

**SRI SAIRAM ENGINEERING COLLEGE**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**FACULTY PUBLICATIONS**

**INTERNATIONAL CONFERENCE ATTENDED**

**FOR THE ACADEMIC YEAR 2021 - 2022**

1. T. Sheela, M. R and H. S, "Energy Audit on Solar Energy Switching," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 102-105, doi: 10.1109/ICCCT53315.2021.9711860.
2. S. V. R, K. A, S. B and T. Sheela, "Cloud Based E-Commerce Application For Organic Fertilizers, Pesticides And Other Products And Crop Disease Identification Using Computer Vision," 2022 International Conference on Computer Communication and Informatics (ICCCI), 2022, pp. 1-3, doi: 10.1109/ICCCI54379.2022.9740833.
3. T. Sheela, V. Akila, B. Sravya and T. Harshitha, "Secure Online Examination System on Azure Cloud with Load Balancer," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 285-292, doi: 10.1109/ICCCT53315.2021.9711889.
4. G. A. Macriga, S. S. Sakthy, R. Niranjana and S. Sahu, "An Emerging Technology: Integrating IoT with 5G Cellular Network," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 208-214, doi: 10.1109/ICCCT53315.2021.9711799.
5. S. S. Sakthy, G. A. Macriga, J. A. Jasmine, V. V. Babu and N. M. Sayhanuddin, "Integrated Web Application for Skill Development and Job Application," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 106-110, doi: 10.1109/ICCCT53315.2021.9711801.
6. S. Subbiah, A. R, K. R and S. Nayagam, "Detectroops - A Street Mascara," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 111-116, doi: 10.1109/ICCCT53315.2021.9711828.
7. Saranya, S., Sudha, G., Subbiah, S., Kumar, P.S. (2023). Arduino-Based Circuit Breaker for Power Distribution Lines to Enhance the Safety of Lineman. In: Rajakumar, G., Du, KL., Vuppalapati, C., Beligiannis, G.N. (eds) Intelligent Communication Technologies and Virtual Mobile Networks. Lecture Notes on Data Engineering and Communications Technologies, vol 131. Springer, Singapore. [https://doi.org/10.1007/978-981-19-1844-5\\_55](https://doi.org/10.1007/978-981-19-1844-5_55).
8. M. Suresh Kumar, V. Kiruthika and L. Deepika, "Parklot - Automated Vehicle Parking System Using Optical Character Recognition," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 86-90, doi: 10.1109/ICCCT53315.2021.9711870.

9. M. SureshKumar, M. P. Shanmugapriya, A. Ramesh and M. Parthasarathy, "A Novel Recommended Approach for Optimized Smart Electricity using Deep Learning," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675747.
10. T. Subha, N. Susila, R. Ranjana, V. Priya and V. Nithyashree, "Analysis of Diabetic Retinopathy and Its Causes Using Fuzzy C-Means Model," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 527-532, doi: 10.1109/ICCCT53315.2021.9711840.
11. R. Ranjana, T. Subha, P. K. P, S. L, V. S and J. N, "Integrated App for Farmers - Agreliance," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 361-366, doi: 10.1109/ICCCT53315.2021.9711776.
12. R. Ranjana, T. Subha, P. K. Prithvi, S. B. Logeshwar, G. Chidambara Raja and S. Srinithi, "SPYDRAIN- An Integrated Mobile Application for Smart Drainage Management," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 127-132, doi: 10.1109/ICCCT53315.2021.9711877.
13. R. Ranjana, T. Subha, P. K. Prithvi, S. B. Logeshwar, G. Chidambara Raja and S. Srinithi, "SPYDRAIN- An Integrated Mobile Application for Smart Drainage Management," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 127-132, doi: 10.1109/ICCCT53315.2021.9711877.
14. J. A. Jasmine, S. Srinivasan, M. Godson, T. P. Rani and S. S. Sakthy, "Share Market Prediction Using Long Short Term Memory and Artificial Neural Network," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 13-16, doi: 10.1109/ICCCT53315.2021.9711849.
15. A. MV, R. TP and A. J. J, "Project Educate: A skill based e-learning for rural areas," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 219-222, doi: 10.1109/ICCCT53315.2021.9711825.
16. K. R. Saradha, S. Prathibha, M. R. Sivakumar and N. B. S. A. Sandeep, "Collaborative Web Search Using Group Conceptual Index," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 552-554, doi: 10.1109/ICCCT53315.2021.9711771.
17. R. Priyadharshini, S. J. Srinithi Samyuktha, G. Shamini, S. A. Jebamani, S. Prathibha and R. Punitha, "GSM Based Climate and Irrigation Monitoring System," 2021 4th

International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 560-563, doi: 10.1109/ICCCT53315.2021.9711866.

18. S. Prathibha, B. R, K. L. Nirmal Raja, K. M, S. M and A. Jebamani, "Navigating Alert for Visually Impaired Using Computer Vision Aided System," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 564-569, doi: 10.1109/ICCCT53315.2021.9711816.
19. S. V. R, K. A and S. Prathibha, "Smart Mobile Application for Water Supply Management in Urban Cities," 2021 International Conference on Computer Communication and Informatics (ICCCI), 2021, pp. 1-3, doi: 10.1109/ICCCI50826.2021.9402323.
20. A. S. H, S. Prathibha, P. K. P, S. F. M and Y. K. B, "Design of a Comprehensive Sensor based Soil and Crop Analysis System Model using Machine Learning Algorithms," 2021 4th International Conference on Recent Developments in Control, Automation & Power Engineering (RDCAPE), 2021, pp. 327-332, doi: 10.1109/RDCAPE52977.2021.9633648.
21. V. K. G. Kalaiselvi, A. Ponmalar, D. P. Rani, H. B and T. G. Srivatsav, "FARM-A-CATION: A support for farmers," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 97-101, doi: 10.1109/ICCCT53315.2021.9711798.
22. R. J, V. K. G. Kalaiselvi, A. Sheela, D. S. D and J. G, "Crop Yield Prediction Using Machine Learning Algorithm," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 611-616, doi: 10.1109/ICCCT53315.2021.9711853.
23. A. Ponmalar, K. Rajkumar, U. Hariharan, V. K. G. Kalaiselvi and S. Deeba, "Analysis of Spam Detection Using Integration of Logistic Regression and PSO Algorithm," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 396-402, doi: 10.1109/ICCCT53315.2021.9711903.
24. B. Kamala, K. S. Mahanaga Pooja, S. Varsha and K. Sivapriya, "ML Based Approach to Detect Autism Spectrum Disorder (ASD)," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 313-318, doi: 10.1109/ICCCT53315.2021.9711826.
25. B. Kamala and B. Latha, "Process Mining and Deep Neural Network approach for the Prediction of Business Process Outcome," 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT), 2022, pp. 1-4, doi: 10.1109/IC3IOT53935.2022.9767941.
26. S. Swetha, J. Vijayalakshmi and S. Gomathi, "Social Distancing and Face Mask Monitoring System Using Deep Learning Based on COVID-19 Directive Measures,"

2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 520-526, doi: 10.1109/ICCCT53315.2021.9711880.

27. S. Gomathi, D. I and J. Vijayalakshmi, "Secure E-Governance System To Preserve Justice And Right Decision Making Using Cloud Computing," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 305-308, doi: 10.1109/ICCCT53315.2021.9711821.
28. J. Julie, J. J. Athanesious, S. Adharsh and J. R. P, "Novel Disease detection for paddy crop using CNN with Transfer Learning," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 252-255, doi: 10.1109/ICCCT53315.2021.9711912.
29. J. Julie, J. J. Athanesious, T. Santhosh and B. Vigneshwar, "Novel weed detection algorithm for sesame crop using Region-Based CNN with Support Vector Machine," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 247-251, doi: 10.1109/ICCCT53315.2021.9711885.
30. S. Pravinth Raja, S. S. Rachel and S. R, "Women's Safety with a Smart Foot Device," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 570-573, doi: 10.1109/ICCCT53315.2021.9711778.
31. B. Renukadevi, M. Eswaran, S. P. Kumar, S. Keerthana and B. Karthika, "Face Recognition Based Locker and Gesture Based Home Appliance Control System," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 117-120, doi: 10.1109/ICCCT53315.2021.9711812.
32. M. Eswaran, C. J. Devi, B. Renukadevi, P. Rayavel and B. Varniha, "The Essential Technique for Farm Controlling Using Cloud-Based Wireless Communication IoT System," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 230-235, doi: 10.1109/ICCCT53315.2021.9711856.
33. K. R. Saradha, S. Prathibha, M. R. Sivakumar and N. B. S. A. Sandeep, "Collaborative Web Search Using Group Conceptual Index," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 552-554, doi: 10.1109/ICCCT53315.2021.9711771.
34. R. Priyadharshini, S. J. Srinithi Samyuktha, G. Shamini, S. A. Jebamani, S. Prathibha and R. Punitha, "GSM Based Climate and Irrigation Monitoring System," 2021 4th International Conference on Computing and Communications Technologies (ICCCT), 2021, pp. 560-563, doi: 10.1109/ICCCT53315.2021.9711866.
35. S. Prathibha, K. R. Saradha, M. R. Kumar and J. S. Jaiswal, "Attentive Amigo - Student's alertness Indicator app," 2022 International Conference on Communication,

Computing and Internet of Things (IC3IoT), 2022, pp. 01-05, doi: 10.1109/IC3IOT53935.2022.9767926.

36. J. Ranjani, V. K. G. Kalaichelvi, S. Anbalagan, N. K. S and M. R. Sudarsan, "A Deep study of Data science related problems, application and machine learning algorithms utilized in Data science," 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT), 2022, pp. 1-6, doi: 10.1109/IC3IOT53935.2022.9767897.
37. V. K. G. Kalaiselvi, P. R. D., J. Ranjani, V. K. S. M. and M. P. S., "Illegal Fishing Detection using Neural Network," 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT), 2022, pp. 1-4, doi: 10.1109/IC3IOT53935.2022.9767876.