Journal:

1. J.Venkata Suman, “**Performance Analysis of Time Frequency Resolution Techniques for Non-Stationary Signals**”, Indian Journal of Science and Technology, Vol. 8, Issue 23, September – 2015.

2015-16

International Conference:

1. Shaik Zubaida Begum, Jagan Naveen, D.Arun Kumar, “**Different configurations of Distributed amplifier using 130nm MOS technology in 2-18GHz**”, Proceedings of 13th International Conference on Electromagnetic Interference and Compatibility (INCEMIC 2015), Organized by the Department of ECE, Andhra University, Visakapatnam, during 22nd and 23rd July 2015.
2. Sudheer Kumar Nagothu, G.Anitha, “**INS-GPS Enabled Driving Aid Using Doppler Sensor**”, **International Conference on Smart Sensors and Systems (IC-SSS – 2015)**, M. S. Ramaiah Institute of Technology, Bangalore, India, during 21st to 23rd December 2015.

3. Sudheer Kumar Nagothu, G.Anitha, “**INS - GPS Integrated Aid to Partially Vision Impaired People Using Doppler Sensor**”, 3rd International Conference on Advanced Computing and Communication Systems, Organized by Sri Eshwar College of Engineering, Coimbatore, January 2016.
4. Sudheer Kumar Nagothu “**Automated Toll Collection System Using GPS and GPRS**”, 5th IEEE International Conference on Communication and Signal Processing- ICCSP'16, Organized by the Department of Electronics and **Communication** Engineering, APEC, Melmaruvathur, Tamilnadu, India, during 6th to 8th April 2016.
5. N Sudheer Kumar, “**Weather based smart watering system using soil sensor and GSM**”, International conference on futuristic trends in research and innovation for social welfare (WCFTR 16), Organized by Karpagam College of Engineering, Coimbatore 641032, held on 29th February and 1st March, 2016.
6. N Sudheer Kumar, “**Anti-theft alerting and monitoring of animals using integrated GPS and GPRS in Indian scenario**”, International conference on futuristic trends in research and innovation for social welfare (WCFTR 16), Organized by Karpagam College of Engineering, Coimbatore 641032, held on 29th February and 1st March, 2016.
7. G.Sahu and B.Biswal, “**Analysis of ECG Signals using Advanced Wavelet Filtering Approach**”, International Conference on Computational Intelligence in Data Mining (ICCIDM-2015), Organized by Roland Institute of Technology, Berhampur Odisha, during 5th and 6th December, 2015 (published in Advances in Intelligent Systems and Computing, Springer, Volume 2, 2016, pp 427-436.)
8. M.Bala Krishna, “**Long Distance Communication by Fiber Optics using Solitary Wave**”, 3rd International Conference on Recent Innovations in Science, Engineering and Management held at SVCET, Srikakulam, 27th February 2016.
9. P.M.K.Prasad, P.Kalyan Chakravarthy, “**Design and Development of Controller Software for MAS Receiver using Socket Programming**”, International Conference on Computational Intelligence in Data Mining (ICCIDM-2015), organized by Roland Institute of Technology, Berhampur, Odisha, India during 5th - 6th December, 2015.
10. N.V.Lalitha, “**An Efficient Audio Water Marking based on SVD and Cartesian-Polar transformation with Synchronization**”, International Conference on Micro Electronics Electro Magnetics and Telecommunications (ICMEET-2015), Organized by Department of Electronics and Communication Engineering ,GITAM University, Visakhapatnam, Andhra Pradesh, India during 18th & 19th December 2015.
11. T.Geethamma, “**Robust Hybrid Video Water Marking Using SVD and DTCWT**”, International Conference on Micro Electronics Electro Magnetics and Telecommunications (ICMEET-2015), Organized by Department of Electronics and Communication Engineering ,GITAM University, Visakhapatnam, Andhra Pradesh, India during 18th & 19th December 2015.
12. GBSR Naidu, “**BER estimation of OFDM system over fading channels**”, International Conference on Micro Electronics Electro Magnetics and Telecommunications (ICMEET-2015), Organized by Department of Electronics and Communication Engineering ,GITAM University, Visakhapatnam, Andhra Pradesh, India during 18th & 19th December 2015.
13. J.V.Suman, “**Design of Optimized MAC using EMBR techniques for low power applications**”, International Conference on Computational Intelligence in Data Mining (ICCIDM-2015), Roland Institute of Technology, Berhampur, Odisha during 5th and 6th December 2015 ..
14. D.V.Ramana, “**Designing of DPA Resistant Circuit Using Secure Differential Logic Gates**”, International Conference on Computational Intelligence in Data Mining (ICCIDM-

- 2015) , Roland Institute of Technology, Berhampur, Odisha, during 5th and 6th December 2015.
15. P.M.K.Prasad, “**Image Sharpness Estimation and Graph Theory Based Medical Image Segmentation**”, International Conference on Computing Paradigms (ICCP2015), Don Bosco Engineering College, Chennai, 24th and 25th July, 2015.
 16. GBSR Naidu, DYV Prasad & D.Srinivasa Rao, “**Estimation of Channel Capacity in MIMO-OFDM over different Fading Channels (CCN-010)**”, International Conference on Recent Trends and Recent Issues in Computer Science and Engineering(ICRTRICSE-2K15), Organized by Department of Computer Science and Systems Engineering, AU college of Engineering(A), Visakhapatnam during 2nd & 3rd May, 2015.
 17. GBSR Naidu, D.Srinivasa Rao & P.M.K.Prasad, “**Comparative Analysis of OFDM System with Reduced PAPR over Signal Distortion Techniques (CCN-009)**”, International Conference on Recent Trends and Recent Issues in Computer Science and Engineering(ICRTRICSE-2K15), Organized by Department of Computer Science and Systems Engineering, AU college of Engineering(A), Visakhapatnam during 2nd & 3rd May, 2015.
 18. Ch.Kalyan Chakravarthy, “**Optimization of Leakage Power In Sequential Circuits**”, 1st International Conference on Computing, Communication, Electrical, Electronics, Devices & Signal Processing CCEEDS’15, Organized by Sunflower Engineering College, Vijayawada during 28-03-15 to 30-03-15.
 19. Gupteswar Sahu, “**Ground State Properties of LiNbO₃ from First-Principles Calculations**”, International Conference on Recent Trends and Innovations in Engineering and Technology (ICRTIET-15), Organized by PACE Institute of Technology and Science, Ongole, during 1st & 2nd May, 2015.
 20. Gulivindala Suresh, “**Comparative Analysis of VEDIC Multiplier**”, International Conference on Developments in Engineering Research, held at Salem, during 26th April, 2015.
 21. N.V.Lalitha, Gulivindala Suresh, “**Audio Watermarking using DWT and QIM**”, International Conference on Developments in Engineering Research, held at Salem, during 26th April, 2015.

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International Journal:

1. Jagan Naveen, K.Krishna Kishore , P.Rajesh, “**BER Analysis of OFDM System over Nonlinear Fading Channels**”, International Journal of Applied Engineering and Research (IJEAR), Vol. 10, No. 19, October 2015. **(Scopus indexed)**
2. Marysandhya , V.Jagan Naveen, K.Sanath Kumar, “**PAPR Reduction for OFDM system using ABC and PSO Algorithms**”, International Journal of Applied Engineering and Research (IJEAR), Vol. 10, No. 17, pp. 37389-37395, October 2015. **(scopus indexed)**

3. Soundarya, V.Jagan Naveen,D.Tirumala Rao, "**Implementation of 32-Point FFT Processor for OFDM System**", proceedings of Computational Intelligence in Data Mining, Springer, Vol. 3, 2015. (scopus indexed)
4. Sudheer Kumar Nagothu, Joseph Praveen Kumar, G.Anitha, "**Lossless Compression of Hyperspectral Images using Differential Pulse Code Modulation**", International Journal of Applied Engineering Research, Vol. 10, No.10, pp 15613- 15617, 2015.
5. Sudheer Kumar Nagothu, Om Prakash Kumar, G Anitha, "**GPS Aided Autonomous Monitoring and Attendance System**", Procedia Computer Science Vol. 87, pp 99-104, 2015
6. T. Sridevi and G.Manmadha Rao, "**Design of Binary Comparators in QCA using 5-input Majority Gate**", International Journal of Applied Engineering Research (IJAER) , Research India Publications, Vol. 10, No. 9, pp 40623-40626, 2015. (Scopus Indexed)
7. G.Manmadha Rao and N.Srinivasa Rao, "**Speech Signal Analysis of Different Species using Cross Spectral Method**", International Journal of Applied Engineering Research (IJAER), Research India Publications, Vol. 10, No. 16, pp 37235-37239, 2015. (Scopus Indexed)
8. G.Manmadha Rao and N.Srinivasa Rao, "**Speech Signal Analysis Using Concentrated Spectrogram Method**", International Journal of Signal Processing, Image Processing and Pattern Recognition (IJSIP), SERSC Publishers, Vol. 8, No. 5, pp. 127-132, 2015.
9. P.Ramesh, B.I.Neelgar, B.M.S.Sreenivasa Rao, "**Image compression, ECG data Compression and Image Encryption by Binary versions of Discrete Cosine Transform, Haar Transform and Discrete Hartley Transform**", International Journal of Applied Engineering Research, Vol. 10, No. 17, 2015. (Scopus Indexed).
10. B.Anil Kumar, Murali Krishna, N.Lakshmi Devi, "**Performance Analysis of Image Edge Detection using Hybrid, Sobel and Log Sobel Methods**", International Journal of Current Trends in Engineering & Research (IJCTER), Vol. No. 2, Issue No. 4, pp. 684-691, April 2016. (Impact Factor: 3.468) (Indexed in: NA) (ISSN No.:2455-1392)
11. Anilkumar B, Lakshmidivi N, "**Performance analysis of Wireless Sensor Network using Zigbee Pro for Remote patient monitoring Application**", Journal of Network Communications and Emerging Technologies (JNCET), Vol. No. 6, Issue No. 3, pp. 67-72, March 2016. (Impact Factor: 4.332) (Indexed in: NA) (ISSN No: 2395-5317)
12. T.Govinda Rao, P.Devi Pradeep and P.Kalyan Chakravarthi, "**Design of double precision floating point multiplication algorithm with vector support**", International Journal of Microwave Engineering (JMICO), Vol.1, No.1, 2016.
13. D.Srinivasa Rao, GBSR Naidu, PMK Prasad, "**QoS based Spectrum Selection Scheme in Cognitive Radio Networks**", Journal of Network Communications and Emerging Technologies (JNCET), Vol. 6, Issue 1, pp 12-17, January 2016.
14. D.Y.V.Prasad, D.Srinivasa Rao, GBSR Naidu, "**Correlation based-Frequency offset estimation Over UWB Channels in Wireless Networks**", Journal of Network Communications and Emerging Technologies (JNCET), Vol. 6, Issue 2, pp 7-11, February 2016.
15. GBSR Naidu, D.Srinivasa Rao, PMK Prasad, "**A Study of MB-OFDM Wireless System over different UWB Channel Conditions**", Journal of Network Communications and Emerging Technologies (JNCET), Vol. 6, Issue 2, pp 1-6, February 2016.
16. D.Arun Kumar, M.BalaKrishna, P.V.Murali Krishna, "**Various Trends in Backscatter of Natural Targets on Land Observed in Quikscat Data at Ku-Band**", International Journal of Microwave Engineering (JMICO), Vol. 1, No. 2, 2016
17. N.V.Lalitha, "**Robust Audio Watermarking Scheme with Synchronization Code and QIM**", International Journal of Engineering and Technology (IJET), Vol. 8, No. 1, , pp. 486-500, Feb-Mar 2016.

18. M.Bala Krishna, “**Long Distance Communication by Fiber Optics using Solitary Wave**”, International Journal of Electrical and Electronics Engineers, Vol. 08, Issue 01, Jan-June 2016.
19. P.M.K.Prasad, “**Image Sharpness Estimation and Graph Theory Based Medical Image Segmentation**”, International Journal of Applied Engineering Research, Vol.10, No. 69, pp 251-256, 2015. (Scopus Indexed Journal)
20. J.V.Suman, “**Design of Low Power Signed Multiplier Based on EMBR Techniques**”, International Journal of Hybrid Information Technology, Vol.8, No.11, pp.181-188, 2015.
21. P.M.K.Prasad, “**Performance Analysis of Biorthogonal Wavelets for Edge Feature Extraction of X-ray Images Based on Parameterized Filter Design**”, International Journal of Applied Engineering Research (Scopus Indexed Journal), Vol. 10, No. 5, pp. 11979-11993, 2015.
22. P.M.K.Prasad, “**Investigation of various orthogonal wavelets for precise analysis of X-ray images**” International Journal of Engineering Research and Applications, Vol. 5, Issue 2, Part 3, pp 24-32, 2015.
23. A.Sudhakar, “**Single Band Frequency Notched Square Monopole UWB Antenna with Extended Stepped Side Inverted U Slot**”, International Journal of Microwave and Optical Technology (Scopus Indexed Journal), Vol.10, No.5, September 2015.
24. T.Geethamma, “**A Novel blind Audio And Video Watermarking**”, International Journal of Applied Engineering Research, Vol. 10, No. 17, pp 37624-37629, 2015.
25. J.V.Suman, “**Design of 16-bit Multiplier Using Efficient Recoding Techniques**”, International Journal of Hybrid Information Technology, Vol.8, No.10, pp.7-14, 2015.
26. D.Venkata Ramana , “**Implementation of DPA Resistant Circuit using Differential Logic Gates for Advanced Security**”, International Journal of Trend in Research and Development (IJTRD), Vol. 2, Issue 4 , September 2015.
27. N.V.Lalitha, G.Suresh , “**Analysis of Texture Features for Image Processing Applications**”, International Journal of Trend in Research and Development, Vol. 2, Issue 4, August 2015.
28. P.M.K.Prasad, P.Kalyan Chakravarthy, “**Design and Development of Controller Software for MAS Receiver using Embedded System**”, International Journal of Innovation in Computer Science and Engineering, Vol. 5, Issue 1, pp 48-52, July- 2015.
29. P.V.Murali Krishna, G.Sahu and D.Arun Kumar, “**A Scheme for Secure Transmission of Multiple Images using MCKBA and FFWPDM**”, International Journal of Scientific Research in Science, Engineering and Technology (ISSN:2394-4099), Vol 1, Issue 1, January- February, 2015.
30. Jami Venkata Suman, “**Performance Analysis of Multi Frequency Component Signals using Hilbert-Huang Transform**”, International Journal of Trend in Research and Development (ISSN: 2394-9333), Vol. 2 issue 3, pp:98-102, May 2015.
31. D Arun Kumar, “**A Review on Design of Microstrip Patch Antennas Using Different Techniques**”, International Journal of Applied Engineering Research, Research India Publications, Vol. 10, No.20, 2015 (ISSN 0973-4562) (Scopus indexed)
32. G.Sahu, D.Arun Kumar, M.Bala Krishna, J.V.Suman, “**Speech Enhancement in Presence of Noise using Spectral Subtraction and Wiener Filter**”, International Journal of Trend in Research and Development, Vol. 2, Issue 3, June 2015. (ISSN: 2394-9333)
33. Jami Venkata Suman, “**Design of Efficient and Fast Multiplier Using MB Recoding Techniques**”, International Journal of Emerging Research in Management & Technology, Vol. 4, Issue 6, June 2015. (ISSN: 2278-9359)

34. D.Suresh, D.V.Ramana, D.Arun Kumar, “**Frame Based Recovery of Corrupted Video Files**”, International Journal of Microwave Engineering, Vol.1, No.1, 2015.
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National Conferences:

1. P.M.K.Prasad, “**Color and Gray scale Image Denoising using Modified Decision based Unsymmetric Trimmed Median Filter**”, National Conference on Recent Trends in Science and Technology NCRTST-2015, organized by JNTUH College of Engineering, Nachupally (Kondagattu), Karimnagar Dt., Telangana during 25th and 26th February 2015.
2. G.B.S.R.Naidu, “**MIMO-OFDM Wireless LAN For High Data Rate Multimedia Applications**”, National Conference on Recent Trends in Science and Technology NCRTST-2015, organized by JNTUH College of Engineering, Nachupally (Kondagattu), Karimnagar Dt., Telangana during 25th and 26th February 2015.
3. J.Venakata Suman, “**Performance comparison of one bit ALU design for low power applications**”, One day national conference on Emerging Trends in Information, Digital and Embedded Systems, Proceedeinds of the national conference ETI 2015, 28th February, 2015.
4. SSD Kameswari and K.Krishna Kishore, “**Hybrid Image Steganography Technique**” in one day national conference on Emerging Trends in information, digital and embedded systems held on 28-02-2015.
5. B.Anil Kumar presented and published paper titled, “**Design and development of a wireless robotic vehicle for motor speed and direction controlling system**”, A two day National Conference on Recent Advances in Microwaves and Antennas at Sri Venkateswara College of Engineering and Technology, Chittoor, 3rd and 4th March 2015.
6. D.Y.V.Prasad, D.Srinivasa Rao, G.B.S.R.Naidu, “**QoS based Resource Allocation for MIMO-OFDM broadcast systems**”, A two day National Conference on Recent Advances in Microwaves and Antennas at Sri Venkateswara College of Engineering and Technology, Chittoor, 3rd and 4th March 2015.
7. T. Govinda Rao, “**Synthetic Aperture Sonar**”, A two day National Conference on Recent Advances in Microwaves and Antennas at Sri Venkateswara College of Engineering and Technology, Chittoor, 3rd and 4th March 2015.
8. D.Arun Kumar, Ch.Kalyan Chakravarthy, P.Devi Pradeep, “**Review of Microstrip patch antenna for WLAN and WiMAX Applications**” , A two day National Conference on Recent Advances in Microwaves and Antennas at Sri Venkateswara College of Engineering and Technology, Chittoor, 3rd and 4th March 2015.
9. T.Geethamma, “**Literature survey of Wavelet based Digital Image Watermarking Techniques**”, IEEE Technically Co-sponsored conference on Emerging trends in Signal Processing And Communication Engineering (ESPACE-2015), Aditya Institute of Technology & Management, Tekkali, 20th and 21st February 2015.
10. B.Anil Kumar, T.Govinda Rao and Ch.Kalyan Chakravarthy, “**A novel Design and Development of Wireless Stethoscope for Heart beat Monitoring System using Arduino**”, IEEE Technically Co-sponsored conference on Emerging trends in Signal Processing And Communication Engineering (ESPACE-2015), Aditya Institute of Technology & Management, Tekkali, 20th and 21st February 2015.
11. K.Vijay Kumar, P. Kalyan Chakravarthy and P.Devi Pradeep, “**Color Image Compression by using hybrid discrete wavelet & cosine transforms**”, IEEE Technically Co-sponsored

- conference on Emerging trends in Signal Processing And Communication Engineering (ESPACE-2015), Aditya Institute of Technology & Management, Tekkali, 20th and 21st February 2015.
12. P. Kalyan Chakravarthy and D.Suresh, “**PSNR based optimized video transmission protocol for wireless communication**”, IEEE Technically Co-sponsored conference on Emerging trends in Signal Processing And Communication Engineering (ESPACE-2015), Aditya Institute of Technology & Management, Tekkali, 20th and 21st February 2015.
 13. P.M.K.Prasad, “**Edge feature extraction of X-ray images based on spatial domain techniques**”, IEEE Technically Co-sponsored conference on Emerging trends in Signal Processing And Communication Engineering (ESPACE-2015), Aditya Institute of Technology & Management, Tekkali, 20th and 21st February 2015. (got best paper award)
 14. B M S Sreenivasa rao, D Arun Kumar and O Kishore, “**Performance Analysis of Range and Doppler Information using Pulse Doppler Radar**”, IEEE Technically Co-sponsored conference on Emerging trends in Signal Processing And Communication Engineering (ESPACE-2015), Aditya Institute of Technology & Management, Tekkali, 20th and 21st February 2015.
 15. D Venkata Ramana and G B S R Naidu, “**On the design and optimization of Mixed Signal Systems using Field programmable Array of Analog and Digital Devices**”, IEEE Technically Co-sponsored conference on Emerging trends in Signal Processing And Communication Engineering (ESPACE-2015), Aditya Institute of Technology & Management, Tekkali, 20th and 21st February 2015.
 16. P Devipradeep, D V Ramana, D.Suresh and P. Kalyan Chakravarthy, “**Design of Low power Adder for ALU by Reducing Sub-Threshold Leakage Current**”, IEEE Technically Co-sponsored conference on Emerging trends in Signal Processing And Communication Engineering (ESPACE-2015), Aditya Institute of Technology & Management, Tekkali, 20th and 21st February 2015.
 17. K.Krishna Kishore and SSD Kameswari, “**Image steganography using DWT and Huffman Encoding**”, IEEE Technically Co-sponsored conference on Emerging trends in Signal Processing And Communication Engineering (ESPACE-2015), Aditya Institute of Technology & Management, Tekkali, 20th and 21st February 2015.
 18. J Venkata Suman, “**Design of low power and area efficient one bit ALU using reversible logic gates**”, IEEE Technically Co-sponsored conference on Emerging trends in Signal Processing And Communication Engineering (ESPACE-2015), Aditya Institute of Technology & Management, Tekkali, 20th and 21st February 2015.
 19. P.M.K.Prasad, “**Edge detection in noisy images using wavelet transform**”, National Conference on Recent Advances in Electronics & Computer Engineering(RAECE 2015) organized by Department of E.C.E. Indian Institute of Technology, Roorkee, 13th -15th February, 2015.
 20. D.Arun kumar, “**Wireless Reception For Microcontroller Based Embedded System**”, National Seminar titled Recent Trends In VLSI & Embedded System at Jaipur National University (RTVES) Jaipur, October 15 & 16, 2014(submitted on 25-11-2014)

National Journals:

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International Conferences:

1. D.Arun Kumar, “**A Review on Design of Microstrip Patch Antennas Using Different Techniques**”, IEEE Sponsored 2nd International Conference on Innovations in Information Embedded and Communication Systems ICIECS’15 organized by Department of ECE, Karpagam College of Engineering, Coimbatore, Tamil Naidu during 19-3-2015 to 20-03-15.
2. D.Arun Kumar, “**A Set of Range-Parameterized Kalman Filter For Target Tracking Using Extended Gain**”, 1st International Conference on Computing, Communication, Electrical, Electronics, Devices & Signal Processing CCEEDS’15 organized by Sunflower Engineering College, Vijayawada during 28-03-15 to 30-03-15.
3. D.Arun Kumar, “**Design of Microstrip Antenna with Asymmetric U Shaped Slot at 2.4GHz**”, 1st International Conference on Computing, Communication, Electrical, Electronics, Devices & Signal Processing CCEEDS’15 organized by Sunflower Engineering College, Vijayawada during 28-03-15 to 30-03-15.
4. G.Suresh, “Design and Implementation of 4 Bit D-RAM through Low-Power Pulse-Triggered Flip-Flop in SoC Technology”, 3rd International Conference on Computing Communication and Sensor Network, Proceedings of the conference CCSN 2015, March 2015.
5. K.Chiranjeevi, Ch.Babji Prasad, “Comparative study of SAR Image compression”, International Conference on Electrical, Electronics, Signals Communication and Optimization (EESCO)-2015, Vignan's Institute of Information Technology, Duvvada, Visakhapatnam 24th – 25th January, 2015.
6. Ch.Babji Prasad, D.Y.V.Prasad, GBSR Naidu, “Cellular Technologies: A Journey towards 5G”, International Conference on Electrical, Electronics, Signals Communication and Optimization (EESCO)-2015, Vignan's Institute of Information Technology, Duvvada, Visakhapatnam 24th – 25th January, 2015.
7. P.Ravi kumar, “Gain and Bandwidth Enhancement of a Circular Microstrip Patch Antenna Using an Air Layer between Two substrates”, International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO-2015), Vignan’s Institute of Information Technology, Visakhapatnam, on 24th to 25th January 2015.
8. M.Bala Krishna presented a paper titled “Comparison of Alamouti & MRC schemes over various channels for free space optics”, International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO-2015), Vignan’s Institute of Information Technology, Visakhapatnam, on 24th to 25th January 2015.
9. T.Geethamma presented & published a paper titled “Design and Implementation of Dynamic Partial Reconfiguration using adaptive evolvable Hardware”, International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO-2015), Vignan’s Institute of Information Technology, Visakhapatnam, on 24th to 25th January 2015.
10. T.Geethamma presented & published a paper titled “Robust Image Data Hiding designed for Semi-Fragile Image Authentication”, International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO-2015), Vignan’s Institute of Information Technology, Visakhapatnam, on 24th to 25th January 2015.
11. GBSR Naidu, DYV Prasad & D.Srinivasa Rao, “Improved performance of OFDM systems with reduced PAPR based on Channel Coding Techniques”, International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO-2015), Vignan’s Institute of Information Technology, Visakhapatnam, on 24th to 25th January 2015.

12. D.Y.V.Prasad, "Efficient Bandwidth and Improved Throughput OFDM Based Wireless Communication Networks", International Conference on Recent Advances in Communication, VLSI & Embedded Systems-2014 held at SR Engineering College, Warangal, Telangana, India during 19th -20th December, 2014.
13. G.Manmadha Rao, "Underwater Acoustic Channel Characterization for Sonar Applications in Indian Seas", International Conference Large Area and Flexible Micro Electronics (ILAFM 2014), R.V.College of Engineering, December 18th -20th, 2014.
14. D.Arun Kumar, "Design And Implementation of Mobile Operated Robotic Car (Without Using Micro-Controller) by DTMF", International conference on Advances in Engineering and Technology ICAET-2014, Hyderabad on 17th – 18th December 2014.
15. P.M.K.Prasad, "Lifting Biorthogonal Wavelet Design for Edge Detection", IEEE International Conference on High Performance Computing and Applications(ICHPCA) organized by C.V.Raman College of Engineering, Bhubaneswar, Odisha, 22nd -24th December, 2014
16. V.Jagan Naveen, "Diversity performance of OFDM system with CDD and almouti signaling using MISO Communication", International Conference Large Area and Flexible Micro Electronics (ILAFM 2014), R.V.College of Engineering, December 18th -20th, 2014.
17. P.M.K.Prasad, "Analysis of X-Ray images using MRA based Biorthogonal wavelets for detection of minute fractures" , IEEE International Conference on Science, Engineering & Management research(ICSEMR 2014) organized by Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai, Tamil Nadu during 27th -29th November, 2014 .
18. P.M.K.Prasad, "Color Image Coding Using a Novel Block Based Embedded Technique", 11th IEEE India conference INDICON 2014 -Emerging Trends and Innovation in Technology organized by IEEE Pune section, Maharashtra, India, during 11th - 13th December 2014.
19. GBSR Naidu, "High Performance OFDM Based Multi Relay Multi Pair Communication Networks" IEEE International Conference on Science, Engineering & Management research(ICSEMR 2014) organized by Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai, Tamil Nadu during 27th -29th November, 2014 .
20. N.V.Lalitha "A Novel Design of a Double Tail Comparator" in IEEE International Conference on Electronics, Communication and Computational Engineering (ICECCE 2014) organized by Adiyamaan College of Engineering ,Dr.MGR Nager, Hosur, during 17th -18th November 2014.
21. N.V.Lalitha, "Digital Audio Watermarking using 2-Level DWT", International Conference on Advancement in Engineering & Management organized by RISE Krishna Sai Groups of Institutions, Ongole during 10th -11th October 2014.
22. G.Suresh, "DRM Using Image Watermarking And Steganography", International Conference on Advancement in Engineering & Management organized by RISE Krishna Sai Groups of Institutions, Ongole during 10th -11th October 2014.

23. J.V.Suman, "Separation of HFM and NLFM Signals for Radar Using Fractional Fourier Transform" in 2014 International Conference on Communication and Network Technologies, organized by Department of ECE, MEPCO SCHLENK Engineering College, Sivakasi, Tamil Naidu, 18th -19th December 2014.
24. B.Anil Kumar, "Low Power and Minimize delay in WSN using DMP Scheme" in International Conference on Recent Advances in Communication, VLSI & Embedded Systems – 2014" organized by Department of ECE, SR Engineering College, Warangal, Telangana, India, 19th – 20th , December 2014.
25. D.Srinivasa Rao, "Efficient Bandwidth and Improved Throughput OFDM based Wireless Communication Networks" in International Conference on Recent Advances in Communication, VLSI & Embedded Systems – 2014" organized by Department of ECE, SR Engineering College, Warangal, Telangana, India, 19th – 20th , December 2014.
26. P.Devi Pradeep and G.Sanath kumar, "Design and Implementation of SOC for bottling plant using 64 bit RISC IP with BIST" on 3rd international conference on computing, communication and sensor networks,CCSN 2014,Rourkela, December 2014.
27. P.M.K.Prasad, "Design of Biorthogonal wavelets based on Parameterized filter for the analysis of X-Ray images", International Conference on Computational Intelligence in Data Mining ICCIDM-2014 (Springer conference) organized by Veer Surendra Sai university of Technology (VSSUT) Burla, Odisha, 20th -21st December 2014
28. P.M.K.Prasad, "Design of Area Optimized Sobel Edge Detection", International Conference on Computational Intelligence in Data Mining ICCIDM-2014 (Springer conference) organized by Veer Surendra Sai university of Technology (VSSUT) Burla, Odisha, 20th - 21st December 2014
29. P Ravi Kumar, "Implementation of Digital IIR filter using VHDL on VIRTEX -6 FPGA", in International Conference on Recent Advances in Communication, VLSI & Embedded Systems – 2014" organized by Department of ECE, SR Engineering College, Warangal, Telangana, India, 19th – 20th , December 2014.
30. Mr.D.Venkata Ramana, "An Adaptive Skip Mechanism for Bug Recognition Processor for Rooted Network Protection", October 10 & 11, 2014 at RISE College, Ongole.
31. M.V.Nageswara Rao, "Removal of Low and High Density Salt and Pepper Noise using Combination of Fuzzy Logic and Median Filter" , ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
32. P.M.K.Prasad, "Lifting Bi-orthogonal Wavelet Transform Based Edge Feature Extraction", ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
33. J.V.Suman "High Speed and Low Power Implementation of FIR Filter Designed using DADDA And WALLACE Tree Multiplier", ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala,10th October, 2014.
34. T.Geetamma, "Digital Image Noise Filtering Using Evolvable Hardware", ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering,

- Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
35. T.Geetamma, "An Informed Watermarking Scheme Using Hidden Markov Model in the Wavelet Domain" ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
 36. D.Tirumala Rao, "MIMO Radar Performance using Swerling Scattering Models" ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
 37. D.Srinivasa Rao, "MIMO OFDM downlink wireless system with reduced PAPR" ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
 38. K.Chiranjeevi, "TRI-DCT based fast back propagation algorithm" ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
 39. M.V.Nageswara Rao, "128 bit Advanced Encryption standard Algorithm implementation on FPGA" ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
 40. K.Krishna Kishore, "A NOVAL APPROACH TO DESIGN OF eddr Architecture for high speed motion estimation Testing Applications", A two day International conference EEECOS-2014, organized by Department of ECE, Dhanekula College of Engineering & Technology during 11th and 12th Oct 2014.
 41. B.Anil Kumar, "Power saving and Reducing transmission delay in WSN using DMP scheme" ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
 42. GBSR Naidu, "Performance Analysis of High Speed DDR 3 SDRAM controller" ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
 43. D.Tirumala Rao, "Design of a synthesizable pipelined MIPS core for embedded Applications" ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
 44. S.S.D.Kameshwari, "Coding of Multiple ROIs on Medical Images for wireless transmission" ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
 45. G.Manmadha Rao and D.Tirumala Rao, "Performance of modified Jacobi sequences with good merit factor" ICACSSCE-2014 an International conference conducted by Department of Computer Science and Engineering, Organized by St. Ann's College of Engineering and Technology, Chirala, 10th October, 2014.
 46. P.M.K.Prasad "Analysis of X-Ray Images based on Orthogonal Wavelets for detection of minute fractures", International Conference on Advances in Signal Processing and

Communications, organised by Narasaraopeta Engineering College, Guntur District during 4th -5th July, 2014.

International Journals:

1. D.V.Ramana, P.Devi Pradeep, “**An Efficient Low power CAM**”, International Journal of Modern Embedded System, Volume 3, Issue 1, March 2015.
2. P. Devi Pradeep, D.Arun Kumar, G.Sahu, “Estimating the target tracking using a set of range-parameters for gain modification using kalman filters”, International Journal of Microwave Enginerring (J Micro), Vol.1, No.1, pp.1-9, Feb 2015
3. BMS Sreenivasa Rao, “Performance analysis of range and doppler information for better (S/N) signal to noise ratio using pulse doppler radar”, International Journal of Advances in Science and Technology, Volume 1, Issue 2, pp 68-74, February 2015.
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2010-2011

International Conferences:

1. D.Srinivasa Rao "Image Enhancement using Integer Sequences based Windows" Kongu Engineering College, 27th to 29th Dec 2010.
2. B Biswal "Use of Change Detection in Pattern Recognition using support Vector Machine and Moving Sum Average Filter", MIPSCCON-2011, GMR Institute of technology, Rajam, Srikakulam District.
3. D.K Bebart, A.K Rout, B.Biswal, P.K Dash "A Soft computing Approach for Nonlinear Time Series Analysis and Prediction" the 1st International conference on Machine Intelligence application to Power, Signal Processing, Communication and Control (MIPSCCON-2011),GMRIT, India.
4. B I Neelgar, MS SSD Kameswari "Hybrid Image Compression using DWT and Neural Networks" MIPSCCON-2011, GMR Institute of technology, Rajam, Srikakulam District.
5. PMK Prasad "Directional Filter Design with subband coding for Image Processing Application" MIPSCCON-2011, GMR Institute of technology, Rajam, Srikakulam District.
6. PMK Prasad "Image denoising using Moving window-based Double Haar Wavelet Transform" MIPSCCON-2011, GMR Institute of technology, Rajam, Srikakulam District.
7. T.Prabhakar "Land Use and Land Cover Classification Using Remotely Sensed Image", MIPSCCON-2011, GMR Institute of technology, Rajam, Srikakulam District.
8. T.Prabhakar and G Vijayasanthi "Dynamic Compression Technique for Multimedia Applications" at MIPSCCON-2011, GMR Institute of technology, Rajam, Srikakulam District.
9. P.Devi Pradeep "Optimised FPGA Design of Entropy Decoding for H.264/Advanced Video coding" at MIPSCCON-2011, GMR Institute of technology, Rajam, Srikakulam District.
10. V Jagan Naveen and JV Suman "Maximum likelihood frequency estimation for C-OFDM system" at MIPSCCON-2011, GMR Institute of technology, Rajam, Srikakulam District.
11. G.Manmadha Rao "RADAR Target Detection using COSTAS chirp", MIPSCCON- 2011, GMR Institute of technology, Rajam, Srikakulam District.
12. D.Tirumala Rao "Solitons interaction group velocity dispersion management based on Schrodinger equation" MIPSCCON-2011, GMR Institute of technology, Rajam, Srikakulam District.
13. D.K Bebart, B Biswal, A.K Rout, M Biswal "Power signal classification using Adaptive wavelet Network" The IEEE International Conference on Communication, Control and Computing technologies. (ICCCCT'10), India.
14. B.Biswal, M.Biswal, M.V.Nageswara Rao "S-Transform Based Pattern Classifier for Non-Stationary Signals" IEEE INDICON 2010, Jadavpur University, Calcutta.

15. P.Akhendra Kumar, M.Venkata Subba Rao, B.Biswal, "Power Signal Classification Using Local Linear Neural Networks" the 1st International conference on Machine Intelligence application to Power, Signal Processing, Communication and Control (MIPSCCON-2011),GMRIT, India.

2010-2011

National Conferences:

1. B.Ravi Kiran, A.L Prasanthi, T Prabhakar and G Vijayasanthi "Analysis of Parabolic Reflector for its Effective Design", Vijnan's Lara Institute of Technology & Science,Vadlamudi-522213, Guntur District, 29th & 30th April 2011.
2. B Biswal, MV Nageswara rao & K Krishna Kishore "Binary sequence Design by using Modified Genetic Algorithm", Siksha O Anusandan Univerisity, 1st -2nd Oct 2010.
3. M.V.Nageswara Rao "A Comparative study of Detection capabilities of LFM and COSTAS sequences using Cross Ambiguity function Technique" GITAM University, Visakhapatnam 3rd & 4th Dec 2010.
4. T Prabhakar, AL Prasanthi, G Vijayasanthi and SSD Kameswari "Wavelet Based Multi sensor Image Fusion" GITAM University, Visakhapatnam 3rd and 4th Dec 2010.
5. L Govinda Rao, B Anil Kumar, T Geetamma and GBSR Naidu "Design and Implementation of a Novel16 Tap FIR Filter" at GITAM University, Visakhapatnam 3rd and 4th Dec 2010.
6. PMK Prasad "Derivative Operators Approach for Edge Feature Extraction" GITAM University, Visakhapatnam 9th & 10th Dec 2010.
7. B Biswal, M.V.Nageswara Rao, M.V.Suba Rao, P.Akhendra Kumar "Classification of Electric Signals based on S-transform and Neural Networks" National Conference on Advances in Electrical Power and Energy Systems (NCEPES -2010) SOA University, Bhubaneswar.
8. A.K Rout, D.K Beberta, B.Biswal "H-Infinity Dynamic Neural information systems for Data Mining Application in Energy Markets" National Conference on Advances in Electrical Power and Energy Systems (NCEPES -2010) SOA University, Bhubaneswar.

2009-10

International Journals:

1. Birendra Biswal "Power Quality time series data mining using S-Transform and Fuzzy expert system", International Journal of Applied Soft computing in Elsevier Science, Vol.10, Issue.3,pp 945 -955, 2009.

2009-10

National Journals:

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2009-10

International Conference:

1. Birendra Biswal and M.V.Nageswara Rao, "TT-ACO based Pattern Classifier" the 1st IEEE International Symposium on Biologically Inspired Computing and its Application, (BICA-09), BBSR
2. B.Biswal, D.K Bebarta, A.K Rout "PNN Based Pattern Classifier for Non-stationary Signals" the 1st International Seminar on "Artificial Intelligence and its Application" (AIA-09), GMRIT, RAJAM, A.P

2009-10

National Conferences:

1. V.Jagan Naveen, "Performance analysis of MC-CDMA and OFDM in wireless Raleigh channel in national conference", NCASP-09, AU, Visakhapatnam, 20th -21th Nov-2009.
2. V.Jagan Naveen and G.Manmadha Rao, "Performance evolution of active sonar pulse designs for reverberation processing", NCASP-09, AU, Visakhapatnam, 20th -21th Nov-2009.
3. G.Manmadha Rao, "Radar target detection using LFM chirp" NCASP-09, AU, Visakhapatnam, 20th -21th Nov-2009.
4. M.V.Nageswara Rao, and PMK.Prasad, "Indian MST radar observations for complementary code sequences", NCASP-09, AU, Visakhapatnam, 20th -21th Nov-2009
5. J.Venkata Suman, P.Devi Pradeep and V.Jagan Naveen "Low speed buses in Embedded system designs " Two-day national Conference on NCSPCS-10, RVR & JC College of Engineering, Guntur, 25th & 26th February 2010.
6. T.Prabhakar, J V Suman, P Devipradeep, V. Jagam Naveen "Noise suppression in speech signals using adaptive algorithms " Two-day national Conference on NCSPCS-10, RVR & JC College of Engineering, Guntur, 25th & 26th February 2010.

2008-09

International Journals:

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2008-09

National Journals:

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2008-09

International Conference:

1. G. Manmadha Rao “Radar detection using Linear Discrete time frequency modulation” ICSCI -09 (International Conference), Pentagram Research Center, Hyderabad 7th – 10th January 2009.

2008-09

National Conferences:

1. B.I.Neelgar, “Equivalent Network Parameter of a new Radiating Tranducer”, NSI -33, Andhra University, Visakhapatnam, A.P, DEC 2008.

2007-08

International Journals:

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2007-08

National Journals:

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2007-08

International Conference:

1. K.Murali Krishna “Performance comparison of wiener filter and CLS filter on 2D signals & inter carrier interference reduction of OFDM using Kalman filter”, International Conference on Systemics, Cybernetics and Informatics (ICSCI-08), Pentagram Research Center, Hyderabad, India, 2nd January 2008.
2. K.Murali Krishna “ICI cancellation of OFDM using EKF and linter carrier interference reduction of OFDM using Kalman filter”, International Conference on Systemics, Cybernetics and Informatics (ICSCI-08), Pentagram Research Center, Hyderabad, India, 2nd January 2008 .
3. D.Tirumala Rao “Complimentary and subcomplimentary pulse compression sequences – Indian MST radar observations”, International Conference on Systemics, Cybernetics and Informatics (ICSCI-08), Pentagram Research Center, Hyderabad, India, 2nd January 2008.
4. M.V.Nageswara Rao “Ternary Pulse compression sequence generation and its sidelobe reduction techniques”, International Conference on Systemics, Cybernetics and Informatics (ICSCI-08), Pentagram Research Center, Hyderabad, India, 2nd January 2008.
5. B.I.Neelgar “Analysis of segmentation of Femur by filtering techniques”, International Conference on Cognition and Recognition (ICCR), P.E.S college of Engg., Mandya, Karnataka, 10th -12th April 2008.
6. B.I.Neelgar “Reduction of Power Dissipation in Sequential Circuits”, International Conference on Embedded systems & VLSI design, P.D.V.V.P College of Engineering, Ahmed Nagar, Maharashtra State, 20th -21st March 2008.

2007-08

National Conference:

1. B.I.Neelgar “Design of Low Power sequential circuits using clock gating”, National Conference (NCSEC-08), 20th -22nd February 2008.

2006-07

International Journals:

- 1.V.Jagan Naveen and G.Manmadha rao “New figures of merit for Range- resolution Radar using Hard and soft decision concepts” WSEAS Transactions of Signal Processing, Issue.3 Vol.3 ISSN (1790-5022), March 2007

2006-07

National Journals:

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2006-07

International Conference:

1. P.M.K.Prasad, M.V.Nageswara Rao and G.Manmadha Rao “MIMO-OFDM Channel estimation using special training sequences”, ICSCI-07(International Conference), Pentagram Research Center,03th -07th Jan 07.
2. V.Jagan Naveen “Performance Study of wireless LAN IEEE 802.11a PHY”, ICSCI-07 (International Conference), Pentagram Research Center, Hyderabad 03th -07th Jan 07.
3. D.Tirumala Rao “Progressions of binary pulse compression, Pentagram Research Center”, ICSCI-07(International Conference), Pentagram Research Center, Hyderabad03th -07th January 2007.

2006-07

National Conferences:

1. P.M.K.Prasad “Side lobe cancellation using pade approximation technique”, Zonal seminar on Emerging Communication Technologies (SECT-07), IETE Visakhapatnam, Centre, 10th -11th Feb 2007.
2. G.Manmadha Rao “Stepped LFM and NLFM Waveform Comparative Studies for Range-resolution Radar”, Zonal seminar on Emerging Communication Technologies (SECT ‘07), IETE Visakhapatnam centre during 10th -11th Feb 2007.
3. V.Jagan Naveen “V-blast architecture for wireless communications in Multipath environment, SECT-07 (Zonal seminar on Emerging communication Technologies), IETE Visakhapatnam, Centre, 10th -11th Feb 2007.
4. D.Tirumala Rao “Performance Analysis of chu and Frank sequences for range resolution Radar”, SECT-07 (Zonal seminar on Emerging communication Technologies), IETE Visakhapatnam, Centre, 10th -11th Feb 2007.
5. M.V.Nageswara Rao “Ternary pulse compression sequence using Logistic Algorithm Approach, SECT-07(Zonal seminar on Emerging communication Technologies),IETE Visakhapatnam, Centre, 10th -11th Feb 2007.

2005-06

International Journals:

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2005-06

National Journals:

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2005-06

International Conference:

1. G.Manmadha Rao and V.Jagan Naveen “Peak to Average Power Control in OFDM using multiple signal representation”, ICSCI-06(International Conference), Pentagram Research Center, 04th -08th Jan 2006.
2. D.Tirumala Rao “Performance Analysis of RADAR Signals”, ICSCI (International Conference), Pentagram Research Center, 04th -08th Jan 2006.
3. M.V.Nageswara Rao “Performance of Non-Gaussian / Nonlinear Systems Using Particle”, NCSC-2006 (International Conference) Bhubaneswar, Orissa, 24th -26th March, 2006.

2005-06

National Conferences:

1. G.Manmadha Rao and V.Jagan Naveen “ Isolated Word Recognition using Vector Quantization and Hidden Markov Models”, RACE-05(National Conference), SRKR 18th & 19th Jun 2005.
2. G.Manmadha Rao “Waveform Modeling for High Performance RADAR Systems, NCSC-06 (National Conference”, College of Engg, Bhubaneswar, 24th -26th Mar 2006
3. V.Jagan Naveen “Performance of Non-Gaussian / Nonlinear Systems Using Particle Filters”, NCSC-06 (National Conference, College of Engg, Bhubaneswar, 24th -26th Mar 2006.
4. D.Tirumala Rao “Simulation of CDMA System”, RACE-05 (National Conference),SRKR Engg College, 24th &25th Jun 2005.

5. D.Tirumala Rao, Progressive bounds on New Quality Factor Comparative Study of Coded Value, NCSC-06(National Conference, College of Engg, Bhubaneswar, 24th -26th Mar 06.