



DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING
KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE:: WARANGAL - 15
(An Autonomous Institute under Kakatiya University, Warangal)

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

STUDENT PUBLICATIONS

[1] Guide/Supervisor: Dr. K. Sivani, Dr. B. Jeevan:

1. Jeevan, B., Sahithi, P., Samskruthi, P. and Sivani, K., 2022, January. Simulation and synthesis of UART through FPGA Zedboard for IoT applications. In *2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)* (pp. 1-7). IEEE.
2. Jeevan, B., Samskruthi, P., Sahithi, P. and Sivani, K., 2022, January. Implementation of parallel multiplier based on Booth computing method using FPGA. In *2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)* (pp. 1-8). IEEE.

[2] Guide/Supervisor: B. Venumaheswar Rao

1. R. Anvesh, and B. Venumaheswar Rao, "An Approach for Data Transmission using Li-Fi Network", *AICTE sponsored International Conference on Energy Sustainability (AICTE ES-2022)*, KITS Warangal, India.
2. B. Venumaheswar Rao, and R. Anvesh, "Li-Fi based effective Framework for Data Transmission", *Positif Journal*, vol.22, no.7, July 2022.

[3] Supervisor/ Guide: Dr. M. Raghu Ram

1. M.R.Ram, and N. Bhasker, "Low power carry select adder using multiplexers," *Positif J.*, pp. 515-519, vol.22, no.7, July 2022.
2. M.R.Ram, and K. Sindhuja, "Arduino based smart digital water meter," *Positif J.*, pp. 520-523, vol.22, no.7, July 2022.
3. M.R.Ram, and V. Sushmitha, "Vehicle number plate identification using MATLAB based image processing," *Positif J.*, pp. 524-527, vol.22, no.7, July 2022.
4. M.R.Ram, and M. Divija, "IoT based Smart Irrigation Module for Smart Cultivation", *IEEE Proc. International Conference on Wireless Communication Signal Processing and Networking (WiSPNET)*, Chennai, India, 24-26 March 2022, pp. 1-4. (DOI:10.1109/WiSPNET54241.2022.9767170)
5. M.R.Ram, and B. Sarath Chandra, "ML Based Interactive Disease Prediction Model", *IEEE Proc. Delhi Section Conference (DELCON)*, Delhi, India, 11-13 February 2022, pp. 1-4. (DOI: 10.1109/DELCON54057.2022.9752947)

[4] Supervisor/ Guide: Dr. K. Srinivas

1. K. Srinivas , Bhavya Sri K, et al, "A wavelet transform based denoising algorithm for PCG signals", Proceedings of International Conference on Innovations in Engineering and Technology organized by JNTU Hyderabad, ICIET-2022, 15-17 september, 2022.
2. Challa Harshini , K. Srinivas, "Analysis of digital image for copy move forgery detection", International journal for advance research in science & technology, Volume 11, Issue 06, Jun 2021, pp 1-10, ISSN 2581 - 4575