




SRM Valliammai Engineering College

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Department of Computer Science and Engineering

Personal Details

Name :	Dr. M. Mayuranathan	
Designation :	Assistant Professor (Senior Grade)	
Educational Qualification :	B.E., M.Tech., Ph.D.,	
Experience:	17 Years	
Area of Specialization :	Cloud Security, CSE	
Date of Birth :	22/05/1981	
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	CSE	Periyar University	2002
2	M.Tech.	CSE	SRM University	2005
3	Ph.D.	ICE	Anna University	2021

Professional Society Memberships

1. Life Member of Indian Society for Technical Education [ISTE]
2. Life Member of Computer Society of India [CSI]
3. Annual Member of ISCA

Publication Details

Journals:

1. Scalable Data Sharing With Aggregate Key Cryptosystem For Data Stored In Cloud, by CC Ashwin, M Mayuranathan, has published in International Journal of Multidisciplinary Education Research Issn :2277 – 7881, Impact Factor – 2.735, Ic Value: 5.16 Volume 3 , Issue 3(3), March 2014.
2. Fuzzy Clustering Life Span Fortification With Data Compression, Nearest Neighbor Technique And Elliptical Curve Cryptography In WSN, by M Nagarajan, M Mayuranathan, S Jayanthi, has published in International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277128x, Volume 4, Issue 5, and May 2014.
3. A Survey Of Various Handover Techniques And Performance Analysis In Mobile WIMAX IEEE 802.16m Standard”, by M Mayuranathan, G Akilandasowmya, has published in Inter National Journal Of Advances In Engineering, Issn: 2394- 9260(Printed Version), Issn: 2394-9279(Online Version), Volume 1, Issue 2, February 2015.
4. An Enhanced Data Anonymization Technique To Preserve Privacy In Big Data”, by V Deepalakshmi, M Mayuranathan, S Balasubramani, has published in International Journal of Advances in Engineering, ISSN 2394-9260(Printed Version), Issn: 2394- 9279 (Online Version), Volume 1, Issue 2, February 2015.
5. Data Anonymization With Specialized Ring Signature Technique for Preserving Privacy in Big Data, by V Deepalakshmi, M Mayuranathan, has published International Journal of Technology and Engineering System 7 (1), 59 – 63, 2015.
6. Speech Based Lexicon Analysis System Integrating Wrapping Attack Prevention Technique in Cloud Storage, by A Arun, M Mayuranathan, published in International Journal of Control Theory and Applications, 9 (40), 689 – 696, 2016.

7. Enhancing liveness testing for transferring data packets through using automatic test packet generation, by A Arun, M Mayuranathan, published in International Journal of Engineering Development and Research 5 (1) 475 – 479, 2017.
8. An Outlook on Lexicon Analysis System, by A Arun, M Mayuranathan, published in International Journal of Scientific Development and Research (IJSDR), Volume 2, Issue 2, Pages 1 – 2, ISSN: 2455-2631, 2017.
9. Auditing for Cloud Consistency in CaaS using Cloud Computing, by A Arun, M Mayuranathan, published in Auditing 5 (3), 2017.
10. A Deep Survey on Sole and Essence of Hand Mudra(s), by M Nagarajan, M Mayuranathan, S Jayanthi Published in International Journal of Creative Research Thoughts (IJCRT) 5 (4), 387 – 383, 2017.
11. Distributed Denial of Service (DDoS) Attacks Detection Mechanism, by BS Mohan, PS Kumar, Y Vaishnavi, M Mayuranathan, published in International Journal of Science Technology & Engineering 4 (10) 29 – 33, 2018.
12. FOOD SUPPLY CHAIN MANAGEMENT USING BLOCKCHAIN, by V raj T, P Mohan, GE Vigneshwara, M Mayuranathan published in International Research Journal of Engineering and Technology, 6 (3), 1162 – 1167, 2019.
13. A Performance Perspective Analysis: A Detailed Vision on Denial of Service and Distributed Denial of Service on Cloud Computing, by M Mayuranathan, M Murugan, V Dhanakoti, published in International Journal of Recent Technology and Engineering (IJRTE), 8 (3), 3132 – 3143, ISSN: 2277-3878, 2019.
14. An Intrusion Detection System Using Optimized SVM For Detecting DDoS In Cloud, by M Mayuranathan, M Murugan, V. Dhanakoti, published in International Journal of Scientific & Technology Research 8 (ISSUE 11), 2914 – 2919, ISSN 2277-8616, 2019.
15. Learner Attention Detection and Dynamic Tutorial Recommendation using Image Processing Techniques, by M Mayuranathan, RD Singh, M Balaji, GP Suhas, published by International Journal of Advance Research and Innovative Ideas In Education, 6(1), 1276 – 1281, ISSN(O)-2395-4396, 2020.
16. Enhanced Security in Cloud Applications Using Emerging Blockchain Security Algorithm, by M Mayuranathan, M Murugan, V Dhanakoti, published in Journal of Ambient Intelligence and Humanized Computing 12 (7), 6933-6945, 2021.
17. Best Features Based Intrusion Detection System by RBM Model for Detecting Ddos in Cloud Environment, by M Mayuranathan, M Murugan, V Dhanakoti, published in Journal of Ambient Intelligence and Humanized Computing 12 (3), 3609-3619, 2021.

Conferences:

1. Dashboard Approach Combining the Ranked Software Cost Estimation Models in National conference on advances in information and communication engineering at Sri Venkateswara College of Engineering during 27th and 28th FEB 2014.
2. Greedy Approach to Understand Human Behavioral Patterns in National conference on Advances in Information and Communication Engineering AT Sri Venkateswara College of Engineering during 27th and 28th FEB 2014.
3. Decentralised Access Control with Aggregate Key Encryption for Data Stored in Cloud in the International Conference on Recent Trends in Engineering and Technology organized by C.S.I Institute Of Technology During 13th To 14th Mar 2014.
4. Design of Linear Algebra Operations for Image Processing Applications at the National Conference On “Electronics, Control And Automation” In Association With Isa – Nceca2009 On 17th And 18th Sep 09 At SRM University.

Research and Development Details

1. No. of Research Projects Completed: 1
2. No. of Patents Filed: 3
3. No of Conferences Convened:2

Other Particulars

1. No. of STTP/FDP coordinated: 3