

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 Utle** (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