

Publication Details for **Dr. N. MUTHUKUMARAN (Last 5 Years)**

1. J. Rebekah, D. C. J. W. Wise, D. Bhavani, P. Agatha Regina and N. Muthukumaran, "Dress code Surveillance Using Deep learning," 2020 International Conference on Electronics and Sustainable Communication Systems (ICESC), Coimbatore, India, 2020, pp. 394-397,
2. S. Gayathri, D. C. J. W. Wise, P. B. Shamini and N. Muthukumaran, "Image Analysis and Detection of Tea Leaf Disease using Deep Learning," 2020 International Conference on Electronics and Sustainable Communication Systems (ICESC), Coimbatore, India, 2020, pp. 398-403,
3. Jeeva. R, Muthukumaran. N, 'Identification of Fictitious Messages in Social Network using E-Hits and Newsapi', International Journal of Innovative Technology and Exploring Engineering, Vol. 9, Issue. 10, pp. 7- 11, August 2020.
4. A.Karthika, N. Muthukumaran, R. Joshua Samuel Raj, 'An Ads-Csab Approach for Economic Denial of Sustainability Attacks in Cloud Storage', International Journal of Scientific & Technology Research, Vol. 9, Issue. 04, pp. 2575-2578, April 2020.
5. R. Joshua Samuel Raj, T.Sudarson Rama Perumal, N.Muthukumaran, 'Road Accident Data Analytics Using Map – Reduce Concept', International Journal of Innovative Technology and Exploring Engineering, Vol. 8, Issue. 11, pp. 1032- 1037, September 2019.
6. N. Muthukumaran, N.Ruban Guru Prasath and R. Kabilan, "Driver Sleepiness Detection Using Deep Learning Convolution Neural Network Classifier," 2019 Third International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), Palladam, India, 2019, pp. 386-390.
7. Dr. N. Muthukumaran, V.P. Anubala, R. Nikitha, 'Performance Analysis of Hookworm Detection using Deep Convolutional Neural Network', IEEE Xplore, 2018 International Conference on Smart Systems and Inventive Technology (ICSSIT), July 2019, pp.348-354,
8. Dr. N. Muthukumaran, Jayaraman.G, Vanaja.A, Santhamariammal.R, 'Design and Analysis the Fire Fighting Robot', International Journal of Emerging Technology and Innovative Engineering, Volume 5, Issue 9, pp. 690-695, September 2019, (Abstract ID: 3446709), SSRN Elsevier Electronic copy.
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10. Dr. N. Muthukumaran, Dr. R. Joshua Samuel Raj, Manjula. R, Pavithra. L, Nagalakshmi. T, 'Automatic Identification and Management in Parking Lot through IOT', International Journal of Emerging Technology and Innovative Engineering, Volume 5, Issue 7, pp. 539-543, July 2019, (Abstract ID: 3431708), SSRN Elsevier Electronic copy.

11. Dr. N. Muthukumaran, Dr. R. Joshua Samuel Raj, Surya. A, Thameez Muhyideen. M, Narayanan @ Vinoth kumar. T, 'Intelligent Sensor Based Monitoring System for Underwater Pollution', International Journal of Emerging Technology and Innovative Engineering, Volume 5, Issue 7, pp. 576-580, July 2019, (Abstract ID: 3431868), SSRN Elsevier Electronic copy.
12. Dr. N. Muthukumaran, F.M. Aiysha Farzana, Abhinaya. M. K, Mrs.Friska, 'Design of Button Antenna for Wireless Body Network using HFSS', Indo-Iranian Journal of Scientific Research, Vol. 3, No. 1, pp. 48-54, January 2019, SSRN Elsevier Electronic copy.
13. Dr. N. Muthukumaran, F.M. Aiysha Farzana, Hameedhul Arshadh. A, Sara Safreen. M, 'Design and Analysis for Removing Salt and Pepper Noise in Image Processing', Indo-Iranian Journal of Scientific Research, Vol. 3, No. 1, pp. 42-47, January 2019, SSRN Elsevier Electronic copy.
14. Dr. N. Muthukumaran, A.Srinithi, E.Sumathi, K.Sushmithawathi, M.Vaishnavi, 'An Embedded Based Integrated Flood Forecasting through HAM Communication', Asian Journal of Applied Science and Technology, Vol. 3, No. 1, pp. 63-67, January 2019, (Abstract ID: 3356998), SSRN Elsevier Electronic copy.
15. Dr. N. Muthukumaran, F.M.Aiysha Farzana, Hameedhul Arshadh. A, Ganesan. J, 'High Performance VLSI Architecture for Advanced QPSK Modems', Asian Journal of Applied Science and Technology, Vol. 3, No. 1, pp. 45-49, January 2019, (Abstract ID: 3356989), SSRN Elsevier Electronic copy.
16. Dr. N. Muthukumaran, Banumathi.A, Banupriya.A, Niranjana.R, Jayaraman.G, 'Advanced Illumination Measurement System in Highways', Asian Journal of Applied Science and Technology, Vol. 3, No. 1, pp. 39-44, January 2019, (Abstract ID: 3356982), SSRN Elsevier Electronic copy.
17. Dr. N. Muthukumaran, P.Venkateswari, E.Jebitha Steffy, 'License Plate cognizance by Ocular Character Perception', International Research Journal of Engineering and Technology, Vol. 5, No. 2, pp. 536-542, February 2018.
18. Dr. N. Muthukumaran, B.Renuka, B.Sivaranjani, A.Maha Lakshmi, 'Automatic Enemy Detecting Defense Robot by using Face Detection Technique', Asian Journal of Applied Science and Technology, Vol. 2, No. 2, pp. 495-501, April 2018, SSRN Elsevier Electronic copy.
19. Dr. N. Muthukumaran, Ms.Mary Varsha Peter, Ms.V.Priya, Ms.H.Petchammal, 'Finger Print Based Smart Voting System', Asian Journal of Applied Science and Technology, Vol. 2, No. 2, pp. 357-361, April 2018.
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22. N. Muthukumaran, 'Analyzing Throughput of MANET with Reduced Packet Loss', Wireless Personal Communications, Vol. 97, No. 1, pp. 565-578, November 2017, SPRINGER, Annexure I Journal.
 23. N. Muthukumaran, Mrs R.Sonya, Dr.Rajashekhara and Chitra V, 'Computation of Optimum ATC Using Generator Participation Factor in Deregulated System', International Journal of Advanced Research Trends in Engineering and Technology, Vol. 4, No. 1, pp. 8-11, January 2017.
 24. N. Muthukumaran & Dr. R. Ravi, 'Hardware Implementation of Architecture Techniques for Fast Efficient loss less Image Compression System', Wireless Personal Communications, Vol. 90, No. 3, pp. 1291-1315, October 2016, SPRINGER, Annexure I Journal.
 25. N. Muthukumaran and Mrs. J. Keziah, 'Design of K Band Transmitting Antenna for Harbor Surveillance Radar Application', International Journal on Applications in Electrical and Electronics Engineering, Vol. 2, No. 5, pp. 16-20, May 2016.
 26. N. Muthukumaran and Mr. B. Manoj Kumar, 'Design of Low power high Speed CASCADED Double Tail Comparator', International Journal of Advanced Research in Biology Engineering Science and Technology, Vol. 2, No. 6, pp.18-22, June 2016.
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32. Muthukumaran, N., Ravi, R. (2014). 'Quad Tree Decomposition Based Analysis of Compressed Image Data Communication for Lossy and Lossless Using WSN'. World Academy of Science, Engineering and Technology, Open Science Index 93, International Journal of Information and Communication Engineering, 8(9), 1693 - 1699, Annexure II Journal.