FACULTY PROFILE

Name	:	Ms. D. Christy Sujatha	
Designation		Assistant Professor	
Department		Software Engineering	
Educational Qualification		MCA, M.Tech, (Ph.D)	
Subject of Interest	:	Big Data Analytics, Streaming Data Analytics, Cloud Computing	
Publications :	:	**International Journal Publication**	

International Journal Publication

1. D.Christy Sujatha has published a research paper entitled " Minimising Time span of Big Data Analytics using Hadoop – Map Reduce" in IJERT (International Journal of Engineering Research and Technology ISSN :2278 -0181, Volume 3, Issue 05, May 2014.

2. D.Maghesh Kumar, D.Christy Sujatatha, M.Chandra Kuamar Peter published a paper "Survey On Data Analytic Tools "in Indian J.Sci.Res. 14 (1): 176-180, 2017 Issn: 0976-2876.

3. D.Christy Sujatha, Dr.J.Gnana Jayanthi published a paper "Big Data Analytics Survey: Evolution, Process, Challenges and Research Issues" in International Journal of Computer & Mathematical Sciences IJCMS ISSN 2347 – 8527 Volume 6, Issue 10 ,October 2017

4. S.Dhekshnamoorthy, D.Christy Sujatha published a paper "Mark Based Assessment Strategies " in International Journal of Research and Applied Science & Engineering Technology (IJRASET) ISSN 2321-9653 Volume 5, Issue 4 ,April 2017

5. L.Gopinath , D.Christy Sujatha published a paper "Health Prediction System " in International Journal for Research and Development in Technology ISSN 2349-3585 Volume 7, Issue 4 , April 2017

6. D.Christy Sujatha ,R,Selvarajasekar published a paper "Accident Prevention and Repporting System using GSM(SIM 900 D) and GPS(NMEA 0183) " in International Journal for Research and

Development in Technology ISSN 2349-3585 Volume 7, Issue 4 , April 2017

7. Ms.D.Christy Sujatha, Mr.D.Maghesh Kumar, Mr.M.Chandra Kuamr Peter published a paper "Building Predictive model for diabetics data using k means algorithm " in the Internatonal Journal of Mangement , IT & Engineering , Volume 8, Issue 7, July 2018 , ISSN -2249-0558 with impact factor 7.119

8. Christy Sujatha, and J.GnanaJayanthi, "A General Framework for Streaming Data Analytics", In the International Journal of TEST Engineering and Management, ISSN: 0193-4120, Vol.81, Issue 4, PP: 4493-4502, November-December 2019. (Scopus Indexed Journal)

9   D.Christy Sujatha, and J.GnanaJayanthi, "Meta_LASH Tree : Bagging at Meta Level Using LASSO Regression Hoeffding Tree for Streaming Data", In: IEEE Proceedings of the 3rd International Conference on Trends in Electronics and Informatics (ICOEI), ISBN: 978-1-5386-9439-8, PP: 1047-1051,2019. (IEEEXplore Scopus Indexed).

10. D.Christy Sujatha, and J.GnanaJayanthi, "LASH Tree: LASSO Regression Hoeffding Tree for Streaming Data", In the International Journal of Psychosocial Rehabilitation, ISSN: 1475-7192, Vol.24, Issue 4, PP: 3022-3033, February 2020. (Scopus Indexed Journal)

International Conference Publication

1. A.Satheesh, D.Christysujatha D.Kumar, Cloud Based Virtual Agriculture marketing and Information System (C-VAMIS) Springer International Publishing Switzerland 2015, *Emerging ICT for Bridging the Future – Volume 1,* Advances in Intelligent Systems and Computing 337, DOI: 10.1007/978-3-319-13728-5_62 Using Internet of Things, *ICT and Critical Infrastructure: Proceedings of the 48th Annual Convention of Computer Society of India- Vol II , Advances in Intelligent Systems and Computing*, *Springer LNCS,* Volume 249, 2014, pp 627-634 held at Vizagapatinum.

2. D.Christysujatha, A.Satheesh, D.Kumar, S.Manjula, Smart Infrastructure at Home Using Internet of Things, *ICT and Critical Infrastructure: Proceedings of the 48th Annual Convention of Computer*

		Society of India- Vol II , Advances in Intelligent Systems and Computing, Springer LNCS, Volume 249, 2014, pp 627-634 held at Vizagapatinum. 3 .D.Christy Sujatha, A.Satheesh , Energy Efficient free Cooling System in the data center ,Cloud Computing Technology and Science , *CLOUDCOM '11 Proceedings of the 2011 Third International Conference on Cloud computing Technology and Science Pages 646 - 651, IEEE Computer Society Washington, DC, USA ©2011 ISBN: 978-0-7695-4622-3 held at Ethence*
		National Conference Publication *1.* D.Christy Sujatha, A. Satheesh, Data center Environmental Monitoring System using wireless sensor network, *Proceedings of National Conference on cloud computing* **2.** S.Manjula, Dr. K.Lakshmi, D.Christy Sujatha, Visual surveillance on detecting fire in rural area using distributed wireless sensor network, Proceeding s of National conference on Efficient implementation of recent IT trends for Rural development. **3.** J.Gna Jayanthi, S.Albert Rabara, D. Christy Sujatha, Quality Of service (QoS) in IEEE 802.11(WLAN) the Present and Future Scenario, Natioanal Conference on advanced Pattern mining and Multimedia Computing. **4.** D.Christy Sujatha, J.Gnana Jeyanthi, Dynamic Load Balancing in Distributed System: An Efficient Approach, in the National Conference on Innovations in IT
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