

**UG - Student Publications
Summary**

AY/Publication type	Book Chapters	International Journals	National Journals	International Conferences	National Conferences	Total
2023-24	-	-	-	16	34	50
2022-23	2	-	-	-	16	18
2021-22	-	2	-	2	1	5
2020-21	-	18	-	5	-	23
2019-20	-	4	-	6	-	10
2018-19	-	2	-	2	-	4

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.

**AY 2022-23
Book Chapter**

1. Dhanalakshmi, N., **Mamindlapalli, C** (160117735030), **Sunkari, D.R.** (160117735032), **Salguti, R.R.**(160117735038) (2022). Design of IoT-Based Transmission Line Fault Monitoring System. In: Kumar Jain, P., Nath Singh, Y., Gollapalli, R.P., Singh, S.P. (eds) Advances in Signal Processing and Communication Engineering. Lecture Notes in Electrical Engineering, vol 929. Springer, Singapore. https://doi.org/10.1007/978-981-19-5550-1_35.
2. Jahangir, M.Z., Paidimarry, C.S., Sikander, M., **Shravanthi, M.V** (160115735084) . (2022). Design of an All Digital Phase-Locked Loop Using Cordic Algorithm. In: Kumar Jain, P., Nath Singh, Y., Gollapalli, R.P., Singh, S.P. (eds) Advances in Signal Processing and Communication Engineering. Lecture Notes in Electrical Engineering, vol 929. Springer, Singapore. https://doi.org/10.1007/978-981-19-5550-1_14.

National Conference

1. **Sai Prakash** (160119735303), **A Sai Kalyan** (160119735037) , Dr. Vinodh Kumar M “Performance Analysis of LIS (IRS) Based MIMO System”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
2. **N. Kethan Sai** (160119735094), Dr. M. Vinodh Kumar” Analyzing The Performance Of OTFS Modulation Over OFDM Modulation, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.

3. **N N Geetha Krishna** (160119735012), Dr .D. Krishna Reddy, “Design Of Autonomous Air Purification And Surface Disinfection Bot Using AI”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
4. **T Sai Adithya** (160119735166), **K Sai Kumar Reddy**(160119735168), **Eshwar Chandra** (160119735142), Dr. N.V.Koteswara Rao, “Robust Malware Detection For Internet Of Things Devices Using Deep Eigenspace Learning”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
5. **Y.Lohith Kumar** (160119735151), **P. Sai vamsi** (160119735171), **J. Saketh Kumar**(160119735172), N. Dhana Lakshmi, “Advanced Vehicle Parking System Using Deep Learning”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
6. **S.Sruthi**(160119735026), **I.Hemanth Sai**(160119735029), **P.Pallavi** (160119735302), Dr.M.Raj Kumar Naik ”Remote Sensing Alerting System For Women Safety, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
7. **M. Sanjana**(160119735316), J.Mounika, “Development of Patrolling Robot In Industries Using Iot, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
8. **Jhansi Kunduru**(160120735124), **Saideep Reddy Chada** (160120735164), **Siddeshwar Bodolla** (160120735172) “An IoT-Based Toilet Monitoring System For Airport Applications”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
9. **Snehitha Battula** (160120735134), **Nikhil Anneboina** (160120735152), T.Sridhar, Detection of Compressed natural Gas Leakage System with IoT, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
10. **Chandnani Gulshan** (160119735088), KSRS Jyothsna, “Suppression of NAVIC S-band Signals in Multipath Terrestrial Environment”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
11. **Sami Shaik** (160119735105), Dr.M.L.N Charyulu, ‘Data transmission Through Light’, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
12. **Janvi Veeramreddy**(160119735124), **N.V.S Charan** (160119735179), **Amritha Bhargavi Utlal** (160119735121), **G.Mallikharjuna Rao**, “Implementation of Drone based crop health monitoring system using Image Processing”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
13. **Md Ashfaq Ahmed** (160119735137), **P.V.S. Charan** (160119735180), **B Praveen** (160119735161), T.Aravinda Babu, “Design and Implement Autonomous Speed Limit detection and Alert system using Deep Learning”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
14. **Chirag Agarwal** (160119735140), **Ribhu Bhatta Charya** (160119735163), **Nag Aasrith Sankuri** (160119735155), Dr.A.Supraja Reddy, “ML Based FOD detection on Airfield Pavement”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
15. **Sai Bharadwaj V S M** (160119735167), **Kaushik Vijaya**(160119735149), **N.Suddep** (160119735176), A.Krishna Kumar, “Design of Low Area High Speed Adders in MAC Unit”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.

16. **Ambati Sai Sriya** (160120735021), “Implementation of 2-bit Magnitude Comparator using ADIABATIC Approach for Low-Power VLSI Circuits”, in SUDHEE – 2023, organized by CBIT, HYDERABAD during 31Jan & 1Feb 2023.
17. **Gurram Sowmya, Rashmi**, Dr.B. Khaleelu Rehman, FPGA implementation of high speed 64-bit Arithmetic Logic Unit, R&D Day, CBIT Hyderabad
18. **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
19. **Kavya Chalamalasetty, Padma Priya. K**, A.D. Sarma, G.Mallikharjuna Rao and K.Lakshmana, Scintillation Classification for GNSS Signal Reception: A Machine Learning Approach with Raspberry Pi Implementation, R&D Day, JNTUK, Kakinada
20. Ramadevi Avala, Padma Priya. K and A.D. Sarma, T. Sridhar, Mohammed Kursheed, Estimating the Service Area of a Drone based Source using Wi-Fi and Raspberry Pi based System, R&D Day, JNTUK, Kakinada
21. Mohammed Kursheed, K Lakshmana, Dr. A.D. Sarma, Dr. D Krishna Reddy, Dr D L Sreenivasa Reddy, Investigation of selected parameters due to PolarX5S Scintillation Monitoring Receiver, R&D Day, CBIT Hyderabad
22. Mohammed Kursheed, K Lakshmana, Dr. A.D. Sarma, Dr. D Krishna Reddy, Dr D L Sreenivasa Reddy, Estimation of Ionospheric Scintillation index using Grid model and SVM algorithm for mapping over Indian region, R&D Day, CBIT Hyderabad
23. Rashmi, Gurram Sowmya, Dr.B. Khaleelu Rehman Design of digital filters using Xilinx IP core approach method, R&D Day, CBIT Hyderabad
24. Battula Snehitha, Anneboina Nikhil and B. Neeraja, Secure Soldier: Real-time Wireless Embedded Electronics for Safety, R&D Day, CBIT Hyderabad
25. N.Malini, P.Sahithi, D.Sony and D. Krishna Reddy, IoT based Smart Energy Meter, R&D Day, CBIT Hyderabad
26. Dr. S. Siva Priyanka, Prof T. Kishore Kumar, Prof D Krishna Reddy, Adaptive Beam former based Large Language Model for Target Speaker Extraction, R&D Day, CBIT Hyderabad
27. 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
28. Ram Siddardha Tammireddi, Vinod Kumar M, Investigating OFDM Transceiver Implementation and Modulation Scheme Analysis using MATLAB, R&D day, CBIT Hyderabad
29. 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
30. 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

AY 2021 – 22
International Journals

1. **Mahidhara Reddy Kankara, Maanvik Thodupunuri, Lakshmi Srikanth Yechuri** and N. V. Koteswara Rao, “Encrypted e-Voting System using IoT”, 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 IX Sep 2021. DOI: <https://doi.org/10.22214/ijraset.2021.37973>.
2. N Dhana Lakshmi, **Pranavi Nagubandi, Muralidhar Yeleti, K Vishnu Vardhan**, (UG Students) "Automated Attendance System Based on Facial Recognition using Viola-Jones Algorithm", Asian Journal of Applied Science and Technology, Volume 6, Issue 2, Pages 82-91, April-June 2022. ISSN: 2456-883X, DOI: <http://doi.org/10.38177/ajast.2022.6210>.

International Conferences

1. **Pappu Gayathri Devi, Sunkara Chandana, P. Sathish** “Design and Development of Android Application for Virtual Birthday Present” 6th International IEEE Conference on Communication and Electronics Systems (ICCES-2021) during 8-10 July, 2021 Organized by PPG Institute of Technology, Coimbatore, India.
2. Supraja Reddy Ammana, Satyanarayana Katukojwala, Bhaskara Satyanarayana, Komal Kumar Songala, **Sowjanya Boddani, Namitha Kommineni, Nikhita Tada**, Dattatreya Sarma Achanta, "Development of Simple Software Receiver For IRNSS L5 Signal", IEEE WIECON-ECE 2021, 4-5 Dec 2021.

National Conferences

1. **Mohammed Waseem, N Venkata Narsimha Reddy, Nischal Y, T.Sridher**, "The basaltic analysis for safeguarding structures nearby CBIT premises", Research Day, CBIT, 28 August 2021.

AY 2020 - 21
International Journals

1. M.Nikhil Krishnan, V. Lalitha, **Sreeranjani Didugu** “Codes with Minimum Bandwidth Cooperative Local Regeneration”, IEEE Communication Letters, Vol 24, No12, December 2020.
2. P.Sathish, **Ayesha Samreen**, N. Alivelu Manga, “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.
3. **Vaishnavi Suthram, Akhil G**, "Implementation of a Forest Monitoring and Alerting System", International Research Journal of Engineering and Technology, Vol:7 Issue 8, August 20.
4. **Raga Sai K**, “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.
5. **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)
6. 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, DOI: <https://doi.org/10.22214/ijraset.2021.34604> (UGC CARE)
7. 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)
8. A. Vani, **N. Sukesh 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>

9. 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, 2021(Scopus Indexed)
10. 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)
11. 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)
12. 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.
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