



Vishnu Institute of Technology (Autonomous)
VISHNUPUR: BHIMAVARAM

FACULTY PUBLICATIONS (AIDS) : 2023

JOURNALS:

1. M.R.M V., Dabade M.S., P S.R.M., Borhade R.R., Barekar S.S., Navarro C., Roman-Concha U., Rodriguez C., “Smart education system to improve the learning system with CBR based recommendation system using IoT, Heliyon”, Vol. 9, (7), PP. 01-14, 2023 (Scopus) (WoS)
2. Shaik K.S., **Thumboor N.S.K.**, Veluru S.P., Bommagani N.J., Sudarsa D., Muppagowni G.K., Enhanced SVM Model with Orthogonal Learning Chaotic Grey Wolf Optimization for Cybersecurity Intrusion Detection in Agriculture 4.0, International Journal of Safety and Security Engineering, Vol. 13, (3), PP. 509-517, 2023 (Scopus)
3. Mohd A.A., Kummarikunta S., **Naga S.K.T.**, Buthukuri V.R., Chintamaneni P., Vatambeti R., Design of Mutual Authentication Method for Deep Learning Based Hybrid Cryptography to Secure data in Cloud Computing, International Journal of Safety and Security Engineering, Vol. 13, (5), PP. 893-902, 2023 (Scopus)

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4. Onyelowe K.C., Kontoni D.-P.N., Oyewole S., Apugo-Nwosu T., Nasrollahpour S., Soleymani A., **Pilla S.R.M.**, Jahangir H., Dabbaghi F., “Compressive strength optimization and life cycle assessment of geopolymer concrete using machine learning techniques”, E3S Web of Conferences, Vol. 436, PP. 01-08, 2023 (Scopus) (WoS)
5. Eswari G.S., **Gayathri Devi I.**, Rupesh Kumar C.K., Ramesh U.V., Lakshmanarao A., “An Efficient Medical Cost Prediction System with Machine Learning and Deep Learning Model”, 2023 1st International Conference on Advances in Electrical, Electronics and Computational Intelligence, ICAEECI 2023, PP. 1 to 5, 2023 (Scopus)

FACULTY PUBLICATIONS (AIML) : 2023

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6. **Devarakonda G.K.M.**, Pradeep I.K., Rao M.V.D., Krishna Y.K.S., Publishing Data Objects in Data Aware Networking, Lecture Notes of the Institute for Computer Sciences, Social- Informatics and Telecommunications Engineering, LNICST, Vol. 472 LNICST, PP. 69-75, 2023 (Scopus)

FACULTY PUBLICATIONS (BS) : 2023

JOURNALS:

7. **Swamy G.R.**, Kumar N.V., Manikandan G., Raju N.P., ‘The Impact of Mixed Solvents on Protonation Equilibria of Mercaptosuccinic Acid in Ethylene Glycol – Water Media’, *Chemical Review and Letters*, Vol. 6, (4), PP. 506-512, 2023 (Scopus)
8. Jagadeesh K., Kadiyala K.G., Varma Dendukuri B.N.S., **Guttula R.S.**, **Gupta Tiruveedhi V.L.N.B.**, Vamsi P., **Chavakula R.L.**, ‘Quality Control Assessment Of Dutasteride And Silodosin In Capsules And Tablets Employing A Novel Developed Hplc Technique; Evaluation Of Stabilities Of Dutasteride And Silodosin In Accelerated Degradation’, *International Journal of Applied Pharmaceutics*, Vol. 15, (6), PP. 98-107, 2023 (Scopus)
9. **Tiruveedhi B.G.V.L.N.**, Battula V.R., Bonige K.B., Matlapudi R.V.V., ‘Stability Indicating Isocratic Hplc Approach To Quantify Montelukast And Bilastine Mix In Bulk And Tablet Formulation’, *Indian Drugs*, Vol. 60, (5), PP. 57-65, 2023 (Scopus)
10. Sreedevi G., Pullarao T., Muswareen S.K.K., Suresh S., Sirisha P.V., **Rajyalakshmi C.**, Jayalakshmi V. ‘Hydrothermal Synthesis and Micro-Structural, Optical and Luminescence Properties of Core-Shell Hetero Structure CdS/Zn₃(PO₄)₂ Nanocomposite’, *Asian Journal of Chemistry*, Vol. 35, (8), PP. 1836-1842, 2023 (Scopus)
11. **G.Ramaswamy**, N.VijayKumar, G.Manikandan, ‘Chemical Distribution, Stability and Structures of Ternary Metal Chelates in Ethyleneglycol – Water Media Involving Mercaptosuccinicacid and Some Essential Amino Acids’, *Ymerdigital*, 22(2), PP. 1131- 1137, 2023 (GS)
12. K.Chandan **K.Venu Gopal**, K.Satish Kumar, ‘A Study on Optimal Strategy Analysis of N- Policy FM/FEk/1 Vacation Queueing System with Server Start-Up and Time-Out Using LR Method’, *Gradiva Review Journal*, 9(6), PP. 397-404, 2023 (GS)
13. **Deepthi,K.G.R.**, Kavitha,S., Murthy,V.Vasudeva, ‘Steady 3-D Magneto Hydrodynamics- Casson Moving Fluid Across a Porous Sheet as it is Being Linearly Stretched Out Thermal Radiation and Prandtl Number: FEM Approach’, *Journal of Nano Fluids*, 12(5), PP.1454–1461, 2023 (GS)
14. **K.G.R. Deepthi**, S. Kavitha and V. Vasudeva Murthy, ‘Study of Multiple Slip effects on flow of nanofluid a three-dimensional direction of Stretching Sheet in the presence of Magnetic field using Finite Element Method’, *European Chemical Bulletin*, 12(4), PP. 13142-13163, 2023 (GS)
15. Dharmana Chinnarao, Ch. V. Padmarao, K. Rajkumar, **V L N Balaji Gupta Tiruveedhi**, M.V. V. Ramanjaneyulu, B. Kishore Babu, B.Venkateswara Rao, ‘FT-IR, molecular interactions and antibacterial studies of binary organic liquid mixtures of Geranyl acetate and Amyl alcohol at (303.15-318.15) K”, *European Chemical Bulletin*, 12(3), PP. 1075-1092, 2023 (GS)

16. **R.S.DurgaRao**, R.Vijaya Kumar and V.Vasudeva Murthy, “Powell-Eyring-Nanofluid flow numerical solutions towards a stretched porous sheet with the influence of double diffusion and Magnetic field”, European Chemical Bulletin, 12 (4), PP. 11541-11561, 2023 (GS)
17. **Y M V Naga Raja Rao**, “Best Practices in Vishnu Institute of Technology Library: At a Glance”, International Journal of Scientific Development and Research, 8(2), PP. 267- 269,2023 (GS)
18. **D.Vijaya Lakshmi** Review of “P.V.Laxmiprasad’sTiruvalluar’s Kural: “A Scholarly Review”, Literary Herald, 9(1), PP. 200-204, 2023 (GS)
19. **D. Vijaya Lakshmi**, “P.V.Laxmiprasad’s Rabindranath Tagore as a Philosophical Voyager – A Critical study of Gitanjal”, Creative saplings, 2(1) PP. 9-11, 2023 (GS)

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20. **Mamidi P.L., Deepthi K.G.R.**, Kumar K.S., Kumar B.S., Hanumantharao S., Subrahmanyam S.V., “Evaluating and ranking Indian pharmaceutical sector companies:A multi-criteria decision-making approach, AIP Conference Proceedings”, Vol. 2707, PP. 01-16, 2023 (Scopus)
21. **Yadav M.R., Lakshmikanth G.V.**, Suresh P., Ravikumar R.V.S.S.N., Effect of VO₂⁺ ions incorporation on paramagnetic behavior of Calcium Borophosphate (CaBP) nanophosphors: A detailed study of structural and EPR properties, Materials Today: Proceedings, Vol. 92, PP. 1142-1148, 2023 (Scopus)

FACULTY PUBLICATIONS (CE) : 2023

JOURNALS:

22. Kuppala S.R., **Kyle S., Bandaru M.D.**, Sambangi A., Investigation of uniaxial tensile and compressive behavior of SFRC, Asian Journal of Civil Engineering, Vol. 24, (3), PP. 629- 637, 2023 (Scopus)
23. Nagaraju T.V., Mantena S., Azab M., **Alisha S.S.**, El Hachem C., Adamu M., **Rama Murthy P.S.**, “Prediction of high strength ternary blended concrete containing different silica proportions using machine learning approaches”, Results in Engineering, Vol. 17, PP. 01-14, 2023 (Scopus)
24. **Vijay K.**, Paluri Y., Reddy M.S., Rao I.V., John K., Dayanand N., “Performance evaluation of reclaimed asphalt pavement (RAP) aggregate in concrete pavements: a state-of-the-art review”, Journal of Building Pathology and Rehabilitation, Vol. 8, (2), PP. (9) 01-11, 2023(Scopus)
25. **Shaik Subhan Alisha** and T V Nagaraju and **Pilla Sita Rama Murty , VVS Sarma** and Mantena Sireesha,”Strength and stiffness prediction models of expansive clays blended with sawdust ash”,IOP Conference Series: Materials Science and Engineering, volume:1273,2023,012018, doi:10.1088/1757-899X/1273/1/012018. PP. 01-07, 2022 (GS)

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26. **Sree Kumar K., Alisha S.S., Vijay K., Sarma V.V.S.**, “Mechanical Characterization of Sustainable Concrete Incorporating Bentonite Powder and Sisal Fibre”, IOP Conference Series: Earth and Environmental Science, Vol. 1280, (1), PP. 01-13, 2023 (Scopus)
27. **Alisha S.S.**, Nagaraju T.V., Onyelowo K.C., Dumpa V., Sireesha M., Prediction of Strength and Stiffness Behavior of Glass Powder Stabilized Expansive Clay Using ANN Principles, Lecture Notes in Civil Engineering, Vol. 338 LNCE, PP. 211-219, 2023 (Scopus)

FACULTY PUBLICATIONS (CSBS) : 2023

JOURNALS:

28. Leelavati T.S., Madhavi S., Susmitha K., Venkateswara Kumar K.S., Vara Prasad Goud P., Ganga Raju K., Aminabee S., Exploring University Student Attitudes, Beliefs, and Alcohol Usage Patterns: An Investigation into Alcohol and Drug Use within the Student Lifestyle, Journal of Drug and Alcohol Research, Vol. 12, (8), 2023, 10.4303/JDAR/236258.Q4

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29. **Uppalapati P.J.**, Dabbiru M., Rao K.V., A Comprehensive Survey on Summarization Techniques, SN Computer Science, Vol. 4, (5), PP. (560) 01-09, 2023 (Scopus)
30. Gontla B.K., Gundu **P., Uppalapati P.J., Narasimharao K., Hussain S.M.**, A Machine Learning Approach to Identify Phishing Websites: A Comparative Study of Classification Models and Ensemble Learning Techniques, EAI Endorsed Transactions on Scalable Information Systems, Vol. 10, (5), PP. 01-09, 2023 (Scopus) (WoS)
31. Nagaraju T.V., Mantena S., Gobinath R., **Bonthu S.**, Subhan Alisha S., “Geopolymer- stabilized soils: influencing factors, strength development mechanism and sustainability”, Journal of Taibah University for Science, Vol. 17, (1), PP. 01-18, 2023 (Scopus)
32. **Shankar D.**, George G.V.S., **Janardhana Naidu J.N.S.S., Madhuri P.S.**, Deep Analysis of Risks and Recent Trends Towards Network Intrusion Detection System, International Journal of Advanced Computer Science and Applications, Vol. 14, (1), PP. 262-276, 2023 (Scopus) (WoS)
33. **Pericherla S.S.**, Cloud Computing Threats, Vulnerabilities and Countermeasures: A State-of-the-Art, ISeCure, Vol. 15, (1), PP. 55-112, 2023 (Scopus) (WoS)

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34. Maheswara Rao V.V.R., Silpa N., Shankar Reddy S., Rao Kurada R., **Mahaboob Hussain S., L Sameera E.**, A Robust XG-Boost Machine Learning Model for Water Quality Estimation System by Leveraging with Chi-Square Forward Sequential Feature Selection Technique, IEEE 1st International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics, AIKIIIE 2023, PP. 2023 (Scopus)

35. Maddipati V.G.R., Soudha Basheera Bhanu B., Bhavya Sai D., Navya Sri Mahitha G., Pravallika **G., Maddipati G.**, High Performance VLSI Architecture for Real-Time Video Edge Detection, 2023 2nd International Conference on Advances in Computational Intelligence and Communication, ICACIC 2023, PP. 2023 (Scopus)
36. Silpa S., Maheswara Rao R.V.V., Subbarao M.V., Pradeep M., Grandhi C.R., **Karunasri A.**, A Robust Team Building Recommendation System by Leveraging Personality Traits Through MBTI and Deep Learning Frameworks, 2023 International Conference on IoT, Communication and Automation Technology, ICICAT 2023, PP. 2023 (Scopus)
37. Changalasetty S., Rajan N., Changalasetty S.B., Thota L.S., Bindu P.H., Satyanarayana P., **Thota H.**, Locating Areas of Crime Against Children with k-means Cluster Algorithm, Lecture Notes in Networks and Systems, Vol. 720 LNNS, PP. 469-477, 2023 (Scopus)
38. Jain S., **Hemalatha R.**, Mubeen S., Jethy J., Kandewar P., Pujari R., Deep Learning-Based Operational Risk Prevention and Control Monitoring of Smart Financial Systems, Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023, PP. 01-04, 2023 (Scopus)
39. Kurada R.R., Patten S., Ramu Y., Maheswara Rao V.V.R., Silpa N., **Bonthu S.**, Raitu Vrudhi- An Android based Mobile Application for Agro-Marketing, 2023 4th International Conference for Emerging Technology, INCET 2023, PP. 01-07, 2023 (Scopus)
40. **Pradeep I.K., Kiran K.B., Sai Baba B.C.S.N.L.S.**, Devarakonda G.K.M., **Satish M.D.**, Efficient Sentiment classification with Minimal parameters using Average Embedding Approach, 2023 2nd International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2023, PP. 2023 (Scopus) (WoS)
41. **Mulukutla V.K., Pavarala S.S., Kareti V.K., Midatani S., Bonthu S.**, Sentiment Analysis of Twitter Data on "The Agnipath Yojana"™, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Vol. 14078 LNAI, PP. 534-542, 2023 (Scopus)
42. **Ahmed S.S., Uppalapati P.J., Ayesha S., Hussain S.M., Narasimharao K.**, Silpa N., Assessing Public Sentiment towards Digital India through Twitter Sentiment Analysis: A Comparative Study, Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023, PP. 955-959, 2023 (Scopus)
43. **Bonthu S., Kiran K.B.**, Deenakonda M., Rao V.V.R.M., **Jagadeesh S.V.V.D.**, Multi-label and Multi-class Classification on a Custom Dataset using Convolution Neural Networks, Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023, PP. 576-579, 2023 (Scopus)
44. Changalasetty S., Rajan N., Thota L.S., **Thota H.**, Changalasetty S.B., Detection of Prone Areas of Crime Against Children using DBSCAN, Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023, PP. 776-781, 2023 (Scopus)

45. Silpa N., Maheswara Rao V.V.R., Subbarao M.V., Kurada R.R., Reddy S.S., **Uppalapati P.J.**, An Enriched Employee Retention Analysis System with a Combination Strategy of Feature Selection and Machine Learning Techniques, Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023, PP. 142-149, 2023 (Scopus)
46. Thota L.S., **Thota H.**, Changalasetty S.B., Badawy A.S., Ghribi W., Rahmathullah M., Basha S.A., Bangali H., Simulation of working of Chemical Reactor in Labview platform, 2023 2nd International Conference for Innovation in Technology, Inocon 2023, PP. 01-04, 2023 (Scopus)
47. Maheswara Rao V.V.R., Silpa N., Gadiraju M., Reddy S.S., **Bonthu S.**, Kurada R.R., A Plausible RNN-LSTM based Profession Recommendation System by Predicting Human Personality Types on Social Media Forums, Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023, PP. 850-855, 2023 (Scopus)
48. **Kovvuri A.R., Uppalapati P.J., Bonthu S., Kandula N.R.**, Water Level Forecasting in Reservoirs Using Time Series Analysis – Auto ARIMA Model, Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, Vol. 472 LNICST, PP. 192-200, 2023 (Scopus)
49. **Boddapati M.S.D., Chatradi M.S., Bonthu S., Dayal A.**, YouTube Comment Analysis Using Lexicon Based Techniques, Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, Vol. 472 LNICST, PP. 76-85, 2023 (Scopus)
50. **Jyothi U.P., Dabbiru M., Bonthu S., Dayal A., Kandula N.R.**, Comparative Analysis of Classification Methods to Predict Diabetes Mellitus on Noisy Data, Lecture Notes in Electrical Engineering, Vol. 946, PP. 301-313, 2023 (Scopus)
51. Maheswara Rao V.V.R., Silpa N., Reddy S.S., **Bonthu S.**, Rao Kurada R., Vaishalini V., An Optimized Ensemble Machine Learning Framework for Water Quality Assessment System by Leveraging Forward Sequential Minimum Redundancy Maximum Relevance Feature Selection Method, Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023, PP. 2023 (Scopus)

FACULTY PUBLICATIONS (ECE) : 2023

JOURNALS:

52. Singh L., Vasimalla Y., **Pareek P., Maurya N.K.**, Kumar R., Utilization of F8BT in refractive index sensor for urea treated urine detection, Optical and Quantum Electronics, Vol. 55, (14), PP. (1289) 01-15, 2023 (Scopus) (WoS)
53. **Maurya N.K.**, Kumari S., **Pareek P.**, Varshney G., Highly-efficient tunable dipole-driven Yagi antenna with end-fire radiation for terahertz application, Nano Communication Networks, Vol. 38, PP. 01-11, 2023 (Scopus) (WoS)

54. Godavarthi B., Dhar M., Devi S.A., Raju S.S., Balaram A., **Srilakshmi G.**, Blockchain integration with the internet of things for the employee performance management, Journal of High Technology Management Research, Vol. 34, (2), PP. 01-05, 2023 (Scopus)
55. **Murthy S.V.S.N.**, Krishna Prasad P.M., Adversarial transformer network for classification of lung cancer disease from CT scan images, Biomedical Signal Processing and Control, Vol. 86, PP. 01-12, 2023 (Scopus) (WoS)
56. **Janapala D.K.**, Moses N., **Orugu R.**, Compacted conformal antenna at lower-UWB for wireless capsule endoscope system, Journal of Ambient Intelligence and Humanized Computing, Vol. 14, (9), PP. 12617-12633, 2023 (Scopus)
57. Brahmanandam P.S., Uma G., Tarakeswara Rao K., Sreedevi S., Latha Devi N.S.M.P., Chu Y.-H., Das J., Mahesh Babu K., Narendra Babu A., Das S.K., Naveen Kumar V., **Srinivas K.**, Doppler Sodar Measured Winds and Sea Breeze Intrusions over Gadanki (13.5° N, 79.2° E), India, Sustainability (Switzerland), Vol. 15, (16), PP. 01-25, 2023 (Scopus) (WoS)
58. **Srinivas C.V.V.S.**, Borugadda S., RF Chain Selection Using Hybrid Optimization with Precoding in mm-Wave Massive MIMO Systems, Wireless Personal Communications, Vol. 131, (3), PP. 1997-2017, 2023 (Scopus) (WoS)
59. Agarwal V., **Pareek P.**, Singh L., Balaji B., Chaurasia V., Design and analysis of cross phase modulation based all optical half subtractor using carrier reservoir semiconductor optical amplifier, Optical and Quantum Electronics, Vol. 55, (8), PP. (680) 01-16, 2023 (Scopus) (WoS)
60. Arputharaj V.J., Sankar K., Kumar A.S., Sridevi M., **Prasad D.D.**, An Iot-Based Computational Intelligence Model To Perform Gene Analytics In Paternity Testing And Comparison For Health 4.0, Journal of Theoretical and Applied Information Technology, Vol. 101, (14), PP. 5781-5796, 2023, (Scopus)
61. **Orugu R.**, Nesasudha M., **Janapala D.K.**, Metamaterial Inspired Azimuth Pattern-Reconfigurable Antenna for 5G Applications, International Journal on Recent and Innovation Trends in Computing and Communication, Vol. 11, (6), PP. 28-33, 2023 (Scopus)
62. **Chandra K.R.**, Borugadda S., Joint resource allocation and power allocation scheme for MIMO assisted NOMA system, Transactions on Emerging Telecommunications Technologies, Vol. 34, (7), PP. 01-25, 2023 (Scopus) (WoS)
63. Choudhary S., **Sugumaran S.**, Belazi A., El-Latif A.A.A., Linearly decreasing inertia weight PSO and improved weight factor-based clustering algorithm for wireless sensor networks, Journal of Ambient Intelligence and Humanized Computing, Vol. 14,(6), PP. 6661-6679, 2023 (Scopus)
64. **Maurya N.K.**, Ghosh J., P. S., Design of graphene-based tunable ultra-thin UWB metasurface for terahertz regime, Optik, Vol. 279, 2023 (Scopus) (WoS)
65. Arputharaj V.J., Sankar K., Rao K.S., Prasad G.N.R., **Kumar R.B.**, IoT-Based Computational Intelligence Tool For Paternity Testing And Parental Comparison Using Correlation-Based Clustering And Svm Classification, Journal of Theoretical and Applied Information Technology, Vol. 101, (7), PP. 2726-2741, 2023, (Scopus)

66. **Maurya N.K.**, Kumari S., **Pareek P.**, Singh L., Graphene-based frequency agile isolation enhancement mechanism for MIMO antenna in terahertz regime, Nano Communication Networks, Vol. 35, PP. 01-10, 2023, 10.1016/j.nancom.2023.100436,(Scopus) (WoS)
67. Singh L., Vasimalla Y., Kumar R., **Pareek P.**, Highly sensitive surface plasmon resonance sensor for refractive index detection of Helicobacter Pylori, Optik, Vol. 274, PP. 01-11, 2023 (Scopus) (WoS)
68. Morampudi M.K., Sandhya M., **Dileep M.**, Privacy-preserving bimodal authentication system using Fan-Vercauteren scheme, Optik, Vol. 274, PP. 151-168, 2023 (Scopus) (WoS)
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70. Let G.S., Bala G.J., Pratap C.B., **Janapala D.K.**, Kezia T., Concentric semi-circular ring loaded multi-band antenna for wireless applications, Analog Integrated Circuits and Signal Processing, Vol. 114, (1), PP. 113-124, 2023 (Scopus) (WoS)
71. Raghuvanshi S.K., Srivastava A., Palodiya V., **Pareek P.**, Generation of a high chirp rate microwave signal by using external optical modulation technique for RADAR application: theory and experiment, Optical and Quantum Electronics, Vol. 55, (1), PP.(5) 01-14, 2023 (Scopus) (WoS)

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74. Kumar B.V., Vijayarangan R., Thirumurugan V., **Sugumaran S.**, Raghunathareddy M.V., Empirical Analysis of Energy Harvesting and Clustering Methods for D2D Communication Systems, 2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques, EASCT 2023, PP 01-16, 2023 (Scopus)
75. **Srinivas C.H.V.V.S.**, Borugadda S., Channel Estimation and Sparse Signal Processing in mm-Wave MIMO Systems Channel Estimation and Sparse Signal Processing in mm- Wave MIMO Systems, 2023 7th International Conference On Computing, Communication, Control And Automation, ICCUBEA 2023, pp.1 to 6, 2023 (Scopus)
76. **Chandra K.R.**, Manikanta S.P., Durgachandramouli Y., Mowlika P.S.S.N., **Srinivas C.H.V.V.S.**, **Budumuru P.R.**, Optimizing Multi-Cell NOMA System Performance with Power Allocation and SIC Analysis, 3rd IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2023, PP. 1-4, 2023 (Scopus)

77. **Prasad D.D., Lahari P., Nandini G., Harshitha Y.T.P., Sireesha P.V.P., Kumar J.D.,** Live Telecasting Robo using Arduino Uno, 2023 2nd International Conference on Advances in Computational Intelligence and Communication, ICACIC 2023, pp. 1-6, 2023 (Scopus)
78. **Srinivas C.V.V., Prasanna V.L., Ramya S., Murthy L.D.S.S., Lakshmi N.D.N., Varma A.K.C.,** Antenna Hybrid Beamforming Technique in mm-Wave MIMO Systems, 2023 3rd International Conference on Advancement in Electronics and Communication Engineering, AECE 2023, PP. 991-996, 2023 (Scopus)
79. **Murthy S.V.S.N., Vijjapu A., Kumar D.V., Vinod G.V., Rajasekhar K., Srinivas C.H.V.V.S.,** Metal Detecting Robot with Location Transmission System, 7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings, PP. 55-60, 2023 (Scopus)
80. **Budumuru P.R., Chegondi S., Leela Vamsi M., Arjun M., Rohith M., Harikrishna N.,** Smart Radar Security System Based on Bluetooth, 7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 Proceedings, PP. 1449-1452, 2023 (Scopus)
81. **Chandra K.R., Nakka T., Nadigatla N., Vardhan Reddy N.V.S.T.S., Nulu S., Kali A.,** Empowering Safety: Arduino-Based Alert System Design and Implementation for Women, 7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings, PP. 300-305, 2023 (Scopus)
82. **Venkateswara Rao C., Chegondi S., Myla K., Murala S., Myla S.S., Kalava D.R.,** IoT Based Smart Helmet for Bike Rider Safety, 7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings, PP. 1445-1448, 2023 (Scopus)
83. **Durga Prasad D., Subba Rami Reddy K.V., Ravi Kumar P., Satyanarayana B.V.V., Pathi A.M.V., Kumar G.P.,** Feeding Pets using Automation Technology and Google Assistant, 7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings, PP. 224-229, 2023 (Scopus)
84. **Subba Reddy M.K.V., Priya Harika T., Bharath Pali D.S.H., Pala S.A., Kanchi G., Kodiboina K.,** IoT Based Saline Level Monitoring System, 7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 Proceedings, PP. 1453-1457, 2023 (Scopus)
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86. **Ch V.R., Subba Reddy M.K.V., Kishore J., Phani Sirisha R.V., Srinivasa Seshagiri Rao B., Killamsetti H.,** Optimizing Indoor Air Quality: A Fuzzy Logic-based Control System, 2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings, PP. 1053-1057, 2023 (Scopus)
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