Orchid ID - http://orcid.org/0000-0001-9215-6122

Journal Papers

T.Deepika , Prakash P and Dhanya NM , *"Efficient Resource Prediction Model for Small and Medium Scale Cloud Data Centers"*, Journal of Intelligent & Fuzzy Systems, vol. Pre-press, no. Pre-press, pp. 1-17, August 2020. [DOI: 10.3233/JIFS-200653]

T.Deepika and Prakash P, *"Power Consumption Prediction in Cloud Data Center using Machine Learning"*, International Journal of Electrical and Computer Engineering, vol. 10, no. 2, pp. 1524-1532, 2020.

Prakash P, Suresh, R., and Kumar, P. N. Dhinesh, *"Smart City Video Surveillance using Fog Computing"*, International Journal of Enterprise Network Management, Volume , vol. 10, no. 3/4, 2019.

Y. S. V. Chandolu, Dharaa, C., and Prakash P, "*Railway Gate System: Railway Gate Status Detection"*, International Journal of Recent Technology and Engineering, vol. 7, pp. 523-525, 2019.

R. Suresh and Prakash P, *"Deep Learning based Image Classification on Amazon Web Service"*, Journal of Advanced Research in Dynamical and Control Systems, vol. 10, pp. 1000-1003, 2018.

Prakash P, Darshaun, K. G., Yaazhlene, P., Ganesh, M. V., and Vasudha, B., *"Fog Computing: Issues, Challenges and Future Directions"*, International Journal of Electrical and Computer Engineering, vol. 7, pp. 3669-3673, 2017.

S. Arun, Chandrasekaran, A., and Prakash P, *"CSIS: Cloud service identification system"*, International Journal of Electrical and Computer Engineering, vol. 7, no. 1, pp. 513-520, 2017.

A. Kumar, Sathasivam, C., and Prakash P, *"Virtual machine placement in cloud computing Environment"*, Indian Journal of Science and Technology, vol. 9, no. 29, 2016.

T. B. Stanley, S. Krishnan, M., and Prakash P, *"A security framework for internet of things (Iot) authentication using certificates"*, International Journal of Applied Engineering Research, vol. 10, no. 12, pp. 30337-30344, 2015.

Shriram K Vasudevan, Prakash P, P.b, S., and S.a, S., *"A study on SONET and SDH with their defects in optical network"*, Indian Journal of Science and Technology, vol. 8, no. 29, 2015.

N. Janani, Jegan, R. D. Shiva, and Prakash P, "*Optimization of virtual machine placement in cloud environment using genetic algorithm*", Research Journal of Applied Sciences, Engineering and Technology, vol. 10, no. 3, pp. 274-287, 2015.

V. Sucharitha, Subash, S. R., and Prakash P, *"Visualization of Big Data: Its tools and challenges",* International Journal of Applied Engineering Research, vol. 9, no. 18, pp. 5277-5290, 2014.

G. Mounika, Rahmyashree, R., Prakash P, Vasudevan, S. K., and Suresh, C., *"Cannier and intelligent office environment: An interesting attempt"*, International Journal of Applied Engineering Research, vol. 9, no. 18, pp. 4825-4836, 2014.

S. Jegan D., Shriram K Vasudevan, K., A., Prakash P, S., S., and V., G., *"Cloud Computing: A Technical Gawk"*, International Journal of Applied Engineering Research, vol. 9, no. 14, pp. 2539-2554, 2014.

A. Baskar, V., S. K., and Prakash P, *"Advanced investigation and comparative study of graphics processing unit-queries countered"*, Research Journal of Applied Sciences, Engineering and Technology, vol. 8, no. 15, pp. 1766-1771, 2014.

A. Baskar, Vasudevan, S. K., Prakash P, and Suresh, C., *"Ergodesk-desktop ergonomics using the new quadratic search algorithm"*, Research Journal of Applied Sciences, Engineering and Technology, vol. 8, no. 15, pp. 1762-1765, 2014.

K. Velusamy, Venkitaramanan, D., Vasudevan, S. K., Prakash P, and Arumugam, B., "Internet of things in cloud", Journal of Engineering and Applied Sciences, vol. 8, no. 9, pp. 304- 313, 2013.

Conference Proceedings and Book Chapter

A. Ravi, N. Kailashnath and P. Prakash, "Enhancing Biomedical Sensing in Ambulances using Neural Networks and Internet of Things," 2020 Fourth International Conference on Computing Methodologies and Communication (ICCMC), India, 2020, pp. 43-48

Kartik.P.V.S.M.S, Konjeti B V N S Sumanth, and Sri Ram V N V and Prakash P, "Sign Language to Text Conversion Using Deep Learning", Proceedings of the 4th International Conference on Inventive Communication and Computational Technologies (ICICCT 2020), Lecture Notes in Networks and Systems(LNNS), Springer. [Accepted]

P. D. Bharathi, P. Prakash and M. V. K. Kiran, "Energy efficient strategy for task allocation and VM placement in cloud environment", Published in IEEE International Conference on

Innovations in Power and Advanced Computing Technologies [i-PACT20l7], pp. 21-22, April 2017.

P. D. Bharathi, P. Prakash and M. V. K. Kiran, "Virtual machine placement strategies in cloud computing", Published in IEEE International Conference on Innovations in Power and Advanced Computing Technologies [i-PACT20l7], pp. 21-22, April 2017.

S. Priyadharshini, Nivetha, D., Anjalikumari, T., and Prakash P, "Mobile controlled door locking system with two-factor authentication", in Advances in Intelligent Systems and Computing (AISC Springer), vol. 398, Springer, 2016, pp. 133- 139.

K. Kaaviyan., S., Deepak., and Prakash P, "A Study on Security Issues in Cloud Computing", in Advances in Intelligent Systems and Computing (AISC Springer), vol. 398, 2016, pp. 167-175.

K. S. Sangeetha and Prakash P, "Big data and cloud: a survey", Advances in Intelligent Systems and Computing (AISC Springer), vol. 325. pp. 773-778, 2015.

Prakash P, Kousalya, G., Shriram K Vasudevan, and Sangeetha, K. S., "Green Algorithm for Virtualized Cloud Systems to Optimize the EnergyConsumption", Advances in Intelligent Systems and Computing (AISC Springer), vol. 324. Springer, pp. 701–707, 2015.

Prakash P, Kousalya, G, and Rangaraju, K. K., "Hardware Based Distributive Power Migration and Management Algorithm for Cloud Environment", In Proceedings of The 8th FTRA International Conference on Multimedia and Ubiquitous Engineering (MUE 2014), Lecture Notes in Electrical Engineering (LNEE), vol. 308. Springer Berlin Heidelberg, Berlin, Heidelberg, pp. 83–89, 2014.