

AY 2020-21

Book

1. Dr.N.S.M.Sarma **Dr.M.L.N.Acharyulu** T.Ramaswamy, Investigation on routing methods in low power VLSI Scenario, scholars press, Europe , June , 2021 ISBN: 978-613-8-95526-9

Book Chapters

1. **Dr. M. Ramana Reddy**, "Design of Static CMOS 16 Bit High Speeds and Low Power Consumption Hybrid Adder Circuit using Brent Kung Adder", is ACCEPTED for publication as a book chapter in the following book: New Approaches in Engineering Research (International Book) (Acceptance received on Feb 13th 2021)
2. **Dr. K Suman** Reconfigurable Antennas in "Next-Generation Antennas: Advancements and Challenges" under the Wiley-Scrivener imprint. (Under printing)
3. **Nagadevi Darapureddy** "A Comprehensive study on Artificial Intelligence and Robotics for Machine Intelligence" in "Methodologies and Applications of Computational Statistics for Machine Intelligence" Published by IGI Global, ISBN 13: 9781799877011, ISBN10: 1799877019, May, 2021.DOI:10.4018/978-1-7998-7701-1.
4. **P. Sathish and D. Krishna Reddy**, "Study of IRNSS Receiver Doppler Positioning in Kinematic Conditions", Recent Developments in Engineering Research Vol. 3, Book Publisher International, Print ISBN: 978-81-947979-4-4, eBook ISBN: 978-93-90206-97-1, Chapter 8, pp. 134-145, bp.bookpi.org/index.php/bpi/catalog/book/261, DOI: 10.9734/bpi/rder/v3, September 2020.
5. **Nagadevi Darapureddy** "Significance of festivals and understanding Cultural heritage" in "Indian Culture" Published by Akhand Publishing House, ISBN: 978-81-947937-2-4, 2020.
6. **N Alivelu Manga** "Performance Analysis of Algorithms for NavIC Signal Acquisition Current Topics on Mathematics and Computer Science Vol. 1, 26 May 2021, Page 17-27 <https://doi.org/10.9734/bpi/ctmcs/v1/8939D>.
7. **G. Mallikharjuna Rao**, "Determination of Information Security Using Cryptography and Image Steganography", Advanced Aspects of Engineering Research Vol. 16, Chapter 7, B P International, pp. 75-94, 2021

International Journals

1. **M. Ramana Reddy**, "Implementation of SVM Machine Learning Algorithm to Predict Lung and Breast Cancer", "Turkish Journal of Computer and Mathematics Education" with ISSN: 1309-4653, 2021. (Scopus Indexed)

2. **Mounika Jammula** (2021). Content Based Image Retrieval System Using Integrated ML and DL-CNN. *Annals of the Romanian Society for Cell Biology*, 9656–9666. (Scopus Indexed)
3. **S. P. Sahoo**, S. Ari, K. K. Mahapatra and S. P. Mohanty, “HAR-Depth: A Novel Framework for Human Action Recognition using Sequential Learning and Depth Estimated History Images”, in *IEEE Transactions on Emerging Topics in Computational Intelligence*, 2020. (doi: 10.1109/TETCI.2020.3014367) (SCIE)
4. **N. Alivelu Manga, P.Sathish**, “ Plant Disease Classification using Residual Networks with MATLAB”, *Turkish Journal of Computer and Mathematics Education*, Vol.12 No.10 (2021), 3923-3933, 28April 2021. (Scopus Indexed)
5. **Satyavati Jaga**, "Identifying Brain tumor presence using Support Vector Machine", *Journal of Critical Reviews*, ISSN- 2394-5125, VOL 7, ISSUE 15, 04th July 2020.
6. **A.Vani**, “A Virtuous Reckoning on security enhancement of mobile Adhoc network using artificial intelligence”, *International Journal of Future Generation Communication and Networking* Vol. 14, No. 1, (2021), pp. 909–924
7. **A.Vani**, “Deplete And Discernment Of Security Hazards In Mobile Ad-Hoc-Networks (Manet) Using Artificial Intelligence”, *International Journal of Future Generation Communication and Networking*, Vol. 14, No. 1, (2021), pp. 925–942
8. **PanyamNarahariSastry**, Mohammed Sameer Syed, "Recognition of Face Emotion using Convolutional Neural Network", *International Journal of Innovative Technology and Exploring Engineering (IJITEE)* ISSN: 2278-3075, Volume-9, Issue-9, July 2020.
9. **G.MallikharjunaRao**, "Information Security Using Cryptography and Image Steganography", *IJRTE journal*, ISSN: 2277-3878, Volume-9 Issue-2, July 2020
10. **T. AravindaBabu, K.S.R.S. Jyothsna**, "Iot Based Human Health Monitoring System", *International Journal of Recent Technology and Engineering (IJRTE)*, ISSN: 2277-3878, Volume-9 Issue-2, July 2020, DOI:10.35940/ijrte. B3647.079220.
11. K. NavyaSree, **G. MallikharjunaRao**, "IoT Based Low Cost and Ageing Healthcare Monitoring System", *International Journal of Engineering and Advanced Technology (IJEAT)*, ISSN: 2249-8958, Volume-9 Issue-6, August 2020, DOI: 10.35940/ijeat. F1192.089620.
12. **B. Neeraja, N.V. KoteswaraRao** and B. RajendraNaik "Detection and Analysis of Closely Spaced Multiple Targets Using Modified Music Method", *Journal of Advanced Research in Dynamical and Control Systems*, VOLUME 12, August 2020, Pages: 2857-2865. (Scopus) DOI : 1 0.5373/ JARDCS/ V12SP7 /20202427.

13. Raga Sai K, **Alivelu Manga N**, “Design and Verification of AMBA AHB Lite Customized Slave Memory using Vivado”, Journal of Xidian University, VOLUME 14, ISSUE 8, August 2020, ISSN No:1001-2400. (Scopus Indexed)
14. **P.Sathish**, Ayesha Samreen, **N. Alivelu Manga**(2020), “Monitoring of Patient Critical Health Parameters by using a Low-Cost IoT based System”, Journal of Xidian University, VOLUME 14, ISSUE 8, August 2020, ISSN No:1001-2400.(Scopus Indexed)
15. G. SaiTeja , **P. Sathish** , **N. Alivelu Manga** (2020) “Development of Voice Assisted Application for Real-Time Refrigerator Door control”, Journal of Xidian University, VOLUME 14, ISSUE 7, July 2020, ISSN No:1001-2400.(Scopus Indexed)
16. **SathishPasika**, SaiTejaGandla “Smart water quality monitoring system with cost effective using IoT” Heliyon Journal Elsevier Publication e04096, ISSN: 2405-8440, Vol:6 Issue:7, July-2020(SCIE)
17. SarvadeVenkataManogna, **P. Chandra Sekhar**, "Vertical-Horizontal Binary Common Sub-Expression Elimination based FIR Filter using XOR and MUX based Adder for DWT Applications", IJMTE, Vol:X, Issue VII, Jul-20, ISSN: 2249-7455
18. G. SaiTeja, **P. Sathish** “MQTT Protocol based Smart Greenhouse Environment Monitoring System using Machine Learning” International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-3075, Vol:9 Issue:9, July-2020.
19. M. Udaya, **D. Sony**, **Dr.D. Krishna Reddy**, "Design of IRNSS Tracking System using 1.5-bit ADPLL and Correlator", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-10, August 2020.
20. Rajendra Prasad M, **Krishna Reddy D**, "LWTSM-IoT: Light Weight Trust Sensing Mechanism for Internet of Things", International Journal of Intelligent Engineering and Systems", Vol 14, Issue 1, pp 82-92, Sep-20, DOI:10.22266/ijies2021.0228.09.(Scopus)
21. **P. Sathish**, **D. Krishna Reddy** , " Predictive Data Optimization of Doppler Collision Events for NavIC System", Advances in Intelligent Systems and Computing, Vol 979, Issue 13, pp 583-589, Aug-20, DOI: 10.1007/978-981-15-3215-3_57.(Scopus Indexed)
22. **Nagadevi Darapureddy**, Nagaprakash Karatapu, Tirumala Krishna Battula “Comparative Analysis of Texture Patterns on Mammograms for Classification” in Traitement du Signal, April 2021, Vol. 38, Issue 2, pp.379-386. DOI:10.18280/ts.380215 (SCIE Journal)
23. **Nagadevi Darapureddy**, Nagaprakash Karatapu, Tirumala Krishna Battula “Local Derivative Vector Pattern: Hybrid Pattern for Content Based Medical Image Retrieval”

in Review of Computer Engineering Studies on December 31, 2020. Vol. 7, Issue 4, pp.79-86 DOI: 10.18280/RCES.070401

24. **Nagadevi Darapureddy**, Nagaprakash Karatapu, Tirumula Krishna Battula, "Optimal weighted hybrid pattern for content based medical image retrieval using modified spider monkey optimization", International Journal of Imaging Systems and Technology", Sep, 2020, DOI:10.1002/ima.22475 (SCIE Journal)
25. Ayesha Samreen, AmtulMohiminTaha, YasaVishwanath Reddy, **P. Sathish**, "Brain Tumor Detection by Using Convolution Neural Network", International Journal of Online and Biomedical Engineering, Vol: 16, Issue 13, pp58-69, Oct-20, DOI:10.3991/ijoe.v16i13.18545.(Scopus Indexed)
26. **N. A. Manga**, K. Lakshmana, **A. D. Sarma**, and T. K. Pant, "Analysis of Correlation Between Roti and S4 Using Gagan Data", PIER M, Vol99, pp23-34, November,2020, DOI:10.2528/PIERM20101405. (Scopus Indexed)
27. **M.V.Sireesha**, Dr.P.V.Naganjaneyulu, Dr.K.Babulu, "A Sturdy Nonlinear hyperspectral Unmixing", IETE Journal of Research, Nov-20. <https://doi.org/10.1080/03772063.2020.1838345>. (SCIE)
28. Manikya Krishna Chaitanya Durbhakula and **N.V. Koteswara Rao**, "Wideband rotated square slot microstrip antenna with tuning stub", Elsevier-Materials Today: Proceedings, October 2020, <https://doi.org/10.1016/j.matpr.2020.09.633> (Scopus Indexed)
29. J. Rajeshwar Goud, **N. V. Koteswara Rao**, and A. M. Prasad, "Design of Triple Band U-Slot MIMO Antenna for Simultaneous Uplink and Downlink Communications," Progress In Electromagnetics Research C, Vol. 106, 271-283, November 2020. doi:10.2528/PIERC20082403. (Scopus Indexed)
30. **M. L. N. Acharyulu**, K. Suhitha Lakhi Reddy, B. Haripriya, G. K. Sai Teja, "A Novel Approach of ONOFIC Method to the Minimization of Leakage Power in CMOS Circuits", Journal of Electronic Design Engineering, Volume-7, Issue-1 (January-April, 2021).
31. **A.Krishna Kumar**, D.Deepika, "Automated Monitoring Of Crop Type Statistics, Using Image Classification", International Journal of Software & Hardware Research in Engineering (IJSHRE),ISSN-2347-4890, olume 9 Issue 4 April 2021 Volume 9 Issue 3, pp 1-6, March 2021.
32. B. Indira Priyadarshini and **Dr. D. Krishna Reddy**, "Optimized adaptive neuro fuzzy inference system (OANFIS) based EEG signal analysis for seizure recognition on FPGA", Biomedical Signal Processing and Control 66 (2021) 102484, <https://doi.org/10.1016/j.bspc.2021.102484>, pp.1-15, Feb 2021 (SCIE)
33. **M.Ramana Reddy**, "Low Noise and High Linearity Wide-Band Low Noise Amplifier

For 5G Receiver Front End System", 'International Journal of Innovative Technology and Exploring Engineering' that will publish at Volume-10 Issue-6, April 2021 in Regular Issue on 30 April 2021.

34. **Dr. K Suman**, " Reconfigurable Antennas and its recent developments", Turkish Journal of Computer and Mathematics Education Vol.12 No.13(2021), ISSN 2333-2338, July 4, 2021 (Scopus Indexed), Impact Factor – 0.32.
35. **A Krishna Kumar**, "Area Efficient Carry Select Adder Using Parallel Prefix Adder Structure", International Journal of Future Generation Communication and Networking Vol. 14, No. 1, (2021), pp. 1496-1506
36. D.Deepika, **A. Krishna Kumar**, "Medical Image Fusion Based On Feature Extraction And Sparse Representation", Turkish Journal of Computer and Mathematics Education Vol.12 No.9 (2021), ISSN: 1568-1576 (Scopus Indexed)
37. **N. Alivelu Manga**, V.V. Satyanarayana Tallapragada, **G.V. Pradeep Kumar**, R. Sai Prasad Goud, "Design of High-Speed Low Power Computational Blocks for DSP processors", REVISTA GEINTEC-GESTAO INOVACAO E TECNOLOGIAS, Vol. 11 No. 2, June 2021, ISSN: 2237-0722, pp. 1419-1429 (Web of Science)
38. V V Satyanarayana Tallapragada, **G V Pradeep Kumar**, D Venkat Reddy, K L Narasimha Prasad, "Image Denoising Using Low Rank Matrix Approximation in Singular Value Decomposition", REVISTA GEINTEC-GESTAO INOVACAO E TECNOLOGIAS, Vol. 11 No. 2, June 2021, ISSN: 2237-0722, pp. 1430-1446. (Web of Science)
39. **G. V. Pradeep Kumar**, Vamshi Krishna Motru, Ch Mvn Sai Teja Prashanth, "Vulnerability Assessment in Web based Applications", Volume 9, Issue V, International Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No: 1563-1568, ISSN: 2321-9653, May 2021, DOI: <https://doi.org/10.22214/ijraset.2021.34604> (UGC CARE)
40. **G. V. Pradeep Kumar**, J. Sarayu, K. Sreeja, D. Teena, "Building a Chatbot for the Department of ECE using Flask", Volume 9, Issue VI, International Journal for Research in Applied Science and Engineering Technology (IJRASET), June-2021 pp. 32-40, ISSN: 2321-9653, DOI: <https://doi.org/10.22214/ijraset.2021.34865> (UGC CARE)
41. **N. Alivelu Manga**, **G. V. Pradeep Kumar**. "Self-Interference Cancellation in Full Duplex Communication using Steepest Descent Method", Volume 9, Issue VI, International Journal for Research in Applied Science and Engineering Technology (IJRASET), June-2021 pp. 1433-1442, ISSN: 2321-9653, DOI: <https://doi.org/10.22214/ijraset.2021.35281> (UGC CARE)

42. **M. V. Naga Bhushanam, G. V. Pradeep Kumar**, "Real Time Night Vision Surveillance using Improved Dark Channel Prior", Volume 9, Issue VI, International Journal for Research in Applied Science and Engineering Technology (IJRASET), June-2021 pp. 1581-1590, ISSN: 2321-9653, DOI: <https://doi.org/10.22214/ijraset.2021.35281> (UGC CARE)

43. **A. Vani**, N. Suresh Reddy., M. Parsharamulu. N.Mahesh.” Implementation of Smart Farming using IoT” Asian Journal of Applied Science and Technology (AJAST), Volume5,Issue 2, Pages 58-67, April-June 2021. DOI:<http://doi.org/10.38177/ajast.2021.5208>

44. **P. Sathish, N. Alivelu Manga**, “ Investigation of Doppler Collision Effects in Kinematic Conditions and its Mitigation for NavIC System”, Alinteri Journal of Agricultural Sciences, e-ISSN: 2587-2249, (June 2021) 36(1): 41-549 DOI:10.47059/alinteri/V36I1/AJAS21077 (WoS)

45. **G. Mallikharjuna Rao**, “Implementation Of Movement Detection And Tracking Objects From Video Frames Using Image Processing”, Turkish Journal of Computer and Mathematics Education Vol.12 No.12, pp.1860-1868, May 2021 (Scopus Indexed)

46. **G.Mallikharjuna Rao**, Haseena Palleb, Pragna Dasaric, Shivani Jannaikode, “Implementation of Low Cost IoT Based Intruder Detection System by Face Recognition using Machine Learning”, Turkish Journal of Computer and Mathematics Education Vol.12 No.13, pp. 353-362, April 2021(Scopus Indexed)

47. **G. Mallikharjuna Rao**, Akshith Aluguri, Minuka Prajay Reddy, Medidi Ajay Srikar, “Design and Implementation of Autonomous Vehicle with Lane Tracking and Sign Detection using Machine Learning”, Design Engineering (Toronto), Vol. 2021, Issue 6,pp. 182 - 204, 2021. (Scopus Indexed)

48. **D Sony** ; N Krishna Sandeep Reddy ; R V Krishna Sathvik ; Palle Vivek Goud, "A Smart Parking System Using M2M Communication", International Journal of Electrical Engineering And Technology, Volume 12, Issue 5, May 2021, pp. 109-115 (Scopus Indexed)

49. **D. Sony**, P. Keerthi, O. Aditya & N. Sravya,"Simulation and Performance Analysis of Interleave Division Multiple Access (IDMA) in Comparison with Code Division Multiple Access (CDMA)", Asian Journal of Applied Science and Technology (AJAST) Volume 5, Issue 2 Pages 90-94, April-June 2021.

50. **N Dhana Lakshmi**, Peddi Gayatri,"DESIGN OF WOMEN SAFETY AND SECURITY SYSTEM",International Journal of Electrical Engineering and Technology (IJEET), Volume 12, Issue 6, June 2021, pp. 453-458.

51. P.S Pandey, Dr.D.E Chaitanya, **Dr. Vinodh Kumar Minchula**, Dr.T.AB, Dr.V.Premchandran, Dr.Keerthika T, “Iot-Enabled Wireless Sensor Networks For Controlled and Safe Routing”, International Journal of Aquatic Science, ISSN: 2008-8019, Vol. 12, Issue 2, June 26th 2021 pp. 1712-1718. (WOS Indexed Thomson Reuters (ISI) Journal)
52. **Satyavati Jaga**, "Hand Detection and Tracking Using Opencv And Python", International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 11, Issue 12, December 2020, pp.3261-3266,ISSN Print: 0976-6480 and ISSN Online: 0976-6499 DOI: 10.34218/IJARET.11.12.2020.307 (Scopus Indexed).
53. **K.S.R.S. Jyothsna, T.Aravinda Babu**, “Possible solutions for Interference Coordination in HETNETS of LTE-A”, International Journal of Electrical Engineering and Technology (IJEET) , Volume 12, Issue 5, pp. 171-178, May 2021. (Scopus journal)
54. **T.Aravinda Babu, K.S.R.S. Jyothsna**, “Performance analysis of Video Steganography using DWT-BCH method”, International Journal of Electrical Engineering and Technology (IJEET) Volume 12, Issue 6, pp. 242-250, June 2021.
55. **J. Balakrishna**, "Design and Implementation of RFID Controller using Verilog HDL",International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429.
56. **J. Balakrishna**, "FPGA based Design and implementation of Triple Error Detection and Correction Algorithm using BCH Codes", International Journal of Creative research Thoughts, Volume 9, Issue 6 June 2021 | ISSN: 2320-2882.
57. **Supraja Reddy A** and Haritha G, “Analysis of Temporal Variations of TEC with Ionospheric Activity at Low Latitude Station” Proteus Journal, Vol.12, Issue.07, June 2021. (WoS)
58. **Supraja Reddy Ammana.**, “Overview of Real-Time GNSS Spoofing Attacks and Consequences” Journal of Interdisciplinary Cycle Research”, Volume XIII, Issue VI, June 2021, pp.1658-1662.
59. **E.Chandrasekhar**, Sai kiran reddy Govindugari, Saiteja Donthineni, Charanteja Abbavathini “Smart Glove for Blind” International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 9 Issue V May 2021.
60. **E.Chandrasekhar , P.Chandra Sekhar** “Plant Monitoring System using Image Processing”, || Volume 10, Issue 6, June 2021 || | DOI:10.15680/IJRSET.2021.1006407 | International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) page N0:8306-8312,ISSN,2319-8753

61. **E.Chandrasekhar** "Vehicle Health Monitoring System", International Journal of Creative Research Thoughts (IJCRT), IJCRT | Volume 9, Issue 6 June 2021 | ISSN: 2320-2882 page No 580-585.
62. Lenin Naragani, **N. V. Koteswara Rao** and Kumara Swamy K, "A Compact Low Profile Inverted-F Multi Band Antenna (IFMBA) System for Wifi – Wlan - Wimax Applications", International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 12, Issue 5, May 2021, pp. 51-58, ISSN Print: 0976-6480 and ISSN Online: 0976-6499, DOI: 10.34218/IJARET.12.5.2021.005.
63. Kumara Swamy K, **N. V. Koteswara Rao** and Lenin Naragani, "A Shared Aperture Multifunction Dual Polarized Dual Band Antenna for Base Station Applications", International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 12, Issue 5, May 2021, pp. 59-68, ISSN Print: 0976-6480 and ISSN Online: 0976-6499, DOI: 10.34218/IJARET.12.5.2021.006.
64. **Dr. Panyam Narahari Sastry**, "Performance Analysis of Median and Wiener Filters in Image Denoising", Design Engineering(Toronto)ISSN: 0011-9342 | Year 2021, Issue: 6 | Pages: 872 - 892.(Scopus)
65. **Dr. Panyam Narahari Sastry**, Karanam Deepak, "Analysis and Identification of Aeroplane Images using Transform based Methods", Turkish Journal of computer and Mathematics Education, Vol 12, Issue 13(2021), pp 343-352. (Scopus)
66. **Dr. Panyam Narahari Sastry**, Karanam Deepak, "Analysis and recognition of animals in zoo using transform based techniques", Turkish Journal of computer and Mathematics Education, Vol 12, Issue 13(2021), (Scopus)
67. **Satyavati Jaga**, Dr.K.Rama Devi², "A Crystal view on Brain Tumor Detection Methods", Design Engineering (Toronto),ISSN: 0011-9342 | Year 2021 Issue: 6 | Pages: 3341- 3346 (Scopus)
68. Maansa krovvidi, Krishna Geethika, Srinija Lankala, **Sai Krishna Kondoju** "Performance Analysis of ZF-SIC and MMSE Equalizers for MIMO system in the presence of Alpha(α)-MU(μ) Fading channel", International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 9, Issue 5, May 2021, pp.2206-2215
69. **P.Chandra Sekhar**, Shravani Reddy Voddula, Srikanth Gavide, Varun Masku "Design of GaAs based LNA at 26 GHz Band", International Journal of Creative Research Thoughts (IJCRT), Volume 9, Issue 6, June 2021,ISSN:2320-2882.
70. **Ch.Navitha**, Iterative Channel Estimation for GFDM System Based on MAP Algorithm, International journal of Applied Sciences, Engineering and Management , vol no: 09, Issue no: 06, pp: 06-09, November 2020, ISSN: 2320- 3439.
71. **CH. Navitha**, Maximal Ratio Combining Based Rake Receiver for UWB Communications, International Journal of Applied Sciences, Engineering and Management, vol no: 10, Issue no: 03, pp: 06-12, May, 2021, ISSN: 2320- 3439.

International Conference

1. Varala Pasula Nikhila, **N. Alivelu Manga**, "Design and Analysis of Approximate Lower-Part OR Adder for Low Power Computations", 1st International Conference on Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021), CBIT (A), 3-4 April 2021.
2. Jyothsnavi Kuppili , Abhiram MSD , **N. Alivelu Manga**, " Design of Vedic Mathematics based 16 bit MAC unit for Power and Delay Optimization", IEEE & IAS Technically Co-Sponsored 4 th Biennial International Conference on Nascent Technologies in Engineering ICNTE - 2021 January 15-16, 2021.
3. V. V. Satyanarayana Tallapragada1, **N. Alivelu Manga** , **M. V. Nagabhushanam** , M. Venkatanaresh, "Greek Handwritten Character Recognition using Inception V3", 3rd International Conference on Smart Systems: Innovations in Computing, Manipal University Jaipur, 22-23 January 2021.
4. **Nagadevi Darapureddy** "Integration of Artificial Intelligence And Internet of Things with Blockchain Technology" in International Conference on Computational and Bio Engineering jointly Organized by Departments of Computer Science, Bio Sciences & Sericulture, Sri Padmavati Mahila Visvavidyalayam (Women's University) Tirupati, Andhra Pradesh, India held during 4th & 5th December 2020.
5. **NeerajaBandi**, R. Ramavath and S. K. Meda, "Design and Analysis of PTL based Basic gates and Adder with Improved Performance," 2020 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT), Bangalore, India, 12th and 13th Nov 2020, pp. 184-188, doi: 10.1109/RTEICT49044.2020.9315581.
6. **D.Sony, Dr.D.Krishna Reddy**, Dr.P.Naveen Kumar, "Statistical Characterization of IRNSS Satellite Clock Error for Receiver Autonomous Integrity" in an international conference "Third International Conference Soft Computing and Signal Processing" (ICSCSP-2020) organised by Malla Reddy College of Engineering & Technology, Hyderabad, India during 21st-22nd August 2020.
7. **T.Sridher, A.D.Sarma**, P.Naveen Kumar and K.Lakshmana, "Results of Indoor Localization using the Optimum Pathloss Model at 2.4 GHz", URSI GASS 2020, Rome, Italy, 29 August-5 September 2020.
8. Sree Naresh Krishna Chama, Satyanarayana Katukojwala, **Supraja Reddy Ammana**, Shivank Agarwal, Varun Kumar Reddy and A.D.Sarma "Design and Development of NavIC and GPS based Geolocation System for CO2 Monitoring", International

Conference on Innovative Practices in Technology and Management.. 17-19 Feb 2021, Amity University, Noida.

9. Komal Kumar S, **Supraja Reddy A**, HariChandana R, **Sarma A.D** " Simplistic Spoofing of GPS Enabled Smartphone" 2020 IEEE WIE Conference on Electrical and Computer Engineering, 26-27 Dec 2020, Bhubaneshwar, India.
10. **D.Sony**, S.Chandravadhan, **Dr.D.Krishna Reddy**, Dr.P.Naveen Kumar, "Satellite Selection Algorithm for RAIM Algorithms", International Conference On Emerging Trends In Circuit -Branch Technologies And Applications-2021", CBIT, Hyd during 03rd and 4th April 2021.
11. **D.Sony**, JB Farheen, **Dr.D.Krishna Reddy**, Dr.P.Naveen Kumar,"Integrity Monitoring of GNSS using Ztest", International Conference On Emerging Trends In Circuit -Branch Technologies And Applications-2021", CBIT, Hyd during 03rd and 4th April 2021.
12. Sree Naresh Krishna Chama, Satyanarayana Katukojwala, **Supraja Reddy Ammana**, Shivank Agarwal, Varun Kumar Reddy and **A.D.Sarma** "Design and Development of NavIC and GPS based Geolocation System for CO2 Monitoring", International Conference on Innovative Practices in Technology and Management.. 17-19 Feb 2021, Amity University, Noida.
13. V. V. Satyanarayana Tallapragada, I. Kullayamma, **G. V. Pradeep Kumar**, M. Venkatanaresh, "Significance of Internet of Things (IoT) in Health Care with trending smart Application", 3rd International Conference on Smart Systems: Innovation in Computing during 22-23 January 2021 at Manipal University, Jaipur, India
14. **A.D. Sarma**, K. Lakshmana and **T. Sridher**, 'A Simple Model for Forecasting Confirmed COVID-19 Cases in a Given System', International Conference on Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021) 03-04 April 2021.
15. **N. R. Misra**, S. Kumar and A. Jain, "A Review on E-waste: Fostering the Need for Green Electronics," 2021 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS), Greater Noida, India, 2021, pp. 1032-1036, doi: 10.1109/ICCCIS51004.2021.9397191
16. K.Tarun, N. Vinay reddy, T. Akhilesh, **P. Sathish** " Analysis of Doppler Collision using Supervised Machine Learning" Fifth IEEE International Conference on Intelligent Computing and Control Systems (ICICCS 2021) during 6-8 May, 2021 Organized by Vaigai College of Engineering, Madurai, India.

17. Nikhila Raj Nitta, Vyshnavi Cheedepudi, Abhishek Adire, **T Sridher**, "Preliminary Result of COVID-19 Detection through Chest X-Ray using Artificial Intelligence", International Conference on Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021) 03-04 April 2021.
18. Satya Sai Kiran Talla, **T. Sridher** has presented a paper titled A Prototype Wi-Fi Controlled Car using NodeMCU in the International Conference on "Emerging Trends in Circuit branch Technologies and Applications" virtually on 3 rd -4 th April 2021 at Chaitanya Bharathi Institute of Technology (A), Hyderabad – 500 075, Telangana, India.
19. B.Hari Prasad Naik, A.Gopal, **Dr.D. Krishna Reddy**,"Design and Analysis of High Speed Parallel Meander Transmission Lines", International Conference on "Emerging Trends in Circuit branch Technologies and Applications" virtually on 3 rd -4 th April 2021 at Chaitanya Bharathi Institute of Technology (A), Hyderabad – 500 075, Telangana, India.
20. M.Ranjendra Prasad, **Dr.D. Krishna Reddy**,"Trust Computational Methodology for an Internet of Things", International Conference on "Emerging Trends in Circuit branch Technologies and Applications" virtually on 3 rd -4 th April 2021 at Chaitanya Bharathi Institute of Technology (A), Hyderabad – 500 075, Telangana, India.

National Conference

1. **Nagadevi Darapureddy** "An Insight into Women Academicians problems in the Covid-19 Pandemic" in two day national conference on Role of women in Self-Empowerment and Leadership (RWSL-2020) during 25-26th November 2020 by Sri Venkateshwara Degree and PG College, Ananthapuramu.
2. **Nagadevi Darapureddy**, Dr. NagaprakashKaratapu, Dr. Tirumala KrishnaBattula attended and presented a paper titled "Comprehensive study on Content Based Medical Image Retrieval" in the National Conference on Recent Trends in Electronics & Communications Engineering on August 14, 2020. ISBN: 978-93-87113-22-0