

AY 2023-24
International Conferences

1. **Hamsika, R.G. (160120735063), Radha, S., Sandesh, S.(160120735167), Damara, S.(160120735166), Kola, S.G.(160120735162),** Nagabushanam, P. (2024). "Survey on Antennas for Different Cancers and Tumor Detection." In *Intelligent Systems Design and Applications*. ISDA 2023. Lecture Notes in Networks and Systems, vol 1052. Springer, Cham. DOI: [10.1007/978-3-031-64776-5_31](https://doi.org/10.1007/978-3-031-64776-5_31), 11-13 December 2023.
2. **Nisheeth Charan, K.Y. Reddy, (160120735119),** Radha, S., Vasanth, K., Let, G.S., Nagabushanam, P. (2024). "UAV and SAT Images to Monitor Climate Conditions and Crop Yielding – a Survey." In *Intelligent Systems Design and Applications*. ISDA 2023. Lecture Notes in Networks and Systems, vol 1052. Springer, Cham. DOI: [10.1007/978-3-031-64776-5_44](https://doi.org/10.1007/978-3-031-64776-5_44), 11-13 December 2023.
3. Subramanyam, R., **Talluri, V.(160120735116)** A. K., Lavanya, P. V., **Reddy, K. N. C. (160120735119),** Kumari, J. S., & Nagabushanam, P. (2024, April). "Carry Select Adder Using Square Root Techniques in Ripple Carry and BCD Adders." In *2024 IEEE 13th International Conference on Communication Systems and Network Technologies (CSNT)* (pp. 1225-1229). IEEE. DOI: [10.1109/CSNT60213.2024.10546043](https://doi.org/10.1109/CSNT60213.2024.10546043), 6-7 April 2024.
4. K. R. D, S. Siva Priyanka, A. Sai Kumar, **J. Kunduru (160120735124) and N. Batta (160120735129),** "IoT Based Water Quality Monitoring for Smart Aquaculture," 2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT), Delhi, India, 2023, pp. 1-6, doi: 10.1109/ICCCNT56998.2023.10307651. (Scopus Indexed)
5. **C. Kolluru (160120735142), A. G V (160120735137),** S. Priyanka. S, K. R. D and A. S. Kumar, "Development of Face Recognition-Based Smart Door Lock System with Remote Servo Control Authentication," 2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT), Delhi, India, 2023, pp. 1-6, doi: 10.1109/ICCCNT56998.2023.10307437. (Scopus Indexed)
6. Nagabhushanam. M V, S. Siva Priyanka, **A. S. Kumar, S. Prahasita and G. Sahithi,** "Credit Card Fraud Detection with Auto Encoders and Artificial Neural Networks," 2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT), Delhi, India, 2023, pp. 1-6, doi: 10.1109/ICCCNT56998.2023.10308011. (Scopus Indexed)
7. S. Priyanka. S, A. S. Kumar, M. V. Nagabhushanam, **D. Vennela (160120735135) and P. D. Tulasi (160120735123),** "Smart Glasses for Visually Impaired People using Machine Learning," 2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT), Delhi, India, 2023, pp. 1-6, doi: 10.1109/ICCCNT56998.2023.10307374. (Scopus Indexed)
8. Geethamrutha, U., Jahnavi, E., **Chandrasekhar, E., Chandrasekhar, P.,** & Rehman, B. K. (2023). Design of 4 bit binary weighted DAC in 180nm CMOS technology. In Proceedings of the 9th International Conference on Nanoelectronics, Computational Intelligence & Communication Systems (NCCS-2023), Ranchi, India. [Indexed in IEEE].

9. **Bandi, N.,** Rohith, P., & Chandrasekhar, E. (2024). A Comparative Analysis of Switched Gate Implementations in Wallace Tree Multipliers. In Proceedings of the 2024 3rd IEEE International Conference on Artificial Intelligence for Internet of Things (AIIoT 2024), Vellore, India. [Indexed in IEEE].
10. **Sony, D.,** Ajitha, G., & Taaha. (2023). Evaluating Phase Error of IRNSS using Narrow Correlator. In Proceedings of the 14th International Conference on Computing, Communication and Networking Technologies, Delhi, India. [Indexed in IEEE].
11. Vidya, M., Vineela, S., **Sathish, P., & Reddy, A. S.** (2023). Gesture-Based Control of Presentation Slides using OpenCV. In Proceedings of the 2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), Trichy, India. [Indexed in IEEE].
12. **Sathish, P., Reddy, A. S.,** Teja, G. S., Kiran, G. U., & Kireeti, A. (2023). Design of Water Quality Monitoring System using SVM Algorithm. In Proceedings of the 2023 4th International Conference on Electronics and Sustainable Communication Systems (ICESC), Coimbatore, India. [Indexed in IEEE].
13. Chaitanya, K., Nikhil, R., Pranathi, V., & **Rao, N. V. K.** (2024). Performance Evaluation of GAN-Generated Datasets for Antenna Design Optimization. In Proceedings of the ICAMADA 2024 Conference, Hyderabad, India.
14. Bhavya, K. S., Reddy, Y. C., **Sekhar, P. C., & Chandrasekhar, E.** (2023). Implementation of Low Power VLSI Architecture using Adiabatic Logic. In Proceedings of the Global Conference on Information Technologies and Communications (GCITC)- 2023, Bengaluru, India. [Indexed in IEEE]. <https://doi.org/10.1109/GCITC60406.2023.10426070>.
15. S. Kodam, **V. K. M, A. S. Reddy,** K. Chalamalasetty, and R. S. Tammireddi, "Optimizing Relay based V2V Communication in Non-Line-of-Sight Scenarios: Pathloss Modelling and Strategies," in 15th International Conference on Computing, Communication and Networking Technologies (ICCCNT), IIT-Mandi, Himachal Pradesh, India, Jun. 24-28, 2024. [Scopus]
16. R. S. Tammireddi, **V. K. M, A. S. Reddy,** K. Chalamalasetty, and S. Kodam, "Performance Evaluation of IEEE 802.11ax Using Validated Propagation Loss Models for V2I Applications," in 15th International Conference on Computing, Communication and Networking Technologies (ICCCNT), IIT-Mandi, Himachal Pradesh, India, Jun. 24-28, 2024. [Scopus]

National Conferences

1. **Sravanthi.G,** Revolutionizing Electronics: A Journey Through the History of Semiconductor Devices, R&D Day, CBIT Hyderabad
2. **G.Ajitha,** Implementation of AXI Protocol with Enhanced throughput and Performance,
3. **Siri paramesh,** Doppler Collision Prediction in NaviC Using Machine Learning and Digital Filters, R&D Day, CBIT Hyderabad
4. **E. Jahnvi, U.Geethamrutha,** Design of 4 bit binary weighted DAC in 180nm CMOS technology, R&D Day, CBIT Hyderabad

5. **Geethamrutha Uttanuru1, Poojitha Voorukonda and Sai Harshitha Pidugu**, Design and Implementation of Smart Wearable Electrolarynx Device for Larynx Disorders, R&D Day, CBIT Hyderabad
6. **Gurram Sowmya, Rashmi**, Dr.B. Khaleelu Rehman, FPGA implementation of high speed 64-bit Arithmetic Logic Unit, R&D Day, CBIT Hyderabad, R&D Day, CBIT Hyderabad
7. **Kaushal Jaiprakash Chawda, B.Siddeshwar, P.Sahithi,T.Sridher**, Design and Development of a Distance Measurement System Using Wi-Fi RSS Values, R&D Day, CBIT Hyderabad
8. **Rashmi, Gurram Sowmya**, Dr.B. Khaleelu Rehman,Design of digital filters using Xilinx IP core approach method, R&D Day, CBIT Hyderabad
9. **Battula Snehitha, Anneboina Nikhil and B. Neeraja**, Secure Soldier: Real-time Wireless Embedded Electronics for Safety, R&D Day, CBIT Hyderabad
10. **N.Malini, P.Sahithi** , D.Sony and D. Krishna Reddy, IoT based Smart Energy Meter, R&D Day, CBIT Hyderabad
11. **Pallati Rama Rohith**, Ediga Chandrasekhar, Design and Implementation of Ultra Low Power Comparator for Flash ADC using CMOS 90nm Technology, R&D day, CBIT Hyderabad
12. **Adithya Chelimela, Srinath Chembolu, Sri Datta Annavarapu**, Supraja Reddy Ammana, Sathish Pasika, IOT Based Air Pollution Monitoring and Controlling System,R&D day, CBIT Hyderabad
13. **Hima Vamsi Vankayala, Srinath Chembolu, Sri Datta Annavarapu**, Supraja Reddy Ammana, Sathish Pasika, Centralized Monitoring System for Streetlight Fault Detection, R&D day, CBIT Hyderabad
14. **Chandana.M, Durga Prasad.V**, Dr.D.Krishna Reddy, “Implementation Of Decision Tree Algorithm For Detecting Human Stress In And Through Sleep”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
15. **M.C. Nithin, B. Sridhar, P. Kavya, D. Jahnavi**, Dr.K. Vasanth, “Algorithms Design, Development And VHDL Implementation For Automatic Modulation Recognition For Various Analog And Digital Modulations”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
16. **D.Krishna Teja**, “High Speed Railways Using Communication Based Train Control System”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
17. **T. Kinnera, A.L.N. Datta, E. Sri Charan, R. Yeshwanth, R. Charith**, K. Vasanth, “Design Of Automated Ground Station For Tracking LEO Orbit Based Satellites Operating At VHF/UHF Frequencies”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.

18. **T. Kinnera, A.L.N. Datta, E. Sri Charan, R. Yeshwanth, R. Charith,** K. Vasanth, “Design Of Walkie-Talkie Transceiver Module Using DRA808M And Arduino NANO”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
19. **B. Chetana, C. Sai Sandeep,** K. Vasanth, “Energy Efficient Adder”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
20. **Adepu Shashank, Ardhanoor Charan Sai, Vishwa Charan Reddy,** Dr.B.Khallelu Rahaman, “ Implementation Of 32-Bit MIPS Processor”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
21. **K. Sai Bhavya, Yerri Charanya Reddy,** “Low Power Design And Implementation Of Adiabatic Logic Circuits And Layouts”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
22. **Sri.A.Krishna Kumar, G.Ajitha, Madhuraswara Reddy,** “Design Of An Optimized Memory Interface System Using AXI Protocol”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
23. **D.Manogna, D. Poojitha, G.Abhilash.** P.Chandra Sekar, “Design Of Phase Locked Loop”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
24. **T. Manasvi, G. Dhanush,** Dr.P. Anuradha, “Implementation And Performance Analysis Of 16*16 Memory Array SRAM For Low Power Applications”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
25. **A.Vaishnavi, M.Manisha,** “Design And Average Power Calculations Of Full Adder In 90nm Technology”, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
26. **Shanmukha Mytri ,** Dr.D.Krishna Reddy, Design of Drone Jammers for Event Protection, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
27. **Gurram Sowmya , Sri Charan ,** Dr.K.Vasanth , Design Development & Testing of Piezoelectric wireless accelerometer for measurement of PSLV requirements, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
28. **Varun Kamshetty, Manoj Reddy Talusani, ,kas Kalakonda,** N. Jagan Mohan Reddy, Adaptive Traffic Control System, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
29. **Dharani Se,reddy,Abhimanyu Bholam,** P.Satish, Exploring Water Quality Monitoring: A Comparison of Innovative System, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.

30. **N.Malini , K.Shravan, G.Sathwik , Dr.K.Sai Krishna**, Sales Prediction for Big Mart, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
31. **T. L. V. Sai Kumar, J. Anil, B. Vamsi Krishna**, Dr. Marepally Bhanu Chandra, Web Application for College Admission Prediction, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
32. **K. De, Sree, B. Bhoomika, K. Akhila**, Dr. K. Sai Krishna, Facial Recognition based attendance system using AIML, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
33. **B. Mahitha, K. Meghana, D. Sriya**, Safeguarding privacy with IOT hidden camera detection and jamming, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.
34. **Bhavya Sree Bhimanandam, Kanaparthi Nandini**, Smt.B.Neeraja, Smart Cradle System Using IoT, Synapse 2024 under SUDHEE-2024, 26th-27th Feb 2024, CBIT Hyderabad.