Name – Dr. Visu P

Designation – Professor

Department – Department of Computer Science and Engineering

University / Institutions – Velammal Engineering College

Place – Surapet, Chennai, Tamil Nadu

Pincode – 600066

Mobile – +91-9884002675

Email – pandu.visu@gmail.com

Area of specialization – Network Security, Wireless sensor networks

Publication Record

1. Visu P, Koteeswaran S and Janet J., "Artificial Bee Colony based Energy Aware and Energy Efficient Routing Protocol", Journal of Computer Science, Vol.8, No.2, pp.227- 231, 2012.

2. Visu P, Janet J, Kannan E and Koteeswaran S., " Optimal Energy Management in Wireless Adhoc Network Using Artificial Bee Colony Based Routing Protocol", European Journal of Scientific Research,Vol.74, No.2, pp.301-307, 2012.

3. Visu P, Janet J, and Koteeswaran S " A Review on Clustering and Outlier Analysis Techniques in Data Mining" American Journal of Applied Sciences, Volume 9, Issue 2, Page nos: 254-258, 2012.

4. Visu P, Janet J, Kannan E and Koteeswaran S "Terrorist Intrusion Monitoring System using Outlier Analysis Based Search Knight Algorithm" European Journal of Scientific Research, Vol.74 No.3, pp. 440-449, 2012.

5. Visu P, Kannan E and Koteeswaran S, "Sender and Receiver Based Efficient Broadcasting Algorithm in Mobile Ad Hoc Networks". International Journal of Modern Engineering Research, Vol.1, Issue2, pp-495-499, 2012.

6. Visu P, G.S.Raj and Koteeswaran S., "Secure File Transfer Over Peer – to-Peer Network". International Journal of Engineering Research and Applications, Vol. 2, Issue 1, pp.754- 757, 2012.

7. Visu P, Kannan E and Koteeswaran S, "Human Age Manifold Learning scheme and Curve Fitting for aging features", International Journal of Modern Engineering

Research, Vol.1, Issue2, pp-490-494, 2012.

8. Visu.P, Kannan E., "Combined Swarm Intelligence Routing Protocol for MANET" Information Technology Journal, Vol. 12(4), pp. 791 – 797, 2013.

9. Visu P, Kannan E., "Traffic Parameterized ACO for Adhoc Routing", Life Science Journal, 2013.

10. Visu P , Sibichakavarthy S, Resmi R Nair "A Novel Methodology to identify and recognize the composite human gesture for Kinect based Human-machine interface" Life Science Journal, 2013.

11. Visu P,Koteeswaran, S K. Silambarasan and R. Vimal Karthick., "Hadoop + Big Data: Analytics using Series Queue with Blocking Model", Research Journal of Applied Sciences, Engineering and Technology, 2014.

12. Visu P, K. Geetha Rani, Shobhanjaly P. Nair, and S. Koteeswaran "Expertised String Mining in Outsized Databases and Hefty Files", Research Journal of Applied Sciences, Engineering and Technology, Vol.7, Issue no.23, pp. 5068-5071, 2014.

13. Koteeswaran, S., Kannan, E and Visu, P., "Virtual mining model for classifying text using unsupervised learning", American Journal of Applied Sciences, Vol.11, Issue no.5, pp. 764-768, 2014.

14. Visu, P., Vimal Karthick, R., Raj, G.S., Srinivasan, R., and Sibi Chakkaravarthy, S., "Asynchronous time encoder based quasi-static modelling for human area network in vanet" , Journal of Computer Science, Vol.10, Issue no.11, pp. 2284-2291, 2014.

15. Visu, P., Varunkumar, K.A., Manikandan, N.K., Ravikumar, S., Vinothkumar, R., "Inception complex stable election routing protocol" International Journal of Applied Engineering Research, Vol.10, Issue no.4, pp.10539 - 10546, 2015.

16. Sheshank Shetty, Arun S., Devadiga, S.Sibi Chakkaravarthy, Varun Kumar, K.A., Kamalanaban E., P. Visu, "Optical character recognition for alphanumerical character verification in video frames", Advances in Intelligent Systems and Computing, Vol.324,pp.81 - 87, 2015.

17.   Visu, P., Dharani, P., Chakkaravarthy, S.S., Ganesan, M., Kamalanaban, E., Patil, P.R., Mahesh, C., "An unidentified location-based efficient routing protocol in VANET", Advances in Intelligent Systems and Computing, Vol.324, pp.415 – 421, 2015.

18.   R.SelvaSuganya and P.Visu, "VANET Routing for Shortest Path through Bidirectional Search Algorithm", International Journal of Applied Engineering Research, Vol.10: pp- 180-186, 2015.

19.   P. Selvarani and P. Visu, 2015. Multi-model Bio-cryptographic Authentication in Cloud Storage Sharing for Higher Security. Research Journal of Applied Sciences, Engineering and Technology, Vol.11 (1): pp 95-101, 2015.

20.   G. Soniya Priyatharsini and P. Visu, 2015. DYBACON: An Auditor for Secure Kinetic Cloud Storage. Research Journal of Applied Sciences, Engineering and Technology, Vol.10 (1):pp70-78, 2015.

21.   S. Koteeswaran, P. Visu and E. Kannan, "Enhancing JS– MR Based Data Visualisation using YARN", Indian Journal of Science and Technology, Vol 8(11), 2015.

22.   P.Visu, V.Sabapathi and K.A. Varunkumar, " A Hybrid Cloud Architecture for Secure Service—Measures Against Poodle Vulnerability" Advances in Intelligent Systems and Computing, Volume 398, pp.707-713, 2016.

23.   P,Visu, A.S Kumaresan and K.A Varunkumar, "Analysing Performance of Small Business Servers" Middle-East Journal of Scientific Research, pp.212-218, 2016.

24.   Visu.P, Chakravarthi.S., "Real Time DDoS Attack Detection in Software Defined Networks Using Machine Learning Techniques" International Journal of Printing, Packaging & Allied Sciences, Vol 4(5) pp.3334-3340, 2017.

25.   Visu.P, Chakravarthi.S., "The Software Architectural Advantages of Gateway-based Implementations of Securing in Web Services" International Journal of Printing, Packaging & Allied Sciences, Vol 4(5) pp.3341-3350, 2017.

26.   Visu.P, Chakravarthi.S, R.P.Brindha Devi, A. Merlin Monisha and Mohanapriya., "The Privacy Preserving Model Using For Securing Simple Object Access Protocol Messages" International Journal of Trend in Research and Development, pp.12-16, 2017.

27.   Visu.P, Reetha.S., "A Survey on Student Attendance Marking using Face Recognition in Internet of Things" International Journal for Scientific Research & Development, Vol 4(5), 2017.

28. Visu P, Kavitharani P, "Evaluation the Performance of Fast Reactive and Fast Adaptive Algorithm via Q-Learning", International Journal of Computer & Mathematical Sciences, Vol.6, Issue 9, pp182-189, 2017.

29. Visu P, Murugananthan V, " A dependable smart security system for dominant attacks on agriculture crop fields", International Journal of Engineering & Technology, Vol.7, Issue 1.3, pp195-197, 2018.

30. P.Visu, S.Chakaravarthi, R.Ganesan "An Object Detection and Tracking Techniques Using Superpixel Extraction in Compressed Video Sequences" International Journal of Pure and Applied Mathematics, Vol.119, Issue 17, pp553-574, 2018.

31. Visu P, Sivakumar N "Auto Locating Apex-Base Points and Removing Leaf petioles using straight line interpolation and bisection", Multimedia Tools and Applications (Springer), 2018.

32. Visu P, Neeba E.A, Koteeswaran S, "Real-time DDoS attack detection in Software Defined Networks using Machine Learning techniques", Caribbean Journal of Science, Vol.53, Issue 2, pp2193-2205, 2019.

33. Visu P, Lakshmanan L, Murugananthan V, Meenalosini Vimal Curz, "Software-defined forensic framework for malware disaster management in Internet of Thing devices for extreme surveillance", Computer Communication(Elsevier), Vol.147, pp14-20, 2019.

34. Visu P, Arivudainambi D, Varun Kumar K.A, Sibi Chakkaravarthy S, "Malware traffic classification using principal component analysis and artificial neural network for extreme surveillance", Computer Communication(Elsevier), Vol.147, pp50-57, 2019.

35. Visu P, S. Kevin Andrews, Lakshmanan L, V.Jeyabalaraja, M.S.Josephine, "CBR- Contour based routing in Multi Hop Wireless Sensor Network", TEST Engineering & Technology, Vol.81,pp5085-5090, 2019.

36. P.Visu, T.Suriya Praba, N.Sivakumar, R.Srinivasan, & T.Sethukarasi, "Bio-inspired dual cluster heads optimized routing algorithm for wireless sensor networks", Journal of Ambient Intelligence and Humanized Computing, DOI 10.1007/s12652-019-01657-9, (Springer), 2020.

37. D.Arivudainambi, Varun Kumar K.A, P Visu, "Ransomware Traffic Classification Using Deep Learning Models: Ransomware Traffic Classification", International Journal of Web Portals (IJWP), IGI Global, Vol.12(1), pp1-11, 2020.

38. M.S Josephine, L Lakshmanan, RR Nair, P Visu, R Ganesan, R.Jothikuamr, "Monitoring and sensing COVID-19 symptoms as a precaution using electronic wearable devices",

International Journal of Pervasive Computing and Communications, Vol. 16 No. 4, pp. 341-350, 2020.

39.   S Prabu, B Velan, FV Jayasudha, P Visu, K Janarthanan, "Mobile technologies for contact tracing and prevention of COVID-19 positive cases: a cross-sectional study", International Journal of Pervasive Computing and Communications, https://doi.org/10.1108/IJPCC-07- 2020-0086, 2020.

40.   Visu P, Kannan E., "Vast Intelligence Swarm Usage Routing Protocol for MANET", Ad Hoc Networks (Elsevier), (In Review).