

Dr. V. Subedha,

Professor & Head

Department of Computer Science and Engineering

Panimalar Institute of Technology, Chennai- 600 123.

Area of Specialization: Image processing, software engineering, Networks.

List of Journal/Conference Publications

1. **V.Subedha** (2015), “Systemization Of Reliable Open Ended Networks”, Second National Conference, Panimalar Institute of Technology, May 14 , Chennai.
2. **V.Subedha** (2015), “Location Monitoring System Using Android Smart Phones”, Second National Conference, Panimalar Institute of Technology, May 14 , Chennai.
3. **V.Subedha** (2015), “Cryptography Based Sheltered Data Sharing For Military Networks”, Second National Conference, Panimalar Institute of Technology, May 14 , Chennai.
4. **Dr. V. Subedha (2015)”** Social Based Volunteer Computing For Sharing Cloud Resources”, National Conference On Novel Computing (NCNC’15), SMK Fomra Institute of Technology, Chennai, at 13-03-2015.
5. **V.Subedha** (2015), “A Systematic Review of Assisting the Autism People Impede EchoLaLia using Android”, 8th National Conference, S. A. Engineering College, March 15th , Chennai.
6. **Dr.V.Subedha, A. Joshi**, (2015) “Reliability Measurement of Tensor Product Topology Constructed by Graph Operations” in Second International conference on Green technologies in power generation, Communication Instrumentation-2015 which is held on 26th and 27th FEB 2015
7. **Dr.V.Subedha**, HOD & Professor, Paper entitled “Realistic Technologies and Protocols for Smart Metering Infrastructure” in Second International conference on Green technologies in power generation, Communication Instrumentation-2015 which is held on 26th and 27th FEB 2015

8. **Dr.V. Subedha** , A.Joshi, “Reliability Measurement of Tensor Product Topology Constructed by Graph Operations”, International Journal of Applied Engineering Research, Volume 10, No. 6,Pg.No:5130- 5134,0973 – 4562, Scopus,2015
9. **Dr.V. Subedha** ,Mr.V.D. Ashok Kumar,“Diversely Combine Techniques for Footprint Recognition”, International Journal of Applied Engineering Research Volume 10,No.10,Pg.No:9724-9731,0973-4562, Scopus,2015
10. **Dr.V. Subedha** ,M. Rajiv Suresh, ”Realistic Technologies and Protocols for Smart Metering Infrastructure”, International Journal of Applied Engineering Research ,Volume 10, No.17,Pg.No:13295-13300,0973-4562, Scopus,2015
11. **Dr.V. Subedha**, D. Srinath,S. Venkatraman,”ACO based Mobile Agent for key Secured Management in MANET ARPJ Journal of Engineering and Applied Sciences”,Volume 10, No.11,Pg.No:4877-4881, 1819-6608 Scopus,June 2015
12. **Dr.V.Subedha**, Dr.A.Joshi, HOD & Professor, Paper entitled “Systematization Of Reliable Open Ended Networks”, in ARPJ Journal of Engineering and Applied Sciences(Annexure-II), Volume 10, No.11, 4988-4993, 20151819-6608, Scopus
13. **Dr.V.Subedha** , Dr.A.Joshi, Vidhya.E, Vaishnavi.S, HOD & Professor, Paper entitled “Clustering Data Using Fuzzy C-Means by Determining the Number of Clusters Using Gap Statistics”, in International Journal of Innovative Research in Computer and Communication Engineering Volume 4,No. 2, 2427-2431, 2016, 2320-9798, DOI: 10.15680/IJRCCE.2016. 0402204, Google Scholar
14. **Dr.V. Subedha**, HOD & Professor, Paper entitled,”Energy Efficient Encrypted Computation for Searching Over Mobile Cloud”,in International Journal of Engineering Science and Computing, Volume 6, No. 3, 2423-2429, March 2016, 2321 3361, Google scholar, DOI 10.4010/2016.576
15. **Dr.V. Subedha**, Dr.T. Kalaichelvi, Dr.S. Hemalatha,J.Mithilaesh,”Early Detection of Dementia by Observing Change in the Driving Pattern of a Person using Smart Phone Sensors and DTW Algorithm”, International Journal of Computer Applications, Volume 150,No.11, 23-26,0975- 8887 DOI:10.5120/ijca2016911636,Googlescholar ,September 2016
16. **Dr.V. Subedha**, J.Mithilaesh, Dr .T. Kalaichelvi,Dr.S. Hemalatha,”LI-FI Innovation With Coordinated Sun Powered Boards For Country Information Availability”, International Journal for Research in Applied Science & Engineering Technology(IJRASET), Volume 4 ,No. X,226-232, 2321-9653 Google scholar, October 2016

17. **Dr.V.Subedha**, J.Mithilaesh, T.Kalaichelvi, S.Hemalatha,"Driving style acknowledgment based permit issuance utilizing cell phone sensors and DTW calculation", International Journal for Research in Applied Science & Engineering Technology (IJRASET),Volume 4, No. X, 458-462,2321-9653,DOI:10.22214/IJRASET,October 2016
18. **Dr.V.Subedha** (2016), "Sharing Secret Information with High Security Using Dot Stereogram", NCNC'16.
19. **Dr.V.Subedha** (2016), "Design of Lineage Framework using Lime Algorithm for Data Transfer", NCNC'16.
20. **Dr.V.Subedha** (2016), "Medical Image Fusion Based On Spatial Frequency and Analysis under SWT Domain", NCNC'16.
21. **Dr.V.Subedha**, R.Anitha ,S.Janan, R.Keerthiga,"Minimum Image Disortion Of Reversible Data Hiding",International Research Journal Of Engineering and Technology(IRJET), Volume 4,Issue 2,Feb-2017.
22. **Dr.V.Subedha**, B.Vignesh, B.A.Shanmugavel, K.Chandrasekar, K.Sathyamoorthy, "Copy Cat: Effective Identification and Removal of Copy Cat Nodes in WSN", International Journal for Research in Applied Science & Engineering Technology (IJRASET),Volume 5, No. III,230-235,2321-9653,DOI:10.22214/ijraset.2017.3042,Google scholar,March 2017
23. **Dr.V. Subedha**, Suchitra P. V, L. Hemalatha, Dr. S. Hemalatha, Dr.T. Kalaichelvi,"Highly Efficient Approaches for Biometric Security Systems", International Journal of Linguistics and Computational Applications (IJLCA) , Volume 4, No. 1,1-6,2394-6385,Index copernicus,Jan-Mar 2017
24. **Dr.V.Subedha**, Srinath.G, Prashanth.R, Immanuel, Joseph.a, T.A.Mohanaprakash, "A Survey on Voice & Touch Based Dynamic Bus Navigation System Based on Zigbee,IOT& Android", International Journal of Scientific Research in Computer Science,Engineering and Information Technology (IJSRCSEIT) , Volume 2,Issue 1,ISSN:2456-3307-2017.
25. **Dr.V. Subedha**,Mahesh S,Dhinesh S R,Mani Maran M,Kavi Arasan S , "Smart Route Optimization Intelligence for Transportation algorithm", International Journal of Scientific Research in Computer Science,Engineering and Information Technology (IJSRCSEIT) , Volume 2,Issue 1,ISSN:2456-3307-2017.
26. **Dr.V.Subedha**, NaveenRaj I,Thurab Ahmed A,Dilly Ganesh N,Gokula Krishnan,Hemalatha,"Disease Predictive,Best Drug:Big Data Implementation of Drug Query with Disease Prediction,Side Effects&Feedback Analysis", International Journal of Scientific Research in Computer Science,Engineering and Information Technology (IJSRCSEIT) , Volume 2,Issue 1,ISSN:2456-3307-2017.

27. **Dr.V.Subedha**, Karthick Raja.R, Niresh.S, Shailesh.I,"An Efficient Secured and Inspection of Malicious Node Using Double Encryption in - DTN", International Research Journal Of Engineering and Technology(IRJET), Volume 4,Issue 2,Mar-2017.
28. Dr. V. **Subedha**, S.Namitha ,R. Preethi ,M. Vinita ,T. Kalaichelvi,
 - a. S. Hemalatha,"Proposal on Detection of Lung Cancer on Reduced Images Using Foggy K-Means Clustering Algorithm", International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 2,No. 2,296-301, 2456-3307,Google scholar,Mar-Apr 2017
29. **Dr.V.Subedha**, R.Suwetha, Dr.T.Kalaichelvi, Dr. S. Hemalatha, "Motion Capture using 3d", International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 5 Issue IV,1220-1227,2321-9653,DOI: 10.22214/ijraset.2017.4218,April 2017
30. **Dr.V.Subedha**, J.Mithilaesh , Santhoskumar k , Ashwin Balaji P, Dr.S.Hemalatha,"Proactive Accident Avoidance System Using IOT", International Journal for Scientific Research & Development, Volume 5,Issue 1,2017.
31. **Dr. V. Subedha**, " A Survey : Data Mining Techniques for Social Media Analysis," International Conference for Phoenixes on Emerging Current Trends in Engineering and Management (PECTEAM2K18), Panimalar Engineering College, Poonamallee, Chennai on 09-02-2018 & 10-02-2018
32. **Dr.V.Subedha**,G.Antony,V.Arunkumar,A.Venkatachalam,"IOT Based Smart Bus Tracking and Ticketing System", International Journal of Advance Research in Engineering, Science & Technology(IJAREST),Volume 5,No.3,405-412,eISSN:2393-9877,pISSN:2394-2444,DOI:10.26527/ijarest.150319230551 Impact Factor (SJIF):5.301,March 2018
33. **Dr.V.Subedha**, B.V.HemanthKumar, K.Sharuk, K.Sai manoj krishna,"Smart Billing Trolley Via Web Application", International Journal of Advance Research in Engineering, Science& Technology(IJAREST), Volume 5,No.3,Pg.no.543-549,eISSN:2393-9877,pISSN:2394-2444, DOI:10.26527/IJAREST.150320212334,Impact Factor (SJIF): 5.301,March 2018
34. **Dr. V. Subedha** ,A.S. Khyathi, C. Bhavitha,T. Charishma,"A Study of Smart Gas Level Monitoring, Booking and Gas Detection Over IOT", International Journal of Advance Research in Engineering, Science& Technology(IJAREST),Volume 5, No.3,Pg.no:974-980,eISSN:2393-9877,pISSN:2394-2444, DOI:10.26527/ijarest.1503281 34159, Impact Factor (SJIF):5.301,March 2018
35. **Dr.V.Subedha**,R.Pushpalatha,D.Kaviya,S.Shaalini,"Automatic Vehicle License, Plate Recognition System, And Alcohol Detection", International Journal of Advance Research and Innovative Ideas in Education (IJARIIE), Volume 4, No.2,

36. **Dr. V. Subedha** Dr. T. Kalaichelvi Oviya.S, Haritha.B, “ Biometric Nano-Device For Monitoring and Tracking The Special Children Using A Two Way Communication GPS System” , International Conference on Innovative & Emerging Trends In Engineering And Technology (ICIETET’18), Panimalar Institute Of Technology, Chennai on 09th and 10th March 2018
37. **Dr. V. Subedha**, S. Harini, J. Harini, D. Pavithra, “Edge Oriented Computing Paradigms: A Architectural Designs and Exploration”, International Conference on Innovative & Emerging Trends In Engineering And Technology (ICIETET’18), Panimalar Institute Of Technology, Chennai on 09th and 10th March 2018
38. **Dr.V.Subedha**, Ashok Kumar VD,”A Novel Approach-foot Tumour Detection Algorithm using watershed and thresholding based segmentation”, Biomedical Research, Volume 30,No.1,Pg.no.88-94, ISSN:0970-938X,Scopus,January 2019
39. **Dr. V. Subedha**, Bathala Varshitha, M. Abirami, Gummadi Sumeghana, Yaramareddy Sushma,”Local Bus Transport Tracking using Android Applications”, International Journal for Research in Applied Science & Engineering Technology (IJRASET),Volume 7, No III, Pg.no.561-565 ISSN:2321- 9653, DOI:10.22214/IJRASET, March 2019
40. **Dr.V. Subedha**, Dr.T. Kalaichelvi, Dr.T. Jayanthi, ”Recognition of Number Plate for Vehicle Identification Using Dynamic Image Processing Techniques in Intelligent Transportation System”, International Journal of Advances in Electronics and Computer Science, Volume 6, No 3,Pg.no.54-58,ISSN:2394-2835,IRAJ DOI Number IJAECs-IRAJ-DOI-15185 ,March 2019
41. **Dr.V. Subedha** ,M.Rajiv Suresh,”Analysis of Transport Control Protocol Mechanism with Spanning Tree for Smart Metering Infrastructure”, International Journal of Advances in Electronics and Computer Science, Volume 6, No 3,Pg.no.59-63,ISSN:2394-2835, IRAJ DOI Number IJAECs-IRAJ-DOI-15185, March 2019
42. **Dr.V. Subedha**,T. Kalaichelvi ,T. Jayanthi,”Recognition of Number Plate for Vehicle Identification Using Dynamic Image Processing Techniques in Intelligent Transportation System”, International Conference on Recent Developments in Computer & Information Technology(ICRDCIT)Dubai, UAE,01-12-2018&02-12-2018,Pg.No.57-61
43. **Dr.V. Subedha**, M. Rajiv Suresh,”Analysis of Transport Control Protocol Mechanism with Spanning Tree for Smart Metering Infrastructure”, International Conference on Recent Developments in Computer & Information Technology (ICRDCIT),Dubai, UAE,01-12-2018 & 02-12-2018,Pg.No.62-66

44. **Dr.V.Subedha**, Dr.S.VenkataLakshmi, Dr.T.Jayanthi,”Comprehensive Learning of ICT in Accreditation-Teaching and Learning Process”,4th World summit on Accreditation–Challenges and Opportunities in Outcome based Accreditation, National Board of Accreditation, New Delhi,07-09-2018,08-09-2018,09-09-2018
45. **Dr.V.Subedha**, Dr.S.VenkataLakshmi, Dr.T.Jayanthi,”Comprehensive study of Leapfrogging Opportunity to Future Ready Higher education”, National Conference -3rd National Teachers Congress, MIT World Peace University, Pune,04-01-2019,05-01-2019,06-01-2019
46. **Dr.V.Subedha**, Srinath Doss ,”A Blockchain-Based Access Control System For Cloud Storage Using Merkle Hash Tree (MHT)”,Fourth International Conference on Innovative & Emerging Trends in Engineering and Technology - ICIETET' 19, Panimalar Institute of Technology on 26-04-2019
47. **Dr.V.Subedha**, Dr.T.Kalaichelvi, Meda Divya Sahithya, Kota Lalitha, R.Nivedha,”Manus App-“A Bio Metric Nano Non Invasive Skin Sensor For Tracking Victim Under Peculiar Situation”, Fourth International Conference on Innovative & Emerging Trends in Engineering and Technology - ICIETET' 19,Panimalar Institute of Technology on 26-04-2019
48. **Dr.V.Subedha**, Dr.S.Puspha, V. D. Ashok Kumar,”Anatomy On Foot Disease Detection and Foot Authentication – A Contemporary Approach”, International Journal of Scientific & Technology Research, Volume 8 , Issue 11, Pg.No733-739,November 2019, ISSN:2277-8616

CSI ARTICLES PUBLISHED:

1. CSI article published in “Cyber Forensics” as CSI Adhyayan at April – June 2016
2. CSI article published in “Green Technology” as CSI Adhyayan at April – June 2016
3. CSI article published in “Underwater Sensor Network(UWSN)”as CSI Adhyayan at April – June 2016
4. CSI article published in “Surface Computing” as CSI Adhyayan at July-Sep 2016
5. CSI article published in “Blue Eye technology” as CSI Adhyayan at July-Sep 2016

6. CSI article published in “Manet - Mobile ad hoc network” as CSI Adhyayan at 2016.
 7. CSI article published in “Entertainment Robot “as CSI Adhyayanat July-Sep 2016.
 8. CSI article published in “How The Internet Is Destroying Our Brain “as CSI Adhyayanat 2016.
- CSI article published in “Nanotechnology : The Future Medicine” as CSI Adhyayan at 2016.
 - CSI article published in “ The Rise Of The Dark Net “as CSI Adhyayan at 2016.

Patents

- Dynamic Allocation Of Transport Facilitised Overcome Traffic By Estimating Spatial Density Using Bluetooth
- Android Based Corporation Complaint System Using Voice Recognition
- Breaking The Catastrophic Embrace Of Child Trafficking By Deploying Pearly White Detectors Using Mem
- A Bio Mechanical Engrossing Nano Non Invasive Device For Tracking Victim Using Skin Temperature
- An Intellectual Family Ring Application To Recognize The Physiological Biometric Values For Delicate Biomarkers
- Loft Based Crime Detection App Integrated With Eos And Image Processing System Theft Defence ordinator