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### **Research Publications**

- [An Efficient Approach to Identify Selfish Node in MANET](#) 2020  
MM MUSTHAFA, K VANITHA, AMJMDZ RAHMAN, K ANITHA  
2020 International Conference on Computer Communication and Informatics ...
- [Preventing malicious packet dropping nodes in MANET using IFHM based SAODV routing protocol](#) 2019  
K Vanitha, AMJZ Rahaman  
Cluster Computing 22 (6), 13453-13461
- [An efficient performance evaluation model for the resource clusters in cloud environment using continuous time Markov chain and Poisson process](#) 2019  
M Kowsigan, P Balasubramanie  
Cluster Computing 22 (5), 12411-12419
- [Socia media opinions aware adverse drug effect prediction and prevention system for the secured health care medical environment](#) 2019  
S Nalini, P Balasubramanie  
Cluster Computing 22 (5), 12827-12837
- [Fuzzy Rule Selection Using Hybrid Artificial Bee Colony with 2-Opt Algorithm for MANET](#) 2019  
RL Babu, P Balasubramanie  
Mobile Networks and Applications, 1-11
- [A novel resource clustering model to develop an efficient wireless personal cloud environment](#) 2019  
K MOHAN, B PALANISAMY  
Turkish Journal of Electrical Engineering & Computer Sciences 27 (3), 2156-2169
- [Energy and cluster based efficient routing for broadcasting in mobile ad hoc networks](#) 2019  
S Venu, AMJMZ Rahman  
Cluster Computing 22 (1), 661-671
- [A Map Reduce Framework for Identifying Association Rules between Clinical Traits of Asthma](#) 2019  
S Poorani, P Balasubramanie  
Indian Journal of Public Health Research & Development 10 (7), 1329-1331
- [Bound Model of Clustering and Classification \(BMCC\) for Proficient Performance Prediction of Didactical Outcomes of Students](#) 2018  
M Anoopkumar, AMJ Rahman, M Zubair  
INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS
- [Routing Analysis for Broadcasting in Mobile Ad Hoc Network's Through Ad Hoc On-Demand Distance Vector](#) 2018  
S Venu, AMJ Rahman  
Journal of Computational and Theoretical Nanoscience 15 (4), 1409-1414
- [Analysis of Cryptographic Techniques in Network Security](#) 2018  
K Vanitha, K Anitha, AMJMZ Rahaman, MM Musthafa  
Journal of Applied Science and Computations 5 (8), 155-163

<b>ENHANCED UNDERWATER WIRELESS SENSOR NETWORKS SECURITY WITH TIC-TAC-TOE AI-MINIMAX ALGORITHM IN GAME THEORY.</b> KP Porkodi, AM ZubairRahman TAGA J. Graphic Technol. 14, 216-224	2018
<b>Secure deduplication for cloud storage using interactive message-locked encryption with convergent encryption, to reduce storage space</b> N Jayapandian, AMJ Md Zubair Rahman Brazilian Archives of Biology and Technology 61	2018
<b>FAODV, DSR, DSDV performance analysis for broadcasting in MANET</b> S Venu, AMJMDZ RAHMAN TAGA Journal of Graphic Technology 14, 1179-1187	2018
<b>A Fuzzy Trust Based Opportunistic Routing in Mobile Ad Hoc Network</b> RL Babu, P Balasubramanie International Journal of Pure and Applied Mathematics, special issue 119 (16 ...	2018
<b>Model of Tuned J48 Classification and Analysis of Performance Prediction in Educational Data Mining</b> M Anoopkumar, A Rahman Int. J. Appl. Eng. Res 13 (20), 14717-14727	2018
<b>Apriori Algorithm for Identifying the Association Rules between Clinical Traits of Asthma</b> S Poorani, P Balasubramanie, DV Kumar International Journal of Pure and Applied Mathematics 118 (18), 4695-4706	2018
<b>QoS BASED SERVICE COMPOSITION FOR SERVICE COMPUTING USING CUCKOO SEARCH</b> P Thangaraj, P Balasubramanie parameters 16, 17	2018
<b>Development and evaluation of fast dissolving film for oro-buccal drug delivery of chlorpromazine</b> WM Hussain, P Kushwaha, AM Rahman, J Akhtar Indian J Pharm Educ Res 51, 539-47	2017
<b>Hadoop based parallel binary bat algorithm for network intrusion detection</b> P Natesan, RR Rajalaxmi, G Gowrison, P Balasubramanie International Journal of Parallel Programming 45 (5), 1194-1213	2017
<b>Effective routine analysis in MANET's over FAODV</b> S Venu, AMJMZ Rahman 2017 IEEE International Conference on Power, Control, Signals and ...	2017
<b>A Study on Hierarchical Clustering for Identifying Asthma Endotypes</b> S Poorani, P Balasubramanie, N Sasipriyaa Journal for Research  Volume 3 (05)	2017
<b>Secure and efficient online data storage and sharing over cloud environment using probabilistic with homomorphic encryption</b> N Jayapandian, AMJMZ Rahman Cluster Computing 20 (2), 1561-1573	2017
<b>Efficient Analysis of Malicious Packet Dropping and Privacy in MANET using FHM</b> K Vanitha, AMJ Rahaman Asian Journal of Research in Social Sciences and Humanities 7 (1), 551-562	2017
<b>Secure Wireless Cloud Data Storage using Hierarchical-Attribute based Encryption with Identity Based Encryption</b> N Jayapandian, AMJ Rahman Asian Journal of Research in Social Sciences and Humanities 7 (1), 1000-1010	2017

<b>Research on naïve Bayesian and hidden Markov model on Hadoop in cluster computing applications</b> K Muralisankar, AMJMZ Rahman International Journal of Internet Technology and Secured Transactions 7 (4 ...	2017
<b>Robust Feature Selection Model for Outlier Detection Using Fuzzy Clustering and Rule Mining</b> G Karthikeyan, P Balasubramanie International Journal of Applied Engineering Research 12 (17), 7019-7028	2017
<b>Improved cloud security trust on client side data encryption using HASBE and Blowfish</b> N Jayapandian, AMJMZ Rahman, RB Sangavee, R Divya 2016 Online International Conference on Green Engineering and Technologies ...	2016
<b>A Scalable Solution to the Wireless Personal Cloud Service Providers to Allocate Maximize Resources to Users</b> K Muralisankar, AMJMZ Rahman Wireless Personal Communications 90 (2), 625-637	2016
<b>A novel energy optimization mechanism for medical data transmission using honeycomb routing</b> OC Mathew, AMJ Rahman Journal of Medical Imaging and Health Informatics 6 (3), 857-862	2016
<b>A Review on Data Mining techniques and factors used in Educational Data Mining to predict student amelioration</b> M Anoopkumar, AMJMZ Rahman 2016 International Conference on Data Mining and Advanced Computing ...	2016
<b>Enhanced cloud security framework to confirm data security on asymmetric and symmetric key encryption</b> N Jayapandian, AMJMZ Rahman, S Radhikadevi, M Koushikaa 2016 World Conference on Futuristic Trends in Research and Innovation for ...	2016
<b>A Survey of Underwater Wireless Sensor Networks and its Challenges</b> KP Porkodi, AM Rahuman Asian Journal of Research in Social Sciences and Humanities 6 (9), 594-607	2016
<b>ELIMINATION OF HARMONICS IN AC INDUCTION MOTOR DRIVE</b> N Rameshkumar, AMJMZ Rahman	2016
<b>A novel approach to enhance multi level security system using encryption with fingerprint in cloud</b> N Jayapandian, AMJMZ Rahman, M Koushikaa, S Radhikadevi 2016 World Conference on Futuristic Trends in Research and Innovation for ...	2016
<b>Cross Layer Design based Energy Constrained Honey Comb Routing for MANET</b> OC Mathew, AMJ Rahaman Asian Journal of Research in Social Sciences and Humanities 6 (10), 1637-1647	2016
<b>ROUTE DISCOVER ALGORITHM GFVDA &amp; GFVDAF FOR MANETS WITH DIRECTIONAL ANTENNA</b> OC Mathew, AMJMZ Rahman	2016
<b>An Improved Job Scheduling in Cloud Environment using Auto-Associative-Memory Network</b> M Kowsigan, P Balasubramanie Asian Journal of Research in Social Sciences and Humanities 6 (12), 390-410	2016
<b>SHG women empowerment: a multiparty movement all over the world</b> J Venkatesh, P Dhibiya, S Thenmozhi, P Balasubramanie International Journal of Physical and Social Sciences 6 (3), 95-105	2016

<b>Emerging overview on global retail supply chain management using information technology</b> J Venkatesh, B Das, S Thenmozhi, P Balasubramanie, G Shivaranjani International Journal of Marketing and Technology 6 (3), 93-108	2016
<b>Challenges and opportunities for women self help group entrepreneurs</b> J Venkatesh, P Dhibiya, S Thenmozhi, P Balasubramanie International Journal of Research in Social Sciences 6 (3), 733-742	2016
<b>Recent enhancements in RFID technology for retail industry</b> J Venkatesh, B Das, S Thenmozhi, P Balasubramanie, G Shivaranjani International Journal of Marketing and Technology 6 (3), 109-123	2016
<b>A study on growth factors in Indian organized retail sector by adoption of RFID technology</b> J Venkatesh, B Das, D Thenmozhi, P Balasubramanie, C Priyesh International Journal of Marketing and Technology 6 (3), 124-129	2016
<b>Indian Retail Market: A Prospective Scope for Adoption of Information Technology Tools</b> J Venkatesh, B Das, S Thenmozhi, P Balasubramanie, C Priyesh International Journal of Management, IT and Engineering 6 (3), 175-181	2016
<b>Challenges Facing by The Indian Organized Retail Sector in Implementing Information Technology</b> J Venkatesh, B Das, S Thenmozhi, P Balasubramanie, G Shivaranjani International Journal of Management, IT and Engineering 6 (3), 182-194	2016
<b>AdaBoost Algorithm with Single Weak Classifier in Network Intrusion Detection</b> P Natesan, P Balasubramanie, G Gowrison Network Security Attacks and Countermeasures, 259-269	2016