DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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1. **Roy, R.R., Mala, G.S.A., "**Early detection of pancreatic cancer using jaundiced eye images", Computer Systems Science and Engineering, Vol. 41,No.2,Pages. 677-688, 2022.DOI:10.32604/csse.2022.016620 **(SCI)**

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4. A.B. Feroz Khan, Hannah Lalitha R, **Kalpana Devi S,** Rajalakshmi CN," A multi-attribute based trusted routing for embedded devices in MANET-IoT", Microprocessors and Microsystems, Vol. 89, 2022.**(WOS)**

5. **B. Padmavathi,** B. Muthukumar, "Pattern Analysis and Regressive Linear Measure for Botnet Detection", Computer Systems Science & Engineering, vol.43, no.1,2022.DOI:10.32604/csse.2022.02143.**(SCI)**

6. **R. Dharaniya**, J. Indumathi, G. V. Uma Automatic scene generation using sentiment analysis and bidirectional recurrent neural network with multi-head attention, Neural Computing and Applications, https://doi.org/10.1007/s00521-022-07346-7 ,May 2022.**(SCI)**

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10.   **Harikumar, G.S.Anandha Mala,"** HMAC-R: Hash-based message authentication code and Rijindal-based multilevel security model for data storage in cloud environment",The journal of   super   Computing,   Springer   Publisher,   31   August   2022. https://link.springer.com/article/10.1007/s11227-022-04714-x. (**SCI)**

11.   **A. Jeba Sheela,** "An IOT Innovation of Smart Solar Energy Consumption Analysis and Control in Micro Grid", International Journal of Photoenergy, vol. 2022, Article ID 7506237, 8 pages, 2022. https://doi.org/10.1155/2022/7506237.(**SCI)**

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17.   **B. Padmavathi and** B. Muthukumar , "A deep recursively learning LSTM model to improve cyber security Botnet attack intrusion detection", International Journal of Modeling, Simulation, and Scientific Computing , 18 May 2022.**(SCOPUS)**

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19.   **Jeba Sheela** A, Gowthami M, "A hybrid DL with the Internet of Things to monitor human activities using wearable sensors",Measurement:Sensors(Elsevier),Volume 24,2022,100496,ISSN2665-9174,https://doi.org/10.1016/j.measen.2022.100496.**(SCOPUS)**

20.   **Dharaniya R**, Preetha Mb and Yashmi SC, "Bird Species Identification Using Convolutional Neural Network",Advances in Parallel Computing Algorithms, Tools and Paradigms,pp.380-386.**(SCOPUS)**

21.   **Bhavadharini, R.M.,** Karthik, S.," Blockchain Enabled Metaheuristic Cluster Based Routing Model for Wireless Networks", Computer Systems Science and Engineering 2023, 44(2), 1233-1250. https://doi.org/10.32604/csse.2023.025461.**(SCOPUS)**

22.   Hussain, M.M., **Kalpana Devi, S**.," Disease Forecast Using Machine Learning Algorithms", Journal of Applied Mathematics and Informatics.**(SCOPUS)**

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24.   Dr M Jayanthi, Dr.A.Saravanakumar, Parnab Ghosh, C. Balarama Krishna, **Mrs. D.Kavitha,** Dr.A.Sulthan Mohideen, "A Study Of Need For Guidance Among Adolescents In Relation To Their Educational Stream" (August 2022), NeuroQuantology, Volume 20, Issue 10, Page 1569-1577. doi: 10.14704/nq.2022.20.10.NQ55122.

25.   Kayalvizhi S , Nithya Priya J , Shruthi S V , Soundarya T ,"Smart Waste Management Using Geo Tracking of Waste for Sustainable Habitat", International Journal of Early Childhood Special Education, ISSN: 1308-5581, Vol. 14, No. 2,pages. 6671-6678, 2022.

Technical Paper Publications in International Conference in the Year 2022

1.   **Bhuvaneshwari S, Abirami A**, Ritanya S and Suvetha sri RP, "A Survey Paper on Automated Waste Segregator Based on Internet of Things Technology", The Electrochemical Society, ECS Transactions, Vol. 107, N.1, 2022.(0.64) (Scopus)

2.   **Abirami A**, Adharsya S R Deepitha K R and Kanaga Suba Raja, "A Machine Learning Methodology for Diagnosing Chronic Kidney Disease", The Electrochemical Society, ECS Transactions, Vol. 107, N.1, 2022.(0.64) (Scopus)

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6.   **S. Kalpana Devi**, K. Samy Durai, K. M. Shri Balaji and J. Ravi Kumar, "Fake Product Identification with the Help Of BlockChain Technology", presented a paper in IEEE conference ,8th Feb 2022. (Scopus)

7.   **S. Kalpana Devi**, Amirthavarshini D, Anbukani R S, Harini T K, "A Medical Decision Support System to Detect Covid-19 Pneumonia Using CNN", presented paper in IEEE conference ,8th Feb 2022. (Scopus)

8.   S.V.Mahesh Kumar A. Duraibabu; R. Nishanth; Vineeth M; **R. Sheeja** ,K. Suresh Kumar, "FR-4 based Single-Element Rectangular Microstrip Patch Antenna for ISM Band Applications", International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN),March 2022. (Scopus)

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10. **Justindhas Y**, Sabari Mutheeswari, Mohanraj, Shivani R, "A Synoptic Survey on Personality Prediction System using MBTI", 2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC), August 2022. (Scopus)

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14. **Sheeja, R.,** Umaeswari, P., Bibin, C., Nishanth, R., Ashok, K.G.Classification and prediction of cancer using data mining AIP Conference Proceedings, 2022, 2393, 020024(Scopus)

15. Bibin, C., Devan, P.K., Senthil Kumar, S., Madhu, S., **Sheeja, R**. Characterization of Nonedible Punnai Oil Biodiesel Derived by Two-Stage Transesterification(Scopus)

16. Datchanamoorthy Kavitha., Padmavathi B., Vishnu Prakash V., Yogesh S., Sikkandar Sahabudeen R. "Anomaly and activity recognition in a video surveillance using Masked Autoencoder" (2022), Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022, DOI: 10.1109/ICSES55317.2022.9914213. (Scopus)

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18. **S. Ahamed Ali, Y. Justindhas**, M. Lakshmanan, **P. Hari Kumar** and P. Baskaran, "Secured Cloud Data Outsourcing Model Using Two Party Integrity Scheme," 2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE), 2022, pp. 509-512, doi: 10.1109/ICACITE53722.2022.9823507. (Scopus)

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21. **B. Shyamala Gowri**, **A.Bhagyalakshmi**,"Recommending Merchandise by Fusing On-Line Product Scores and Objective Knowledge Supported Location", presented in the International Conference on Machine Learning Applications in Applied Sciences and Mathematics, Organized by Department of artificial Intelligence and Data Science, Easwari Engineering College, 30th and 31st March 2022.

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25. **Dr. J. Deepa**, "Currency and Obstacle Detection for Visually Impaired Using Deep Learning", presented in the International e-Conference on Computational Intelligence and Communication Networks EICCICN'22, organized by the Department of Information Technology and Computer Science and Engineering, Easwari Engineering College, Chennai on April 29th & 30th 2022.

26. **Lakshmanan M, Anandha Mala GS, "** Merkle Tree-Blockchain Assisted Privacy Preservation Of Electronic Medical Records On Offering Medical Data Protection Through Hybrid Heuristic Algorithm ",International e-Conference on Computational Intelligence and Communication Networks EICCICN'22, organized by the Department of Information Technology and Computer Science and Engineering, Easwari Engineering College, Chennai on April 29th & 30th 2022.

27. **Shankar Kumar, "**Hand Gesture Motion Based Controller Using Image Processing ",International e-Conference on Computational Intelligence and Communication Networks EICCICN'22, organized by the Department of Information Technology and Computer Science and Engineering, Easwari Engineering College, Chennai on April 29th & 30th 2022.

28. **Jeba Sheela.A**, Akash P, Deepesh B, Mouneeshwaran R, "Early Detection of Parkinson Disease Using Machine Learning", International e-Conference on Computational Intelligence and Communication Networks EICCICN'22, organized by the Department of Information Technology and Computer Science and Engineering, Easwari Engineering College, Chennai on April 29th & 30th 2022.

29. **Jeba Sheela**, S.Sri Hari Prasad, Sarath Kumar,"Driver Health Monitoring System Using IoT", International e-Conference on Computational Intelligence and Communication Networks EICCICN'22, organized by the Department of Information Technology and Computer Science and Engineering, Easwari Engineering College, Chennai on April 29th & 30th 2022.

STUDENT PUBLICATION – CALENDAR YEAR 2022

INTERNATIONAL JOURNAL

1. Bhuvaneshwari S, Abirami A, Ritanya S and Suvetha sri RP, "A Survey Paper on Automated Waste Segregator Based on Internet of Things Technology", The Electrochemical Society, ECS Transactions, Vol. 107, N.1, 2022.(SCOPUS)

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5. Kayalvizhi S , Nithya Priya J , Shruthi S V , Soundarya T ,"Smart Waste Management Using Geo Tracking of Waste for Sustainable Habitat", International Journal of Early Childhood Special Education, ISSN: 1308-5581, Vol. 14, No. 2,pages. 6671-6678, 2022.

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1. Kalpana Devi, Kumaran P, Gowtham Ram, Anirudh S ," Poaching Detection Using YOLO", International e-Conference on Computational Intelligence and Communication Networks" Page-2, 29th & 30th April 2022

2. Kalpana Devi S, Sharmila R, Soundharya S, Suganthi R ," Survey On Effective Safety System For Children Using Rfid And Face Recognition Technique ", International e-Conference on Computational Intelligence and Communication Networks" Page-9, 29th & 30th April 2022

3. Poorni R, Swetha Muralidharan, Shakthi Venkatachalapathy, Poojitha Thulasiram,"Survey On Automatic Meeting Summarization Using Abstractive Summarization Method ", International e-Conference on Computational Intelligence and Communication Networks" Page-9, 29th & 30th April 2022

4. K.P.K Devan, Dharmala Pranavi, A Kishore Shankar, E Aravinthan ," A Survey On Visual Aids For The Visually Impaired ", International e-Conference on Computational Intelligence and Communication Networks", Page-26, 29th & 30th April 2022

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6. Abirami A, Abirami H, Alekhya N ," Cryptocurrency Market Price Prediction Using Machine Learning ", International e-Conference on Computational Intelligence and Communication Networks", Page-35, 29th & 30th April 2022

7. Bhagya Lakshmi A, Aishwarayaa Laxmi BR, Abinaya R, Devasena R, "A Survey On Confinement Of Third-Party Libraries In Android Applications, ", International e-Conference on Computational Intelligence and Communication Networks" Page-36, 29th & 30th April 2022

8. Sowmiya M, Bhuvaneashvari K, Hariniya S, Monish L , "Tomato Leaf Disease Detection And It's Severity ", International e-Conference on Computational Intelligence and Communication Networks", Page-36, 29th & 30th April 2022

9. Harish Mohan, Aishwarya Nallusamy, Megavarshini Karuppusamy, Gowthami Mohan, "A Novel Approach To Display The Alphabets Based On Lip Movement For Impaired People Using Computer Vision",International e-Conference on Computational Intelligence and Communication Networks, Page-36, 29th & 30th April 2022

10. Poorni R, Swetha M, Shakthi V, Poojitha Thulasiram,"Automatic Meeting Summarization Using Abstractive Summarization Methods ", International e-Conference on Computational Intelligence and Communication Networks, Page-43, 29th & 30th April 2022

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16. Moorthy A, Lavanya N, Madhumitha PM ," Classification Of Alzheimer Disease Using Convolutional Neural Network ",International e-Conference on Computational Intelligence and Communication Networks, Page-58, 29th & 30th April 2022

17. Justindhas Y, Sabari Mutheeswari Mohanraj, Shivani R ," Personality Prediction System Using Mbti ",International e-Conference on Computational Intelligence and Communication Networks, Page-63, 29th & 30th April 2022

18. Lakshmanan M, Vikram H, Vikram Atreya C, Syed Omer Asfaq A," Augmented Random Search Based Autonomous Driving System ",International e-Conference on Computational Intelligence and Communication Networks, Page-63, 29th & 30th April 2022