1. Name : Dr. Shanthi AL.

2. Designation : Assistant Professor

3. Qualification : M.Sc., M.Phil., Ph.D.

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6. Teaching Experience : 19 Years

7. Area of specialization : Cloud Computing, Machine Learning, Deep

   Learning, IoT and Programming Languages

8. Positions Held in Auxilium : Website Coordinator from 2016 to till Date.
   IQAC Member from 2022 to till date.
   Online Course Coordinator from 2020.
   Coordinator for Health and Fine arts Club from
   2012- 2015

9. Research Experience and Guidance: 13 Years

10. Projects Completed / Ongoing: Seed Money Project (2023)

11. No. of Papers Published: 10

12. No. of Papers Presented in the National/ International/ Seminars/ Workshops/
Conferences: 8

13. No. of Seminars/Workshops/Conferences organized: 19

14. Membership in professional bodies: Nature Science Foundation

15. Other bodies: Editor for PriMera Scientific Engineering (PSEN) Journal.

16. Honors & awards received: Received Best paper Award for Decentralized

   Applications Offloading to Mobile Clouds using M-

   POMAC', International Conference on Advanced

   Computing and Communication Systems

PUBLICATIONS

Publications in Journals

1. Shanthi, A.L., Ramesh, V. (2023). DEOMAC—Decentralized and Energy-Efficient Framework for Offloading Mobile Applications to Clouds. In: Shetty, N.R., Patnaik, L.M.,Prasad, N.H. (eds) Emerging Research in Computing, Information, Communication and Applications. Lecture Notes in Electrical Engineering, vol 928. Springer, Singapore.

2. Shanthi AL and Ramesh V. (2018) 'Deep Convolutional Neural Network with Modified Fuzzy C-Means Clustering Based Mobile Applications Offloading to Clouds', Journal of Computational and Theoretical Nanoscience., Vol. 15, pp 2748–2757.

3. Shanthi AL and Ramesh V. (2019) 'Secured and Dynamic Decentralized Computational Offloading Framework for Mobile Cloud Computing', International Journal of Innovative Technology and Exploring Engineering., Vol. 8, Issue 11, pp 2589-2593.

4. Shanthi AL and Ramesh V. (2020) 'DFOMAC - Decentralized Framework for Offloading Mobile Applications to Clouds', Journal of Advanced Research in Dynamical & Control Systems., Vol. 12, pp 1834-1846.

5. Shanthi AL and Ramesh V. (2017) 'Decentralized Applications Offloading to Mobile Clouds Using M-POMAC', IEEE Xplore., pp 1-6.

6. Shanthi AL and Ramesh V. (2016) 'Mobile Computational Offloading using Cloudlets', IJREST International Journal for Research in Emerging Science and Technology., Vol. 2, Issue 1, pp 133-135.

7. Shanthi AL and Ramesh V. (2018) 'Optimal QoS Constrained Automated Offloading Method for Mobile Cloud Computing Using Particle Swarm Optimization', International Journal of Research and Analytical Reviews., Vol. 5, Issue 12, pp 573-581.

8. Shanthi AL and Suganya V. (2016) 'Mobile Cloud Computing Perspectives and Challenges', International Journal of Innovative Research in Advanced Engineering (IJIRAE)., Vol. 5, Issue 7, pp 71-76.

9. Shanthi AL and Ramesh V. (2016) 'Mobile Computational Offloading using Cloudlets', International Journal for Research in Emerging Science and Technology', Vol. 52, Issue 2, pp 133-135.

Publications in Conference Proceedings

INTERNATIONAL

[1]   Shanthi AL and Ramesh V. (2017) 'Decentralized Applications Offloading to Mobile Clouds using M-POMAC', In: Proceedings of International Conference on Advanced Computing and Communication Systems (ICACCS 2017) at Easwari Engineering College, Coimbatore. Received Best Paper Award.

[2]   Shanthi AL and Ramesh V. (2018) 'A Deep Convolutional Neural Network using Fuzzy c means clustering based Offloading to Mobile Clouds', In: Proceedings of International Conference on "Advance Computing and Big Data Analytics (ICACB 18) at Kingston Engineering College, Vellore.

[3]   Shanthi AL and Ramesh V. (2018) 'A Deep convolutional Neural Network with Optimal Delay Cloudlet Selection based Offloading to Mobile Clouds', In: Proceedings of International Conference on Recent Trends in Science and Technology (ICRTST 18) at G.K.M College of Engineering and Technology, Chennai.

[4]   Shanthi AL and Ramesh V. (2019) 'Dynamic Decentralized Computational Framework for Offloading Mobile Applications to Cloud', In: Proceedings of 5th International Conference on Computing Paradigms (ICCP 19) at Don Bosco College, Yelagiri Hills.

NATIONAL

[5]   Shanthi AL and Ramesh V. (2016) 'Mobile Computational Offloading Architecture', In: Proceedings of National Conference on Big Data (NCBD 16) at Adhiparasakthi college of Arts and Science, Kalavai.

[6]   Shanthi AL and Ramesh V. (2016) 'Mobile Computational Offloading using Cloudlets', In: Proceedings of National Conference on Recent Trends in Computer Technology (NCRTCT 16) at Sri Balaji Chockalingam Engineering College, Arni.

[7]   Shanthi AL and Ramesh V. (2016) 'Security Issues in Mobile Computational Offloading', In: Proceedings of National Conference on NXTGEN Developments in Computer Science and Mathematics at Shree Chandraprabhu Jain College, Minjur, Chennai.