



SRM Valliammai Engineering College


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Department of Computer Science and Engineering

Personal Details

| | | |
|------------------------------------|--------------------------------------|--------------|
| Name : | Dr.V.Dhanakoti | |
| Designation : | Associate Professor | |
| Educational Qualification : | M.E., Ph.D., | |
| Experience: | 22 Years | |
| Area of Specialization : | Network Security, Cloud and Big Data | |
| Date of Joining : | 16/06/2014 | |
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Educational Details

| S.No | Degree | Branch/Specialization | Institution / University | Year |
|------|--------|-------------------------------|--------------------------|------|
| 1 | ME | Computer Science & Engg | Sathyabama University | 2005 |
| 2 | Ph.D. | Information and Communication | Anna University Chennai | 2013 |

Professional Society Memberships

1. Indian Society of Technical Education: Life Member
2. Computer Society of India : Life Member
3. International Association of Engineers (IAENG) : Life Member
4. International Association of Computer Science and Information Technology (IACSIT) : Life Member
5. Universal Association of Computer and Electronics Engineers (UACEE): Senior Member
6. The Society of Digital Information and Wireless Communications (SDWC) : Senior Member
7. Intelligent Systems, KES International, United Kingdom: Bronze Member of Society

Publication Details

Journals:

1. VennilaDhanakoti, NedunchezianDr.R, "Correlated Alerts and Non-Intrusive Alerts", *Journal of Control Engineering and Applied Informatics*, ISSN 1454-8658 - ISI Impact Factor of our journal is 0.338, Vol:14, No:4, PP:3-9, Dec 2012.
2. Dr. Dhanakoti, V, "Forecasting Network Flow in IDS", *Australian Journal of Basic and Applied Sciences*, ISSN: 1991-8178, Vol:9, No:6, Special 2015, PP:20-23, Jan 2015.
3. Dr.V.Dhanakoti and D.Meenaakshi, "Cooperative Architecture for Signature Based Alarm System", *WSEAS Transactions on Computers*, ISSN / E-ISSN: 1109-2750 / 2224-2880, Vol:14, No:1, Art. #52, PP:526-537, March 2015.
4. Dr.V.Dhanakoti, S.U.Abinandhanan And R.JayaGanthan, " File Security Using Neural Networks Induced Facial Recognition", *International Journal of Applied Engineering Research (IJAER)* Print 09734562 Online ISSN 1087-1090, Volume 10, Number 6 (2015), pp.15457-15474, April 2015.

5. Dr.V.Dhanakoti, Miss.P.NirmalaDeve, "Routing Based Algorithms for WSN and MANETs", *International Journal of Applied Engineering Research (IJAER)* Print 09734562 Online ISSN 1087-1090, Volume 10, Number 17 (2015) Special Issues, pp.12650-12661, April 2015.
6. Dr.V.Dhanakoti, R.NagaPriyadarsini, Ms.S.Suma, "IDS IN WIRELESS SENSOR NETWORKS", *International Journal of Applied Engineering Research (IJAER)* Print 09734562 Online ISSN 1087-1090, Volume 10, Number 17 (2015) Special Issues, pp.12662-12679, April 2015.
7. P.NirmalaDeve, Dr.V.Dhanakoti, "Secure Transmission in UAV Intelligence", *International Journal of Engineering Development and Research (IJEDR)*, ISSN:2321-9939, Vol.3, No:1,PP:42-48, March 2015.
8. R.NagaPriyadarsini, Ms.S.Suma, Dr.V.Dhanakoti, " PEER TO PEER FILE TRANSFER USING BEST ROUTING PATH", *International Journal of Scientific & Engineering Research*, ISSN 2229-5518, Volume 6, Issue 4, PP.446-452, April-2015.
9. P.NirmalaDeve, Dr.V.Dhanakoti, "PATH AND DISTANCE RECOGNITION IN UAV", *International Journal of Engineering Research and Technology (IJERT)*, ISSN 2278-0181, Volume 3, Issue 16, PP.118-122, April-2015.
10. V. Dhanakoti, D. Nivethaand and D. Keerthika, "GEOTE LEASHES SECURITY IN MANET", *ARNP Journal of Engineering and Applied Sciences*, ISSN 1819-6608, Volume 10, Number 13, PP.5542-5547, July 2015.
11. V. Dhanakoti and P. NirmalaDeve, "IDENTIFICATION OF LOCATION USING ROUTING BASED PROTOCOLS", *ARNP Journal of Engineering and Applied Sciences*, ISSN 1819-6608, Volume 10, Number 13, PP.5593-5598, July 2015.
12. R. Naga Priyadarsini, S. Suma and V. Dhanakoti, "SUITABLE ROUTING PATH FOR PEER TO PEER FILE TRANSFER", *ARNP Journal of Engineering and Applied Sciences*, ISSN 1819-6608, Volume 10, Number 13, PP.5599-5603, July 2015.
13. V. Dhanakoti and R. Nedunchezian, "Streamlined Alarms for Intrusion Recognition System", *International Journal of Intelligent Information Technologies*, ISSN:DOI:10.4018/IJIT.2015040103, Volume 11, Issue 2, PP.40-54, April-June 2015.
14. B. Srilekha and Dr.V.Dhanakoti, "Mobile Tracking Based on Phone Theft Detection", *International Journal of Advanced Research in Computer and Communication Engineering*, e-ISSN:2278-1021,p-ISSN:2319 5940, Volume 5, Issue 3, PP.192-197, March 2016.
15. S.Suguna, Dr.V.Dhanakoti and R.ManjuPriya, "A STUDY ON SYMMETRIC AND ASYMMETRIC KEY ENCRYPTION ALGORITHMS", *International Research Journal of Engineering and Technology (IRJET)*, p-ISSN: 2395-0072 , e-ISSN: 2395-0056, Volume 3, Issue 4, PP.27-31, April 2016.
16. Dr.V.Dhanakoti, N.Aarthi, M.Adithya and V.C.Dharika, "Performances of Wireless Sensor Networks", *International Journal of Control Theory and Application*, ISSN: 0974-5572, Volume 9, Issue 5 , PP.481-494, May 2016.
17. Dr.V.Dhanakoti and R.ManjuPriya, "Mobile Hand Swing Pattern", *International Journal of Control Theory and*

18. R.Raja and Dr.V.Dhanakoti, "Smart Symmetric Key Encryption Algorithms", *International Journal for Science and Advance Research Technology*, ISSN: 2395-1052, Volume 3 Issue 3, PP.144-147, March 2017.
19. R.Raja and Dr.V.Dhanakoti, "An InfoSec Based Software Defined Networks (SDNs) over Insider and Outsider Attacks in Business Process", *International Journal for Scientific Research & Development*, ISSN (online): 2321-0613, Volume 5, Issue 01, PP.390-392, 2017.
20. Dr.V.Dhanakoti and R.Raja, "BCI Framework Based Mind-Wave Game Controller" *Global Research and Development Journal for Engineering*, e-ISSN: 2455-5703, Volume 1, Issue 1, PP.95-104,2017.
21. P.N.Rajakumar and Dr.V.Dhanakoti, " Advancement of Social Engineering by Incorporating Personality based Model", *International Journal of Innovations and Advancement in Computer Science*, ISSN – 2347-8616, Volume 6, Issue 11, PP.320-328, Nov 2017.
22. SrinathVikramakumar and Dr.V.Dhanakoti, " Mind Wave Based Gaming Controller Using User Friendly EEG Signal", *International Journal of Innovations and Advancement in Computer Science*, ISSN – 2347-8616, Volume 6, Issue 11, PP.320-328, Nov 2017.
23. Ponmalar and Dr.V.Dhanakoti. "Big Data Stream Security and Privacy", *International Journal of Electronics, Electrical and Computational System*, ISSN – 2348-117x, Volume 6, Issue 11, PP.207-220, Nov 2017.
24. RajkumarPN and Dr. V. Dhanakoti , " Defending Zero Day Attacks: Resource-based approach", *International Journal of Advance Research, Ideas and Innovations in Technology*, ISSN: 2454-132X, Vol.4, Issue:2, pp.1467-1472, 2018.
25. SrinathVikramakumar and Dr.V.Dhanakoti, "Deep Neural network based prediction for events in hemodialysis patients", *INTERNATIONAL JOURNAL FOR RESEARCH & DEVELOPMENT IN TECHNOLOGY*, ISSN (O): 2349-3585, Vol.9, Issue:4, pp.143-146, 2018.
26. *Goutham Kumar Raj Kumar, Dr.V. Dhanakoti and RajeshwariSivasubramanian*, "Analysis of Ambiguity Resolution Techniques in NLP and its Applications", *Journal of Advanced Research in Dynamical and Control Systems*, ISSN:1943-023X, Vol.10, Special Issue 14, pp:904-909, 2019.
27. *A.Ponmalar and Dr.V.Dhanakoti*, "Phishing Attack in Social Network Environment", *Journal of Advanced Research in Dynamical and Control Systems*, ISSN: 1943-023X, Vol.10, Special Issue 14, pp:960-972, 2019.
28. *RajeshwariSivasubramanian, Dr.V.Dhanakoti and Goutham Kumar Raj Kumar*, "Efficient Machine Learning Algorithms in Intrusion Detection Systems", *Journal of Advanced Research in Dynamical and Control Systems*, ISSN: 1943-023X, Vol.10, Special Issue 14, pp:896-903, 2019.
29. J.Gopinath, P.Achuthan, Dr.V.Dhanakoti, K.Ajay, " Remote Frequency Emitter to Block GSM Signal ", *International Journal of Innovative Research in Computer and Communication Engineering*, Vol. 7, Issue 2, February 2019. Copyright to IJIRCCE DOI: 10.15680/IJIRCCE.2019. 0702134 1332.
30. A.Ponmalar, M.Poovarasam, T.Vasumathi, G.M.Keerthana, A.Yogesh and Dr V.Dhanakoti, "Efficient Registration

Of Land Using Block Chain Technology", International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Vol.8, Issue.2S4, pp:77-82, July 2019.

31. M.Mayuranathan, Dr.M.Murugan and Dr.V.Dhanakoti, "A Performance Perspective Analysis: A Detailed Vision on Denial of Service and Distributed Denial of Service on Cloud Computing", International Journal of Recent Technology and Engineering (IJRTE) is a SCOPUS cited journal, ISSN:2277-3878, Vol.8, Issue.3, pp.3132–3143, September 2019, DOI:10.35940/ijrte.C5002.098319.
32. M.Mayuranathan, Dr.M.Murugan and Dr.V.Dhanakoti, "An Intrusion Detection System Using Optimized SVM for Detecting DDoS in Cloud", International Journal of Scientific & Technology, is a SCOPUS cited journal, ISSN 2277-8616, Vol.8, Issue.11, pp. 2914-2919, November 2019.
33. V. Dhanakoti, J. Chandru, B. MuthuSenthil, "Cognitive Computing: Brain Tumour Detection", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol.9, Issue.1S, pp.57-62, November 2019.
34. M.Mayuranathan, Dr.M.Murugan and Dr.V.Dhanakoti, "Best features based intrusion detection system by RBM model for detecting DDoS in cloud environment", Journal of Ambient Intelligence and Humanized Computing, is a Springer (Sl. No. in Anna University CFR List of Journals – 5791), DOI 10.1007/s12652-019-01611-9, ISSN 1868-5137, Vol.10, Issue.60, pp.1-11, December 2019.
35. B. MuthuSenthil, V. Dhanakoti, Sabarish. J, Sonali. S, "Smart Storage with the Internet of Things and Voice Recognition", International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249-8958, Volume-9, Issue-2, December 2019.
36. Harish.T, Dr. V. Dhanakoti, Aravindh.R, Harishanker, "A Novel Technique To Detect Commercial Advertisements And To Block Them", International Journal Of Advance Research And Innovative Ideas In Education - Ijariie-Issn(O)-2395-4396, Vol-6 , Issue-1, Pp:1363-1368, April 2020.
37. Dhanakoti V, Swethaa R, Vedhavarshini M, Vidya Lakshmi A, "Hand Gesture Controlled Interfaces", International Journal Of Advance Research And Innovative Ideas In Education - Ijariie-Issn(O)-2395-4396, Vol-6 , Issue-2, Pp:1408-1415, April 2020.
38. *M.Mayuranathan, Dr.M.Murugan and Dr.V.Dhanakoti*, "Enhanced security in cloud applications using emerging blockchain security algorithm", Journal of Ambient Intelligence and Humanized Computing is a Springer (Sl. No. in Anna University CFR List of Journals – 5791), DOI 10.1007/s12652-020-02339-7, ISSN 1868-5137, published Online :27 July 2020.
39. B. Muthusenthil,V. Dhanakoti and V. B. Surya Prasath, "Smart-Phone Based Smart Delivery Automation Of Parcel Delivery Collection Using Iot And Machine Learning", Vol. 1, No. 3, July.
40. K. Rajkumar and V. Dhanakoti, "Methodological Survey to Improve the Secure Data Storage in Cloud Computing", 2020 International Conference on Emerging Smart Computing and Informatics (ESCI), INSPEC INSPEC Accession Number: 19896505, DOI: 10.1109/ESCI48226.2020.9167677, Date of Conference: 12-14 March 2020, Date Added to IEEE Xplore.

Conferences:

1. *Dr.V.Dhanakoti, Miss.P.NirmalaDeve, " Routing Based Algorithms for WSN and MANETs", 4th NATIONAL CONFERENCE ON NETWORKING, IMAGING AND GREEN COMPUTING, "AGNICON 2015 – 20 March 2015"*.
2. *Dr.V.Dhanakoti, S.U.Abinandhanan and R.JayaGanthan, "File Security Using Neural Networks Induced Facial Recognition", 4th NATIONAL CONFERENCE ON NETWORKING, IMAGING AND GREEN COMPUTING, "AGNICON 2015 – 20 March 2015 "*
3. *Dr.V.Dhanakoti, R.NagaPriyadarsini, Ms.S.Suma, "IDS IN WIRELESS SENSOR NETWORKS", 4th NATIONAL CONFERENCE ON NETWORKING, IMAGING AND GREEN COMPUTING, "AGNICON 2015 – 20 March 2015"*
4. *Dr.V.Dhanakoti. P.NirmalaDeve, "Secure Transmission in UAV Intelligence", SRM University, NCISECT 2015 - National Conference | 25th-26th Mar 2015..*
5. *Dr.V.Dhanakoti, P.NirmalaDeve, "PATH AND DISTANCE RECOGINITION IN UAV", AVS Engineering College In Association With NIZWA College Of Technology, Oman.Second International Conference – Trends in Technology for Convergence -TITCON-2015.*
6. *R.NagaPriyadarsini, Ms.S.Suma, Dr.V.Dhanakoti, " PEER TO PEER FILE TRANSFER USING BEST ROUTING PATH", AVS Engineering College In Association With NIZWA College Of Technology, Oman. Second International Conference – Trends in Technology for Convergence -TITCON-2015.*
7. *Dr.V.Dhanakoti, P.NirmalaDeve, "Identification of locations using routing based Protocols", International Conference on Emerging Trends in Engineering Research – ICETER'15(April 24 & 25 – 2015)*
8. *R.NagaPriyadarsini, Ms.S.Suma, Dr.V.Dhanakoti , "Suitable Routing Path for peer to peer File Transfer", International Conference on Emerging Trends in Engineering Research – ICETER'15, (April 24 & 25 – 2015).*
9. *Dr.V.Dhanakoti, S.Suguna , "Symmetric and asymmetric key encryption algorithms", International Conference on Emerging Trends in Engineering Research – ICETER'15(April 24 & 25 – 2015).*
10. *Dr.V.Dhanakoti, D.Nivetha and D.Keerthika. " Geote Leashes Security in Manet", International Conference on Emerging Trends in Engineering Research – ICETER'15(April 24 & 25 – 2015).*
11. *Dr.V.Dhanakoti, N.Aarathi, M.Adithya and V.C.Dharika, "Performances of Wireless Sensor Networks", 5th NATIONAL CONFERENCE ON NETWORKING, IMAGING AND GREEN COMPUTING, "AGNICON 2016 – 7th March 2016".*
12. *Dr.V.Dhanakoti and R.ManjuPriya, "Mobile Hand Swing Pattern", 5th NATIONAL CONFERENCE ON NETWORKING, IMAGING AND GREEN COMPUTING, "AGNICON 2016 – 7th March 2016".*
13. *Dr.V.Dhanakoti and R.Kirandevraj, "Web Passwords And Its Nature", 5th NATIONAL CONFERENCE ON NETWORKING, IMAGING AND GREEN COMPUTING, "AGNICON 2016 – 7th March 2016.*
14. *Dr.V.Dhanakoti, G.Ragini,A.S.Vijayahavan, "A Secure Text And Voice Transmission Using Visible Light Communication", 5th NATIONAL CONFERENCE ON NETWORKING, IMAGING AND GREEN COMPUTING, "AGNICON 2016 – 7th March 2016".*
15. *Dr.V.Dhanakoti and B.Srilekha, "Detection And Tracking Of Theft Using Smart Phone", 5th NATIONAL CONFERENCE ON NETWORKING, IMAGING AND GREEN COMPUTING, "AGNICON 2016 – 7th March 2016".*
16. *R.Raja and Dr.V.Dhanakoti, "BCI Framework Based Mind-Wave Game Controller" National Conference on Computational Intelligence Systems (NCCIS'17), Loyola-ICAM college of Engineering and Technology (LICET), Nungambakkam, 10th March 2017.*
17. *R.Raja and Dr.V.Dhanakoti, "Brain Computer Interface", International Conference on Emerging Trends in Electrical Communication Technology (ICETECT' 17), Saveetha School of Engineering, Saveetha University, Kuthambakkam, 30th March 2017.*
18. *Dr.V.Dhanakoti, "Automated Restaurant with Robotic Waiters", National Conference on Computers, Communication and Networks (NCCCN-2016), Adhi College of Engineering and Technology, 23rd September 2016.*
19. *V.Srinath and Dr.V.Dhanakoti, "Smart Waiters for Automating Restaurants", International Conference on Emerging Trends in Electrical Communication Technology (ICETECT' 17), Saveetha School of Engineering, Saveetha University, Kuthambakkam, 30th March 2017.*

20. P.N.Rajkumar and Dr.V.Dhanakoti, "Advancement of Social Engineering by Incorporating Personality Based Model", International Conference on Emerging Trends in Electrical Communication Technology (ICETECT' 17), Saveetha School of Engineering, Saveetha University, Kuthambakkam, 30th March 2017.
21. P.N.Rajkumar and Dr.V.Dhanakoti, "Advancement of Social Engineering by Incorporating Personality Based Model", International Conference on Emerging Trends in Electrical Communication Technology (ICETECT' 17), Saveetha School of Engineering, Saveetha University, Kuthambakkam, 30th March 2017.
22. Dr.V.Dhanakoti and Mrs.A.Ponmalar, "Big Data Stream Security and Privacy", International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM' 17), Institution of Electronics and Telecommunication Engineers, Bengaluru, 26th November 2017.
23. Dr.V.Dhanakoti and V.Srinath, "Mind Wave Based Gaming Using User Friendly EEG Signal Acquisition", International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM' 17), Institution of Electronics and Telecommunication Engineers, Bengaluru, 26th November 2017.
24. Dr.V.Dhanakoti and P.N.Rajkumar, "Advancement of Social Engineering by incorporating Personality based Model", International Conference on Advancement in Engineering , Applied Science and Management (ICAEASM' 17), Institution of Electronics and Telecommunication Engineers, Bengaluru, 26th November 2017.
25. Dr.V.Dhanakoti and K.Rajkumar, "Improve the Efficiency Usage of Data Centre Storage and Managing Replicated Data in Cloud", International Conference on Innovations in Power Electronics Control and Systems (IPECS 2017), M.A.M College of Engineers, Tiruchirappalli, 18th and 19th December 2017.
26. A.Ponmalar and Dr.V.Dhanakoti, "Detection of Diabetic Retinopathy by feature extraction using SVM", International Conference on SMART Structures and Systems, Saveetha Engineering College, 28 March 2018.
27. Goutham Kumar Raj Kumar, Dr.V. Dhanakoti and RajeshwariSivasubramanian, "Analysis of Ambiguity Resolution Techniques in NLP and its Applications", International Conference on Cognitive IoT with Bigdata and Cloud (ICCIBC), Hindustan Institute of Technology and Science, 25 & 26th Oct 2018.
28. A.Ponmalar and Dr.V.Dhanakoti, "Phishing Attack in Social Network Environment", International Conference on Cognitive IoT with Bigdata and Cloud (ICCIBC), Hindustan Institute of Technology and Science, 25 & 26th Oct 2018.
29. RajeshwariSivasubramanian, Dr.V.Dhanakoti and Goutham Kumar Raj Kumar, "Efficient Machine Learning Algorithms in Intrusion Detection Systems", International Conference on Cognitive IoT with Bigdata and Cloud (ICCIBC), Hindustan Institute of Technology and Science, 25 & 26th Oct 2018.
30. Dr.V.Dhanakoti and RajeshwariSivasubramanian, "Time Dependent Routing Problems", International Conference on IoT (ICIoT 19), SRM Institute of Science and Technology, Kattankulathur, 11th to 15th March 2019.
31. Dr.V.Dhanakoti and Saravana Kumar N, "Cloud Computing Security Threats and Challenges", Research Conference on IoT, Cloud and Data Science (RCICD 19), SRM Institute of Science and Technology, Vadapalani, 05th & 06th April 2019.
32. Dr.V.Dhanakoti and A.Pomalar, "Efficient Registration of Land using Block Chain Technolog", International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES-2019), SRM Institute of Science and Technology, Kattankulathur, 11th to 13th April 2019.
33. Dr.V.Dhanakoti, "Cognitive Computing Brain Tumour Detection", International Conference on Emerging Intelligent Technologies and Applications- (EITA-2K19), R.M.D Engineering College, Gummidipoondi, 23rd to 25th October 2019.
34. Dr. B. MuthuSenthil 1, Dr. V. Dhanakoti 2, Sabarish.J 3 and Sonali.S, "Smart Storage with The Internet Of Things And Voice Recognition", INTERNATIONAL RESEARCH CONFERENCE AND INNOVATION EXHIBITION 2019, 25-27 NOVEMBER 2019, KSL RESORT, JOHOR BAHRU, MALAYSIA.

Research and Development Details

- 1. No. of Research Projects Completed: NIL*
- 2. No. of Patents Filed: One*
- 3. No. of Ph.D candidates guided/guiding: Three*
- 4. No of Conferences Convened: 4*
- 5. Supervisor Recognition in Anna University Chennai.*
- 6. DC Panel Member in Anna University Chennai.*
- 7. Reviewer for ISBCC 2014, 15 and 2016*
- 8. Program Committee Member And Advisory Committee Member for ISBCC 2014, 15 and 2016*

Other Particulars

- 1. No. of Books Published: Two*
- 2. No. of STTP/FDP coordinated: 12*