# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## Technical Paper Publications in International Journal in the Year 2019

1. K. M. Anandkumar, A. Ramachandran, R. Arunprakash, B. Manikandan, "New Wireless Multifunctional Smart Robot for Border Security Surveillance with Real Time Object Recognition", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3, September 2019 **DOI:10.35940/ijrte.C5432.098319 (Scopus)**

2. Ramya Devi R, Anandhamala G S, "Analysis of Breast Thermograms Using Asymmetry in Infra-Mammary Curves", Journal of Medical Systems, Springer Nature Publisher, ISSN: 0148-5598 (Print) 1573-689X (Online), Volume 43, Issue 6, April 2019. **https://doi.org/10.1007/s10916-019-1267-8, Impact Factor 2018: 2.098 (SCI)**

3. Dr.S. SobithaAhila, D.SivakumarM.Naveen Nanda , Nivedita, Suresh Kumar Nair, Sruthi Kannan  "Traffic Lights Analysis and Manipulation for Emergency Vehicles Using Deep Learning Algorithm", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S5, April 2019, **Retrieval Number:F13320476S519/19©BEIESP (Scopus)**

4. Dr.S. SobithaAhila, D.Sivakumar, Ashwin Suganthan, Arunkumar.M , Manish Kumar S  "BOT-O- PEDIA - Learning Simplified", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S5, April 2019 **Retrieval Number:F13370476S519/19©BEIESP (Scopus)**

5. Priyadarshini R, Prof. S Kayalvizhi, A Geetha, Premkumar T, "Data Driven Scene Classification to Analyze ADAS", International Journal of Recent Technology and Engineering (IJRTdE),ISSN: 2277-3878, Volume-8 Issue-2S4, July 2019, **DOI: 10.35940/ijrte.B1020.0782S419 (Scopus)**

6. Radha, S.Bhuvaneswari, kathiravankannan, "Fuzzy-Based Cluster Head Amendment (FCfHA) Approach to Prolong the Lifetime of Sensor Networks", Journal of Wireless Personal Communication, **DOI: https://doi.org/10.1007/s11277-019-06800-5,**Print ISSN0929-6212, Online ISSN1572-834X, 2019 **(Scopus)**

7. G.Dinesh,C.Rajinikanth ,Dr.P.Maheswara Venkatesh, T.V.Vanitha, "An Optimized Dijkstra's SPF Algoritham used MultiHop Clustering for Scalable IoT Systems",

International Journal of Advanced Science and Technology Vol. 28, No. 14, (2019), pp. 298-306, ISSN: 2005-4238. **(Scopus)**

8.  V.S.Vidhyalakshmi, A.Geetha, Dr S.SobithaAhila, "Real Estate Management Using Smart Contracts", International Journal of Advanced Science and Technology Vol. 28, No. 13, (2019), pp. 616-621 ISSN: 2005-4238 IJAST. **(Scopus)**

9.  V Mercy Rajaselvi, KG Arun,VAkash,GKeerthananjali, "A Virtual Scribe System Using Convolutional Neural Network to Aid the Physically Challenged" International Journal of Advanced Science and Technology Vol. 28, No. 12, (2019), pp. 430-440 **(Scopus)**

10. Prof. S.Kayalvizhi , Mrs. D. AmirthaSughi , Divyalakshmi.R, "Automation in Manufacturing and Retail Industry using Smart Labels" International Journal of Advanced Science and Technology Vol. 28, No. 12, (2019), pp. 450-459 **(Scopus)**

11. Dr.R.M. Bhavadharini ,Mrs.D.AmirthaSughi , Sagariga Sundar, Sumalatha P SundariSwathy Meena H, "Intraday Stock Trend Analysis Based on Social Sentiments and Prediction of Entry and Stop loss", International Journal of Advanced Science and Technology Vol. 28, No. 12, (2019), pp. 420-429**. (Scopus)**

12. K.P.K.Devan, P.Harikumar, "Computing Minimum Support Price to Promote Agriculture as a Sustainable Model", International Journal of Advanced Science and Technology Vol. 28, No. 12, (2019), pp. 411-419. **(Scopus)**

13. K. Keerthana, S. Krithika, R. Lavanya Sri, M.Bhanumathi, "Automatic Detection of Diabetic Retinopathy Lesions", International Research Journal of Engineering and Technology (IRJET), Volume: 06 Issue: 03 ,Mar 2019, e-ISSN: 2395-0056**.**

14. V. Rekha Senthilkumar ,C.Rahul Kiron , M.Vishnuvarthan , M.Vishnukumar, "A new approach to product recommendation systems" International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 06 Issue: 03, Mar 2019

15. Nithya R, Oviyaa B, SandyaG,Mrs.S.Kalpana Devi, "Intelligent Content Consicer Using Pointer Generated Network Approach" International Journal of Research and Analytical Reviews (IJRAR), volume 6 ,Issue 1, march 2019, E-ISSN 2349-5162**. (Scopus)**

16. RathinaPriya.V, Kishore Kumar.M, Lenin Nilavarasan.F, Manoj.B.R "A Cumulative Use Of Sensing Nodes To Protect Forest Against Poaching", JETIR , March 2019, Volume 6, Issue 3, ISSN-2349-5162. **(Scopus)**

17. Keerthanna G. S,Praveen Kumar P, Vishnu Prasad K, S.SriHeera, "A Modern Technique for Unauthorized Human Detection and Intimation", "International Journal of Trend in Research and Development", Volume 3 Issue: 3, ISSN: 2456 – 6470, 2019. **(Scopus)**

18. S.Kavya, Sri Heera, S.Farisha, S.AngelVergina, "Agriculture: Integration Of Blockchain And IoT", "International Journal of Science and Innovative Engineering & Technology", Volume 3, ISBN 978-93-81288-18-4, 2019. **(Scopus)**

19. ..Ranichandra, Antony Sundar.H,Gautam Sandeep KT ,Krithin Rajesh, "RFID based smart Dustbin for smart cities" International Research Journal of Engineering and Technology, Volume: 06 Issue: 03, Mar 2019, e-ISSN: 2395-0056. **(Scopus)**

20. Venkata Naga Rani B, Akshay S, Arun kumar M, Ishwar Kumar M A "Decentralized E-Voting System", International Research Journal of Engineering and Technology (IRJET) Volume: 06 Issue: 03, Mar 2019 , e-ISSN: 2395-0056

21. Devaki Priya V, Harini S, Haripriyaa A, Dharaniya R., "A Novel Approach – Automatic paper evaluation system", International Research Journal of Engineering and Technology (IRJET)  Volume: 06 Issue: 03, Mar 2019, e-ISSN: 2395-0056.

22. K.Arunkumar, S. Arun, S. Dhiyanesh, S. Divya, "Real time immersive 3D data visualization", Published in JETIR, Volume 6 Issue 3 , March-2019, ISSN : 2349-5162 **(Scopus)**

23. Bhagyalakshmi. P, Indhumathi. P, Lakshmi. R, Dr. Bhavadharini, "Real Time Video Surveillance for Automated Weapon Detection",  International Journal of Trend in Scientific Research and Development (IJTSRD), Volume: 3 | Issue: 3 | Mar-Apr 2019, e-ISSN: 2456 – 6470

24. Harikumar P, "Secure distributed cloud service using trusted third party", International Journal of Advance Research, Ideas and Innovations in Technology, Volume 5, Issue 2,march 2019, ISSN: 2454-132X **SCI Impact factor: 4.295 (Scopus)**

25. Abdul Rahuman Aslam M A, Gobinathan V, Krishnan K, Rajasekaran G, "Prediction of cab demand using machine learning", International Research Journal of Engineering and Technology (IRJET) ,e-ISSN: 2395-0056 ,Volume: 06 Issue: 03 Mar 2019.

26. Geetha, A., SobithaAhila, S., Vidhya Lakshmi, V.S., Kalpana Devi, S., "An empirical research for secured storage and protecting unauthorized access of organ donor details", International Journal of Engineering and Advanced Technology , September 2019 , Volume 8 , 6 Special issue 3, **DOI: 10.35940/ijeat. F1257.0986s319. (Scopus)**

27. Sri Heera, S., Suganthan, P., Athreya, S.S., Narasimman, S.S., Rakesh, M. , "Automated irrigation and smart farming " International Journal of Engineering and Advanced Technology, Volume 8 , 6 special issue 3, September 2019, DOI: **10.35940/ijeat.F1258.0986s319 (Scopus)**

28. Murthy, P.V.N.S.L.S.S.R., Khanaa, V., Bandaru, V.N.R., Abirami, A., "Secure auditing and storage systems in cloud service " International Journal of Engineering and Advanced Technology , Volume8 , 6 special issue 3 , **DOI : 10.35940/ijeat.F1259.0986S319, (Scopus)**

29. Anbu, M., Anandha Mala, G.S. , "Feature selection using firefly algorithm in software defect prediction " Cluster computing , Volume 22, DOI: 2019, DOI : **10.1007/s10586-017-1235-3 (Scopus)**

30. Geetha, S., Ramamoorthy, S., Kanya, N., Anandha Mala, G.S. , "Extraction of sequence of actions from unstructured requirements specification document " Journal of Computational and Theoretical Nanoscience, 2019, volume 16, volume 16, DOI : **10.11666/jctn2019.7857, (Scopus)**

31. Naveen Nanda, M., Venkata Subramanian, D., Kalyan Chakravarthy, N.S., "C-score: An alternative banking methodology " , International Journal of Recent Technology and Engineering, September 2019, voluime8, 2 special issue 11, DOI: **10.35940/ijrte.B1284.0982S1119, (Scopus)**

32. **P.Harikumar, K.P.K.Devan, K.M.Anandkumar**, R.Arunprakash, "A Design of a Patient-Customized Healthcare System for Learning Blood Circulation System(I-Lbcs) by Game - Learning Environment (G-Le)", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2, December 2019. **(SCOPUS)**

33. **R. Poorni,** V. Sai Kumari, V. Sunitha, **S. Bhuvaneswari , "**M-Commerce for Agriculture Commodities using Android Application", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019**(SCOPUS)**

34. **A.Abirami, R.M. Bhavadharini,** N.B.Prakash, G.R.Hemalakshmi"Network Intrusion Detection and Measuring the Data Set, Performance by Machine Learning Technique (MLT) ",International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019 **(SCOPUS)**

35. **K.Arunkumar,** S.Srinivasan, A.Beno,W.Mesiya Stalin, "Metamaterial Inspired Microstrip Offset Feed Truncated Antenna for Automotive Radar Application",International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019. **(SCOPUS)**

36. P.Baskaran, D.Selvapandian,JebakumarImmanuel.D, **R.M.Bhavadharini**, "IoT based water Quality Monitoring System using Machine Learning", International Journal of recent Technology and Engineering(IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, November 2019. (DOI:10.35940/ijrte.D9169.118419**(SCOPUS)**

37. D.AmirthaSughi**,**R.M.Bhavadharini, K.M.Anandkumar, R.Arunprakash "Cloud-based Smart Grid ArchitectureforSecured Big Data Information Management",International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2, December 2019**(SCOPUS)**

38. Rathinapriya Vasu, Bhumikka UD, Divya.K , "An Exigent Device that aids to Educate the Attention Deficit Hyperactivity Disorder(ADHD) Children",International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019, DOI: 10.35940/ijeat.B4043.129219**(SCOPUS)**

39. Rajasekaran, M. Lakshmanan, Venkata Naga Rani Bandaru, "A Novel Framework for Video Delivery to Handheld Devices using Cloud Environment", Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019, DOI: 10.35940/ijeat.B4042.129219**(SCOPUS)**

40. Harikumar P, Chandrasekar S, Gopikrishna G, Dinesh Kuar V, "Secure distributed cloud service using trusted third party", International Journal of Advance Research, Ideas and Innovations in Technology, Volume 5, Issue 2,march 2019,ISSN: 2454-

132X

41. P.Baskaran, Dr.K.Karuppasamy, "Comparative study of multipath implications in wireless networks, International journal of Computer science and information technology research,ISSN:2348-1196, Vol 7, Issue 2, June 2019.

## Technical Paper Publications in International Conference in the Year 2019

1. Dr.S. Sobitha Ahila, Esther Grace m, "Coronary heart disease (cad) monitoring system based on wireless sensors", 9th International conference on science and innovative engineering ICSIE 2019 at Jawahar engineering college, Chennai, held on March 24th, 2019.
2. Kalpanadevi S, "One-Stop Smart Ticketing System for Public Transportation", International Conference on Innovative Engineering Initiatives ICIEI 19, SRMTRP Engineering College on 13,14 March 2019, near Samayapuram, Trichy.
3. S.SriHeera, "Agriculture: Integration of Blockchain and IoT", is presented in 9th International conference on science and Innovative Engineering conducted by Jawahar Engineering College on 24 March 2019.
4. Kalpana Devi S, "Intelligent Content Consicer using Pointed Generated Network Approach", NCRRAC19 conducted by SRM institute science and technology on 5 April 2019.
5. Geetha A, Vidya S, Vinitha R, "Advanced Driver Assistance System using Convolutional Neural Network", 4th International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems April 11 - 13, 2019 Organized by Department of Software Engineering, School of Computing, SRMIST – Kattankulathur.
6. Geetha A, Ishwarya R M, Karthik R, "Secure Storage and Accessing of Organ Donor Details", 4th International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems, April 11 - 13, 2019 Organized by Department of Software Engineering, School of Computing, SRMIST – Kattankulathur.
7. R.Poorni, M.Lakshmanan, S. Bhuvaneswari , "DIGICERT: A Secured Digital Certificate Application using Blockchain through Smart Contracts", IEEE conference-International Conference on Communication and Electronics Systems (ICCES 2019), 17th -19th Jul 2019, PPG Institute of Technology, Coimbatore, India.

## STUDENT PUBLICATION –CALENDAR YEAR 2019

### INTERNATIONAL JOURNAL

1. D.Sivakumar,M.Naveen Nanda , Nivedita, Suresh Kumar Nair, Sruthi Kannan "Traffic Lights Analysis and Manipulation for Emergency Vehicles Using Deep Learning Algorithm", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S5, April 2019, Retrieval

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12. Ranichandra, Antony Sundar.H,Gautam Sandeep KT ,Krithin Rajesh, "RFID based smart Dustbin for smart cities" International Research Journal of Engineering and Technology, Volume: 06 Issue: 03, Mar 2019, e-ISSN: 2395-0056. (Scopus)

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17. Abdul Rahuman Aslam M A, Gobinathan V, Krishnan K, Rajasekaran G, "Prediction of cab demand using machine learning",  International Research Journal of Engineering and Technology (IRJET) ,e-ISSN: 2395-0056 ,Volume: 06 Issue: 03  Mar 2019.

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1. Vidya S, Vinitha R, "Advanced Driver Assistance System using Convolutional Neural Network", 4th International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems April 11 - 13, 2019 Organized by Department of Software Engineering, School of Computing, SRMIST – Kattankulathur.

2. Ishwarya R M, Karthik R, "Secure Storage and Accessing of Organ Donor Details", 4th International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems, April 11-13, 2019 Organized by Department of Software Engineering, School of Computing, SRMIST – Kattankulathur.