

DEPARTMENT OF INFORMATION TECHNOLOGY

STAFF PUBLICATIONS

2016-2017

INTERNATIONAL JOURNALS

- 1.M.Uma& T.Sheela,"Analysis of Collaborative Brain Computer Interface (BCI) based personalized GUI for differently Abled", Intelligent Automation & Soft computing,pp:1-11,2017
- 2.V.Akila, Dr.T.Sheela,G.Adiline Macriga,"Efficient Packet Scheduling Technique for Data Merging in Wireless Sensor Networks", China Communications,pp:35-46,vol.14,no.4,2017
- 3.K.Latha,T.Sheela,"Cloud Security Using Biometric Access Control And Watermarked ECG", International Journal of Pharmacy & Technology,pp:28315-28322,vol.9,no.1,2017
- 4.V.Akila, Dr.T.Sheela,"An efficient TDMA Technique with priority queues in Wireless Sensor Networks",International Journal of Pharmacy & Technology,pp:21690-21700,vol.8,no.4,2016
- 5.T.Sheela, P. Muthusamy,"Light Weight Random Bit Hashing Technique Based Addressing Scheme Based Sybil AttaEk Detection for Menet ",International Journal of Computer Technology and Applications,pp:1-9,vol.9,no.28,2016.
- 6.Nithya, T.Sheela,"Cryptohashing: An Efficient Privacy Peserving Data Publishing", International Journal of Control Theory Applications,pp:49-55,vol.9,no.28,2016

- 7.Nithya, T.Sheela,"Slicing+: An Efficient Privacy Preserving Data Publishing",Indian Journal of Science and Technology ,pp:1-8,vol.9no.21,2016
- 8.R.Valarmathi,T.Sheela,"A Novel Hierarchical Scheduling Method for Managing Parallel Workloads in Cloud",Global Journal of Pure and Applied Mathematics,pp:1647-1662,vol. 12,no.2, 2016
- 9.T.Sheela, B.Swetha,"Secure Information In Social Network Using cryptographic Techniques", International Journal Of Science And Innovative Engineering & Technology,pp:1-6,vol.1, 2016
- 10.V.Akila, Dr.T.Sheela,G.Adiline Macrigna,"Efficient Packet Scheduling Technique for Data Merging in Wireless Sensor Networks", China Communications,pp:35-46,vol.14,no.4,2017
- 11.C. Vijayakumaran, T. Adiline Macria and S. Veenadhari,"An Integrated Trust based Inter-Cluster and Intra-Cluster Communication for Secure Multicast Routing in MANETs",Middle-East Journal of Scientific Research,pp:95-101,vol.25,no.1,2017
- 12.M.R. Yuvaraj, G.Adiline Macrigna, and S. Veenadhari,"Proxy Based Resource Allocation and Access in Cloud Environment",International Journal of Innovative Research in Science, Engineering and Technology,pp:1360-1369,vol.6.no.1,2017
- 13.Sankari S and Varalakshmi Perumal,"Research Confront in Software Defined Networking Environment: A Survey",Communications in Computer and Information Science, Springer pp:600-608,vol. 628,2016
- 14.M.Suresh Kumar,Rahul Mistry,"Optimized Job scheduling Based on Workload in Hadoop", International Journal of Emerging Technology in Computer science and Electronics (IJETCSE),vol.24,no.6,2017

- 15.M.Ananthi and M.R.Sumalatha,"Efficient Query Processing of Streaming Data Using Dynamic Heuristic Optimization Approach",Asian Journal of Information Technology,pp: 2671-2678,vol.15,no.15, 2016
- 16.M. Ananthi, Nikat Parveen,"Network Monitoring Tools and it's Parameters",Jour of Adv Research in Dynamical & Control Systems,pp:98-102,vol.9,no.1,2017
- 17.Subha T, S.Jayashri,"Public auditing scheme for data storage security in cloud computing", Journal of information science & engineering,pp:773-787,vol.33,no.3,2017
- 18.Soma Prathibha,B.Latha & G.Sumathi,"An Improved Multi-objective optimization for workflow scheduling in cloud", Journal of Internet Technology,pp:589-599,vol.18,no.3,2017
- 19.Bhuvanapriya, Rozil banu, Sivapriya and Kalaiselvi V.K.G,"Online Voter ID Generation with Online Voting System and Result Generation at an Instance of Time",IOSR Journal of Computer Engineering (IOSR-JCE),pp: 30-33, vol.18,no.6,2016
- 20.Archana D, Boomija G, Manisha J and Kalaiselvi V.K.G,"Innovations in Bike Systems to provide A Safe Ride Based on IoT",International Journal of Modern Engineering Research (IJMER),pp:29-31,vol.7,no.2,2017
- 21.Kalaiselvi V.K.G,"Security Issues and Solutions in Cloud Computing Architectures: An Overview",International Journal of Scientific Research,pp:50-53,vol.6,no.2,2017
- 22.S.Susila Sakthy,D.Saranya,"Intelligent Load Balance Clustering in Wireless Sensor Networks",International Journal of Latest trends in Science and Technology,pp:51-56,Special Issue NCTRCC-2016,

23.K.M.Anitha,S.Harini,S.Keerthana,P.Saranya,"Health care System with the Semantic of Key Phrases using NLP Technique",International Journal of Science and Innovative Engineering and Technology,vol.3,2017

24.V.Narmadha,V.S.Sowmiya,S.Sujatha R.Aditi , "Clinical Document Architecture Integration Technique for Monitoring Patient's Medical Status",International Journal of Science and Innovative Engineering & Technology,pp:1-3,vol.3,2017

25.B.Renukadevi, S.Swetha, S.Umarani, E.Rajalakshmi,"A Digital Surveillance System for Air Pollution",International journal of science and innovative engineering & technology(IJSIET),no.1,2017

26.KAMALI.A,NITHYA.E,PRIYADHARSHINI.J,"Bluetooth based accident prevention and crime control of vehicles",International Journal of Multee-Disciplinary Research (IJMR),pp: 61-65,vol.3,no.1,2017

INTERNATIONAL CONFERENCES

1.T.Sheela and N.Sumathi,"An Empirical study on Analyzing the distortion detection on OSN using NLP & SA in Banking Institution",2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai,2017

2.T.Sheela and Valarmathi,"A Comprehensive survey on task scheduling for parallel workloads based on particle swarm optimization under load environment",2017 Second International Conference on Computing and Communication Technologies (ICCCT'17)

on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

3.T.Sheela and Bharathi ,”Debris and eutrophication control for industrial environmental monitoring using IOT”, 2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

4.T.Sheela and Akila,”Preserving Data and Key privacy in data Aggregation for wireless sensor networks”,2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

5.Adiline Macriga. G, C. Vijayakumaran ,”An integrated Game Theoretical Approach to detect misbehaving nodes in MANETs “,2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

6.S.R. Surya, Adiline Macriga. G,”A survey on wireless networks attacks “,2017Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

7.S R Surya, Dr.G Adiline Magrica,”Semi-Supervised Learning Approach against Sybil Attacks in Wireless Networks Without Trusted Authorities”,International Conference on

Recent Trends in Computing and Information Technology, SRM University, Chennai, 2017

8.Kruthiga. K, Anusudha. S, Adiline Macriga. G Artificial voice synthesizer using Fuzzy logics, “The translator for Dumb”,2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

9.Sankari Subbiah, Sathya Mala and Sushmi Tushra,”Navigation Gadget For Visually Impaired Based on IoT”, 2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

10.Sankari Subbiah and M.Priyanka,”Comparative Analysis on Virtual Machine Assignment Algorithms”,2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

11.Sankari Subbiah and Sathya Mala,”Job Starvation Avoidance with Alleviation of Data Skewness in Big Data Infrastructure”,2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

12.Sankari Subbiah,Varalakshmi Perumal,”Energy Awake Network Traffic Steering using SDN in Cloud Environment 2017 Second International Conference on Recent Trends and Challenges in Computational Models (ICRTCMM17) Organised by

Department of Computer Science and Engineering, University College of Engineering,
Tindivanam campus.

13.Sankari S and Varalakshmi Perumal,"Research Confront in Software Defined
Networking Environment: A Survey",International Conference on Smart Trends for
Information Technology and Computer Communications (SMARTCOM2016),Jaipur,6-7
August 2016

14.Sankari Subbiah,Varalakshmi Perumal,"Power Aware Traffic Management in the
Virtual Local Area Network Based Cloud Environment International Conference on
Mathematical Computing Engineering (ICMCE 2016), Mathematics Division, School of
Advanced Studies (SAS), VIT University, Chennai

15.N.Vennila and P.Prakash,"SC-FDMA MIMO DETECTORS USING
MATLAB",2017 Second International Conference on Computing and Communication
Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of
Information Technology, Sri Sai Ram Engineering College, Chennai

16.M.SureshKumar, P.Varalakshmi,"A Heuristic Approach For Web Service Selection
And Composition With Cost Optimization",2017 Second International Conference on
Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February,
2017 in the Department of Information Technology, Sri Sai Ram Engineering College,
Chennai

17.M.SureshKumar, S.Rajesh,"ENERGY OPTIMIZATION IN SCHEDULING THE
CONTAINER LOAD AND JOB SCALING",2017 Second International Conference on
Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February,

2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

18.M.SureshKumar, Rahul Mistry,"Optimized Job Scheduling Based On Workload In Hadoop Proceedings of International Conference on Recent Research in Engineering 2017 ICRRE 2017, SKR Engineering College

19.M.Ananthi,S.Rajakumari,S.Azhagumeena,A.Brindha devi,"Upgraded Living-Think Iot And Big Data",2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

20.Nikat Parveen, M.Ananthi,"Data Processing for Large database using Feature Selection", 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

21.M.Ananthi, Sreedhevi D K and M.R. Sumalatha,"Dynamic Continuous Query Processing Over Streaming Data",IEEE International Conference on Computation of Power, Energy Information and Communication (ICCPEIC),2016

22.B.Janani Saradha, G.Vijayshri and T.Subha,"Intelligent Traffic Signal Control System For Ambulance using RFID and Cloud",2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

23.R.Swathi and T.Subha,"Enhanced Data Storage Security in Cloud using Certificateless Public Auditing",2017 Second International Conference on Computing and

Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

24.Kiran R, Nivedha K, Pavithra Devi S and T.Subha,"Voice and Speech Recognition in Tamil Language",2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

25.T.Subha and Dr.S.Jayashri,"Efficient Privacy Preserving Integrity Checking Model for Cloud Data Storage Security", 2016 IEEE Eighth International Conference on Advanced Computing (ICoAC) 19th -21st January, 2017, Department of Computer Technology, MIT campus, Anna University, Chennai

26.T.Subha and Dr.S.Jayashri,"An Efficient Privacy Preserving Integrity Checking Model for Cloud Data",4th International Symposium on Big Data and Cloud Computing Challenges (ISBCC-'17), organised by the School of Computing Science and Engineering, VIT Chennai 2017

27.T.P.Rani and Swati Venkat," Clustered Security for Smart Networks", 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

28.T.P.Rani and Jayakumar,"Enhanced Data Transfer Security in Internet of Things Proceedings of the International Conference on IoT, Data Science and Security (ICIDS 2017), Department of Information Technoloy, PSG college of Technology, Coimbatore 2017

29.Rani, Preethi,Srimathi, Aashifa,"Integration of SMS and E-mail using Speech Recognition in Android for the Visually Challenged Person",International Conference on Science and Innovative Engineering, 2017

30.T.P.Rani and Jayakumar,"Trust Based Energy Efficient Clustering Protocol in Wireless Sensor Networks for Military applications",2016 International Conference on Advances in Computing and Data Sciences (ICACDS-2016), Organized by the Department of Computer Science and Engineering, Krishna Engineering College, Ghaziabad, Uttar Pradesh,2016

31.Sarika S,Jayashree S,Solai A L,Soma Prathibha,"A Novel Approach For Early Flood Warning Using Android And IOT",2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

32.Soma Prathibha, S. Sowvarnica,"Survey of Failures and Fault Tolerance in Cloud",2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

33.Sivagami S, Janani S Janani K and Ranjana R,"Automated irrigation using recycled grey water", International conference on innovations in information, embedded and communication systems at Karpagam College of Engineering , Coimbatore on 24/2/2017 and 25/2/2017 2017

34.Sivagami S, Janani S Janani K and Ranjana R,"Drowning Prevention System",2017 Second International Conference on Computing and Communication Technologies

(ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

35.R.Ranjana,"Drowning Prevention System",International Conference on Signal Processing, Control and Data Analytics-2016, hosted at San Diego, USA through Virtual Participation on 27-28 August,2016 2016

36. VKG. Kalaiselvi,"CONFAB-A Mobile Application for Secured Meeting",International Conference on Science & Innovative Engineering (ICSIE-2017) held in Jawahar Engineering College 2017

37.VKG. Kalaiselvi,"Sensor Brain Security Device",International Conference on Recent Trends in Computing & Information Technology (ICRTCIT-2017) held in SRM University 2017

38.Mithun Aravind M.A., VKG. Kalaiselvi,"Design of an Intrusion Detection System Based on Distance Feature using Ensemble Classifier 4th International Conference on Signal Processing, Communications and Networking (ICSCN'17) Organized by Department of Electronics Engineering, MIT Campus, Anna University 2017

39.VKG. Kalaiselvi,"Sensor Brain Technology(SB-Tech)",International Conference on Computational Science & Technology(ICCST'17),2017

40.Archana.D,Boomija.G,Manisha.J,Kalaiselvi.V.K.G,"Mission On!Innovations in Bike Systems to provide a Safe Ride Based on IoT",2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

41.Padmavathy.N, Kamaleshwari.J, Sowndarya.S, Kalaiselvi.V.K.G,”Wireless Sensor Brain(WSB)”,2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

42.Keerthana.B,Sonali.M,Kalyani.S,,Suja.P,Kalaiselvi.V.K.G,”Internet Of Bins-Trash Management in India’, 2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

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44.Diwakar Srinath .A,Praveen Ram.A.R,R.Siva,Kalaiselvi.V.K.G,”HOT GLASS-Human Face & tectual Recognition for Visually Challenged”, 2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

45.Kalaiselvi.V.K.G, A.Sangavi, Dhivya ,”Li-Fi Technology in Traffic Light”,2017 Second International Conference on Computing and Communication Technologies (ICCCT’17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

46.V.Madhan, Kalaiselvi.V.K.G,Donald.J.P,”Tool Development for Formalizing the Requirement for the safety Critical Software Engineering Process”,2017 Second

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47. Bhuvanapriya.P, Rozil Banu.S, Sivapriya.P, V.K.G.Kalaiselvi, "SMART VOTING", 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

48. A.Helen, M.Fathima Fathila, R.Rijwana, V.K.G.Kalaiselvi, "A Smart Watch For Women security based on IoT (WATCH ME)", 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

49. D.Raghav, B.Velprakash, A.Vishwaram, V.K.G.Kalaiselvi, "Artificial Intelligence in Power Station", 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

50. S.Susila Sakthy, Dr.S.Bose, Ajitha .X, Anitha .K.M, "Signal to Noise Ratio Based Clustering Approach for Energy Efficient WSN", 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

51. S.Susila Sakthy, Dr.S.Bose, Ajitha .X, "Optimized Tree Integrated Clustering Technique for Energy Efficient WSN", International Conference On Computational

Science And Technology, ICCST 2017, 09th and 10th March, 2017, Organized by Department Of Computer Science And Engineering, Sri Sai Ram Engineering College

52.S.Susila Sakthy, Dr.S.Bose, Ajitha .X, "DFS based Selective Data Transmission for Energy Efficient WSN", International Conference On Recent Trends in Computing and Information Technology. Department Of Computer Science And Engineering, SRM University 2017

53.S Susila Sakthy, B.Abinaya, S.Gurupriya, M.Pooja, "IOT Based Smart and Adaptive Lightning in Street Lights 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

54.S Susila Sakthy, S.Aswini, A.Sangavi, S.Sangeetha, "Emergency Evacuation For Congestion Detour Using Wireless Sensor Network International Conference on Science and Innovative Engineering" on 3rd April 2016 at Jawahar Engineering College, Chennai, India.

55.S.Gomathi, V.Varsha, Rohini, Shreya P.R., S.Dheeksha, "WEB PAGE DESIGN OPTIMISATION BASED ON SEGMENT ANALYTICS", 2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

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57.K.M.Anitha,"Signal to Noise Ratio Based Clustering Approach for Energy Efficient WSN",2017 Second International Conference on Computing and Communication Technologies (ICCCT'17) on 23rd and 24th February, 2017 in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai

58.K M Anitha, S Harini, S Keerthana, P Saranya,"Health care System with the Semantic of Key Phrases using NLP Technique",International Conference on Science and Innovative Engineering" on 2nd April 2017 at Jawahar Engineering College, Chennai, India

59.V.Narmadha, V.S.Sowmiya,S.Sujatha R.Aditi,"Clinical Document Architecture Integration Technique for monitoring patient's medical status",International conference on science & Innovative Engineering, Organised by Science and Innovative Engineering & Technology,Jawahar Engineering college

60.P.Padma, and .S.Srinivasan,"A SURVEY ON BIOMETRIC BASED AUTHENTICATION IN CLOUD COMPUTING IEEE",International Conference on Inventive Computation Technologies 2016

61.P.Padma & Arun Kumar,"AID TO PHYSICALLY CHALLENGED VIA NON_INVASIVE ELECTRO ENCEPHALOGRAPH BASED LOCOMOTION", International conference on Advances in science and Engineering on 3rd March 2017

62.S.Sheeba Rachel,"Image Fusion of Brain Image using Discrete Wavelet Transform" ,International Conference on Theory and Pratical Relation in Engineering" pp. 85-87, August(2016). ISBN 978-1537313573. 2016

63.S.Sheeba Rachel,"Postal Bag Tracking and Alerting System", International Conference on Knowledge Discovery and Computational Intelligence",held on 9th and 10th March'17 2017

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65.B.Renukadevi, R.UdhayaKumar, M.Ponmutharasan, A.S.Venkatesh Prabu,"Integration of Farmers and Industries using Android ,7th International Conference on Science and Innovative Engineering 2017" in Jawahar Engineering college, Chennai

66.B.Renukadevi, S.Swetha, S.Umarani, E.Rajalakshmi,"A Digital Surveillance System for Air Pollution",5th International Conference on Contemporary Engineering 2017, Madha Engineering College,Chennai during March 24th and 25th,2017