## **References:**

- [1] S. Gowrishankar, T.G.Basavaraju, D.H. Manjaiah and S.K. Sarkar, "Issues in Wireless Sensor Networks", in Proceedings of the World Congress on Engineering, Jul, 2008, London, U.K.
- [2] I.F. Akyildiz et al., "A Survey on Sensor Networks," IEEE Communications Magazine, Vol. 40, pp.102-114, Aug 2002.
- [3] L. Bajaj, M. Takai, R. Ahuja, K. Tang, R. Bagrodia, and M. Gerla, "GloMoSim: A Scalable Network Simulation Environment," Technical Report 990027, UCLA Computer Science Department, 1999.
- [4] Alan Mainwaring, Joseph Polastre, Robert Szewczyk, David Culler, John Anderson, "Wireless Sensor Networks for Habitat Monitoring", in WSNA'02, September 28, 2002, Atlanta, Georgia, USA, ACM 1-58113-589-0/02/0009.
- [5] K.Chebrolu, B. Raman, N. Mishra, P. K. Valiveti, and R.Kumar, "BriMon: A Sensor Network System for Railway Bridge Monitoring", in The 6th Annual International Conference on Mobile Systems, Applications and Services (MobiSys).
- [6] D. W. Curtis, E. J. Pino, J. M. Bailey, E. I. Shih, J. Waterman, S. A. Vinterbo, T. O. Stair, J. V. Guttag, R. A. Greenes, and L. Ohno-Machado, "Smart—an integrated wireless system for monitoring unattended patients", Journal of the American Medical Informatics Association, 2008.
- [7] https://www.aapm.org/pubs/books/PointCounterpointCompendium.pdf
- [8] O. Chipara, C. Brooks, S. Bhattacharya, C. Lu, R. Chamberlain, G.-C. Roman, and T. C. Bailey, "Reliable real-time clinical monitoring using sensor network technology", in AMIA, 2009.
- [9] J. Ko, R. Musaloiu-Elefteri, J. H. Lim, Y. Chen, A. Terzis, T. Gao, W. Destler, and L. Selavo., "MEDiSN: medical emergency detection in sensor networks", in SenSys, 2008.
- [10] J. López Riquelme, F. Soto, J. Suardíaz, P. Sánchez, A. Iborra, and J. Vera, "Wireless sensor networks for precision horticulture in southern spain", Computers and Electronics in Agriculture, 68(1):25–35, Aug. 2009.
- [11] C. Yu, Y. Cui, L. Zhang, and S. Yang, "Zigbee wireless sensor network in environmental monitoring applications", in 2009 5th International Conference on Wireless Communications, Networking and Mobile Computing, pages 1–5. IEEE, Sept. 2009.

- [12] Andreas Terzis, Annalingam Anandarajah, Kevin Moore, Jeng Wang, "Slip Surface Localization in Wireless Sensor Networks for Landslide Prediction", in IPSN'06, April 19-21, 2006, Nashville, Tennessee, USA.
- [13] Jong-uk Lee, Jae-Eon Kim, Daeyoung Kim, and Poh Kit Chong, "RFMS: Real-time Flood Monitoring System with Wireless Sensor Networks", IEEE 5th International Conference on Mobile Adhoc and Sensor Systems, MASS 2008, 29 September 2 October 2008, Atlanta, Georgia, USA.
- [14] Manesha, V. Ramesh., "Real-Time Wireless Sensor Network for Landslide Detection. Sensor Technologies and Applications", International Conference on, vol. 0, pages 405-409, 2009.
- [15] Geoff Werner-Allen, Konrad Lorincz, Jeff Johnson, Jonathan Lees and Matt Welsh, "Fidelity and yield in a volcano monitoring sensor network", in Proceedings of the 7th USENIX Symposium on Operating Systems Design and Implementation Volume 7, OSDI '06, Berkeley, CA, USA, 2006. USENIX Association.
- [16] Kemal Akkaya and Mohamed Younis, "A survey on routing protocols for wireless sensor networks", Ad Hoc Networks, vol. 3, no. 3, pages 325 -349, 2005.
- [17] Ameer Ahmed Abbasi and Mohamed Younis, "A survey on clustering algorithms for wireless sensor networks", Computer. Communication., vol. 30, pages 2826-2841, October 2007.
- [18] Olutayo Boyinbode, Hanh Le, Audrey Mbogho, Makoto Takizawa and Ravi Poliah, "A Survey on Clustering Algorithms for Wireless Sensor Networks", in Proceedings of the 2010 13th International Conference on Network-Based Information Systems, NBIS'10, pages 358-364, Washington, DC, USA, 2010, IEEE Computer Society.
- [19] Wendi Rabiner Heinzelman, Anantha Chandrakasan and Hari Balakrishnan, "Energy-Efficient Communication Protocol for Wireless Microsensor Networks", in Proceedings of the International Conference on System Sciences-2000, pp. 3005-3014.
- [20] Ossama Younis and Sonia Fahmy, "HEED: A Hybrid, Energy- Efficient, Distributed Clustering Approach for Ad Hoc Sensor Networks", IEEE Transactions on Mobile Computing, vol. 3, pages 366-379, October 2004.
- [21] Saad Ahmed Munir, Biao Ren, Weiwei Jiao, Bin Wang, Dongliang Xie and Jian Ma, "Mobile Wireless Sensor Network: Architecture and Enabling Technologies for Ubiquitous Computing", in Proceedings of the 21st International Conference on Advanced Information Networking and Applications Workshops Volume 02, AINAW '07, pages 113-120, Washington, DC, USA, 2007. IEEE Computer Society.
- [22] Jaco M. Prinsloo, Christian L. Schulz, Derrick G. Kourie, W. H. Morkel Theunissen, Tinus Strauss, Roelf Van Den Heever and Sybrand Grobbelaar., "A service oriented

- architecture for wireless sensor and actor network applications.", in Proceedings of the 2006 Annual Research Conference of the South African institute of computer scientists and information technologists on IT research in developing countries, SAICSIT'06, pages 145-154, Republic of South Africa, 2006, South African Institute for Computer Scientists and Information Technologists.
- [23] J. Heidemann, K. Mills, S. Kumar, "Expanding Confidence in Network Simulation," IEEE Network Magazine, Vol. 15, No. 5, Apr. 2000, pp. 58-63.
- [24] S. Misra, I. Woungang & S. C. Misra, "Guide to Wireless Sensor Networks", Springer ed., 2009, pp 648.
- [25] R.K. Tripathi Y.N. Singh and N.K. Verma, Department of Electrical Engineering, Indian Institute of Technology, Kanpur, Kanpur 208 016, India, "Two-tiered wireless sensor networks base station optimal positioning case study", in IET Wirel. Sens. Syst., 2012, Vol. 2, Iss. 4, pp. 351–360, doi: 10.1049/iet-wss.2011.0152.
- [26] Degan Zhang, Member, IEEE, Guang Li, Member, IEEE, Ke Zheng, Member, IEEE, Xuechao Ming, Member, IEEE, and Zhao-Hua Pan, Member, IEEE, "An Energy-Balanced Routing Method Based on Forward-Aware Factor for Wireless Sensor Networks", IEEE Transactions On Industrial Informatics, Vol. 10, No. 1, February 2014
- [27] P. Levis, N. Lee, M. Welsh and D. Culler, "TOSSIM: Accurate and scalable simulation of entire TinyOS Applications", in Proceedings of the 1st ACM Conference on Embedded Networked Sensor Systems (SenSys), LosAngeles, CA, 2003.
- [28] P. Levis, N. Lee, M. Welsh, and D. Culler, "TOSSIM: Accurate and Scalable Simulation of Entire TinyOS Applications," SenSys'03, Los Angeles, California, November 2003.
- [29] P. Levis, N. Lee, M. Welsh, and D. Culler, "TOSSIM: Accurate and Scalable Simulation of Entire TinyOS Applications," SenSys'03, Los Angeles, California, November 2003.
- [30] M. Jevtic and N. Zogovic, "Evaluation of Wireless Sensor Network Simulators", 17th Telecommunications forum TELFOR 2009, Serbia, Belgrade, November 24-26, 2009.
- [31] C. Mallanda, A. Suri, V. Kunchakarra, SS. Iyengar, R. Kannan, A. Durresi, and S. Sastry, "Simulating Wireless Sensor Networks with OMNeT++," submitted to IEEE Transactions on Computers.
- [32] "OMNeT++ Community Site" [Online] Available at http://www.omnetpp.org/
- [33] T. Issariyakul, E. Hossain, "Introduction to Network Simulator NS2", Springer Science and Business Media, LLC ed., 2009.

- [34] K. Fall and K. Varadhan, "The ns manual", User's manual, UC Berkeley, LBL, USC/ISI, and Xerox PARC, January 2009.
- [35] D. Sumorok, D. Starobinski, and A. Trachtenberg, "Simulation of TinyOS Wireless Sensor Network Using OPNET," OPNETWORK 2004, Washington DC, August 2004.
- [36] L. Bajaj, M. Takai, R. Ahuja, K. Tang, R. Bagrodia, and M. Gerla, "GloMoSim: A Scalable Network Simulation Environment," Technical Report 990027, UCLA Computer Science Department, 1999.
- [37] A. Sobeih, W.P. Chen, J.C. Hou, L.U. Kung, N. Li, H. Lim, H.Y. Tyan, and H. Zhang, "J-Sim: A Simulation Environment for Wireless Sensor Networks," in Proceedings of the 38th Annual Simulation Symposium (ANSS'05), 2005.
- [38] C. P. Cingh, O. P. Vyas and M. K. Tiwari, "A survey of simulation in sensor networks", Intelligence for Modelling & Automation, 2008.
- [39] S. Sundresh, W. Kim, and G. Agha, "SENS: A Sensor, Environment and Network Simulator," The 37th Annual Simulation Symposium (ANSS37), Arlington, VA, April 2004.
- [40] G. Chen, J. Branch and M. Pflug, "SENSE: A sensor network simulator", Advances in pervasive computing and networking, 2004.
- [41] G. Chen, J. Branch, MJ. Pflug, L. Zhu, and BK. Szymanski, "Chapter 1 Sense: A Sensor Network Simulator," Advances in Pervasive Computing and Networking, Springer, pp. 249 267.
- [42] V. Paxon, and S. Floyd, "Why We Don't Know How To Simulate The Internet," Winter Simulation Conference, 1997.
- [43] L. Breslau, D. Estrin, K. Fall, S. Floyd, J. Heidemann, A. Helmy, P. Huang, S. McCanne, K. Varadhan, Y. Xu, and H. Yu, "Advances in Network Simulation," IEEE Computer, May 2000.
- [44] "The Network Simulator ns-2" [Online] Available at http://www.isi. edu/nsnam/ns
- [45] Fernando Rocha "Ns2 Visual Trace Analyzer Manual of ns2- Visual Trace Analyzer 0.272".
- [46] Kenan Xu, Student Member, IEEE, Hossam Hassanein, Senior Member, IEEE, Glen Takahara, Member, IEEE, and Quanhong Wang, Member, IEEE, "Relay node deployment strategy in Heterogeneous Wireless Sensor Networks", IEEE Transaction On Mobile Computing, Vol. 9, No. 2, February 2010.

- [47] ShaoJie Tang, Department of Computer Science, Illinois Institute of Technology, Chicago, IL, 60616, Xiang-Yang Li, China Institute of Computer Application Technology, Hangzhou Dianzi University, China, Jing Yuan, State Key Laboratory of Novel Software Technology, NanJing University, NanJing, China, Cheng Wang, Department of Computer Science, Tongji University, GuiHai ChenState Key Laboratory of Novel Software Technology, NanJing University, NanJing, China and Changjun Jiang, Department of Computer Science, Tongji University, "DREAM: On the Reaction Delay in Large Scale Wireless Networks with Mobile Sensors", in 18th International Workshop on Quality of Service (IWQoS), Beijing,16-18 June, 2010, published in IEEE Digital Library, ISSN:1548-615x, Page(s): 1-9.
- [48] Hujyong Yuan, Jiansheng Xie, "Node Deployment Strategy for a Mobile Sink in Wireless Sensor Networks", ISBN:978-1-61284-486, Page(s):361-364, IEEE, 2011.
- [49] S. S.Dhillon, and K.Chakrabarty, "Sensor Placement for Effective Coverage and Surveillance in Distributed Sensor Networks", in Proceedings of the IEEE Wireless Communications and Networking Conference (WCNC03), Mar. 2003.
- [50] S.Kazem Shekofteh, Department of Computer Engineering, Ferdowsi University of Mashhad, Mashhad, Irankazem, Maryam Baradaran Khalkhali Department of Computer Engineering, Islamic Azad University, Mashhad Branch, Mashhad, Iran, Mohammad Hossien Yaghmaee Department of Computer Engineering, Ferdowsi University of Mashhad, Mashhad, Iran, Hossein Deldari Department of Computer Engineering, Ferdowsi University of Mashhad, Mashhad, Iran, "Localization in Wireless Sensor Networks Using Tabu Search and Simulated Annealing", ISSN:978-1-4244-5586-7, IEEE, Vol-2, Page(s): 752-757, 2010.
- [51] Elhame zarei, Department of computer engineering Mashhad branch-Islamic Azad University, Mashhad, Iran, Sayyed Majid mazinani, Department of electrical engineering Imam Reza University Mashhad, Iran, "An Obstacle aware clustering algorithm for wireless Sensor Network", in International Symposium on Computer, Consumer and Control,2012, ISSN:978-0-7695-4655, IEEE, Page(s): 483-486, 2012.
- [52] Marc Waldmeyer, Laboratory for Computer Communications and Applications, EPFL (Switzerland), Hwee-Pink Tan, Networking Protocols Department, Institute for Infocomm Research (Singapore) and Winston K. G. Seah, School of Engineering and Computer Science, Victoria University, Wellington (New Zealand), "Multi-stage AUV-aided Localization for Underwater Wireless Sensor Networks", in 25th IEEE International Conference on Advanced Information Networking and Applications Workshops, WAINA 2011, Biopolis, Singapore, March 22-25, 2011,DOI: 10.1109/WAINA.2011.90.
- [53] A.Braman and Umapathi G.R, "A Comparative Study on Advances in LEACH Routing Protocol for Wireless Sensor Networks: A survey," International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), vol. 3, issue 2, pp. 5683-5690, February 2014.

- [54] J.Gnanambigai, Dr.N.Rengarajan, and K.Anbukkarasi, "Leach and Its Descendant Protocols: A Survey," International Journal of Communication and Computer Technologies (IJCCT), vol. 01, issue 02, no.3, pp. 15-21, September 2012.
- [55] M.Ahmad Jan and M.Khan, "A Survey of Cluster-based Hierarchical Routing Protocols," IRACST International Journal of Computer Networks and Wireless Communications (IJCNWC),vol.3, no.2, pp. 138-143, April 2013.
- [56] V.Kumar, S.Jain, and S. Tiwari, "Energy Efficient Clustering Algorithms in Wireless Sensor Networks: A Survey," International Journal of Computer Science Issues (IJCSI), vol. 8, issue 5, no. 2, pp. 259-268, September 2011.
- [57] P.Manimala and R.Senthamil selvi, "A Survey on Leach-Energy Based Routing Protocol," International Journal of Emerging Technology and Advanced Engineering (IJETAE), vol.3, issue 12, pp. 657-660, December 2013.
- [58] A.Efrat, S. Harpeled, and W.Mitchell, "Approximation Algorithms for Two Optimal Location Problems in Sensor Networks", in Proceedings of the International Conference on Broadband Communication, Networks and System, 2005., pp. 1-14.
- [59] J.Wang, P. Urriza, Y.Han, and D.Cabric, "Weighted Centroid Localization Algorithm: Theoretical Analysis and Distributed Implementation", IEEE Transactions on Wireless Communications, Vol.10, No.10, 2011, pp. 3403-3413.
- [60] K.Akkaya, and W.Youssef, "Positioning of Base Stations in Wireless Sensor Networks", IEEE Communications Magazine, April 2007, pp.96-102.
- [61] J.Pan, L.Cai, T.Hou, Y.Shi, and Shen, "Optimal Base-Station Locations in Two-Tiered Wireless Sensor Networks", IEEE Transactions on Mobile Computing, Vol.4, No.5, Sept. 2005, pp. 458-473.
- [62] S.Schuhmann, K.Herrmann, K. Rothermel , J.Blumenthal,, and D. Timmermann, "Improved Weighted Centroid Localization in Smart Ubiquitous Environments", in Proceedings of the International Conference on Ubiquitous Intelligence and Computing, 2008, pp. 20-34.
- [63] D.Vass, and A.Vidacs, "Positioning Mobile Base Station to Prolong Wireless Sensor Network Lifetime", in Proceedings of the International Conference on Emerging network experiment and technology, 2005, pp. 300-301.
- [64] Y.Chen, Q. Pan, Y. Liang, and Z.Hu, "AWCL: Adaptive Weighted Centroid Target Localization Algorithm Based on RSSI in WSN", in Proceedings of the International Conference on Computer Science and Information Technology (ICCSIT), 2010, Vol.9 pp. 331-336.

- [65] A.Bogdanov, E. Maneva, and S.Riesenfeld, "Power-aware Base Station Positioning for Sensor Networks", in Proceedings of the IEEE INFOCOM 2004, pp. 261-274.
- [66] R. Z. Li, X. L.Luo, and J. R.Lin, "Weighted Centroid Correction Localization in Cellular Systems", American Journal of Engineering and Applied Sciences, Vol.4, No.1, 2011, pp. 37-41.
- [67] J.Blumenthal, R.Grossmann, F.Golatowski, and D.Timmermann, "Weighted Centroid Localization in Zigbee-based Sensor Networks", IEEE International Symposium on Intelligent Signal Processing, 2007, pp. 1-6.
- [68] H.Xing, J.Zhou, and L.Dong, "The Study of Localization Algorithm Based on RSSI", in Proceedings of the International Conference on Information Science and Technology, Mar. 2011, pp. 766-769.
- [69] W. B. Heinzelman, A. P. Chandrakasan, and H. Balakrishnan, "An application-specific protocol architecture for wireless sensor networks", IEEE Trans. Wireless Commun., vol. 1, no. 4, pp. 660–670, Oct. 2002.
- [70] L. Karim, School of Computer Science, University of Guelph, Canada, N. Nasser, Electrical and Computer Engineering Department, College of Engineering, Alfaisal University, Saudi Arabia, "Reliable location-aware routing protocol for mobile wireless sensor network", in IET Commun., 2012, Vol. 6, Iss. 14, pp. 2149–2158.
- [71] D.G. Zhang, "A new approach and system for attentive mobile learning based on seamless migration", Appl. Intell., vol. 36, no. 1, pp. 75–89, 2012.
- [72] D. G. Zhang, "Web-based seamless migration for task-oriented nomadic service", Int. J. Distance E-Learning Technol., vol. 4, no. 3, pp. 108–115, 2006.
- [73] Q. J. Chen, S. S. Kanhere, and M. Hassan, "Analysis of per-node traffic load in multi-hop wireless sensor networks", IEEE Trans. Wireless Commun., vol. 8, no. 2, pp. 958–967, Apr. 2009.
- [74] J. Jin, "Handling inelastic traffic in wireless sensor networks", IEEE Trans. Sel. Areas Commun., vol. 28, no. 7, pp. 1105–1115, Jul.2010.
- [75] D. G. Zhang and X. J. Kang, "A novel image de-noising method based on spherical coordinates system", EURASIP J. Adv. Signal Process., vol. 1, p. 110, 2012.
- [76] X. Li and G. R. Chen, "A local-world evolving network model", Physica A, vol. 328, no. 1–2, pp. 274–286, 2003.
- [77] A. S. Ruela ., "Evolutionary design of wireless sensor networks based on complex networks[A]", in Proc. 5th Int. Conf. Intell. Sensors, Sensor Netw., Melbourne, Victoria, Australia, 2009, pp. 237–242.

- [78] J. Aweya, "Technique for differential timing transfer over packet networks", IEEE Trans. Ind. Inf., vol. 9, no. 1, pp. 325–336, Feb. 2013.
- [79] C. T. Cheng, C. K. Tse, and F. C. M. Lau, "A clustering algorithm for wireless sensor networks based on social insect colonies", IEEE Sensors J., vol. 11, no. 3, pp. 711–721, Mar. 2011.
- [80] H. B. Zhang and H. Shen, "Energy-efficient beaconless geographic routing in wireless sensor networks", IEEE Trans. Parallel Distrib. Syst., vol. 21, no. 6, pp. 881–896, Jun. 2010.
- [81] S. Vural and E. Ekici, "On multihop distances in wireless sensor networks with random node locations", IEEE Trans. Mobile Computing, vol. 9, no. 4, pp. 540–552, Apr. 2010.
- [82] F. V. C. Martins and E. G. Garrano, "A hybrid multi objective evolutionary approach for improving the performance of wireless sensor networks", IEEE Sensors J., vol. 11, no. 3, pp. 545–554, Mar. 2011.
- [83] P. Erdos and A. Renyi, "On the evolution of random graphs", Math. Inst. Hungarian Acad. Sci., vol. 5, pp. 60–67, 1960.
- [84] D. J. Watts and S. H. Strogatz, "Collective dynamics of small-world networks", Nature, vol. 393, no. 6684, pp. 440–442, 1998.
- [85] A. L. Barabasi and R. Albert, "Emergence of scaling in random networks", Science, vol. 286, no. 5439, pp. 509–512, 1999.
- [86] A. Barrat, M. Barthelemy, and A. Vespignani, "Modeling the evolution of weighted networks", Phys. Rev. E, vol. 70, no. 6, pp. 1–13, 2004.
- [87] A. Barrat ., "The architecture of complex weighted networks", PNAS, vol. 101, no. 11, pp. 3747–3752, 2004.
- [88] D. G. Zhang, "A new medium access control protocol based on perceived data reliability and spatial correlation in wireless sensor network", Computer Electr. Eng., vol. 38, no. 3, pp. 694–702, 2012.
- [89] D. G. Zhang and X. J. Kang, "A new method of non-line wavelet shrinkage denoising based on spherical coordinates", Information—Int. Interdisciplinary J., vol. 15, no. 1, pp. 141–148, 2012
- [90] Shahram Babaie, Ahmad Khadem Zade and Ali Hosseinalipour, "New clustering method to decrease probability of failure nodes and increasing the lifetime in WSNs",

- International Journal of Computer Science and Information Security (IJCSIS), Vol. 7, No. 2, 2010.
- [91] Wei Peng and David J Edwards, "K-Means Like Minimum Mean Distance Algorithm for wireless sensor networks", International Conference on Computer Engineering and Technology (ICCET), Vol.1,No.120-124, 2010.
- [92] Dragos Niculescu and Badri Nath, "Ad Hoc Positioning System (APS) Using AOA", IEEE Conference on Computer and Communication Societies, INFOCOM 2003.
- [93] Inderjit S. Dhillon, Yuqiang Guan and Brian Kulis, "Kernel kmeans, Spectral Clustering and Normalized Cuts", ACM, International Conference on knowledge discovery and data mining 2004.
- [94] Zhexi Pan, Yuanyuan Yang and Dawei Gong, "Distributed Clustering Algorithms for Lossy Wireless Sensors", 9th IEEE International Symposium on Network Computing and Applications (NCA), 2010.
- [95] K.N.Veena, B.P. Vijaya Kumar," Dynamic clustering for Wireless Sensor Networks: A Neuro-Fuzzy technique approach", International Conference on Computational Intelligence and Computing Research (ICCIC), No. 1-6, IEEE 2010.
- [96] O.Younis , M.Krunz, and S. Ramasubramanian , "Node clustering in wireless sensor networks: recent developments and deployment challenges", IEEE journals on Network, Volume: 20, Page(s): 20-25, IEEE 2006.
- [97] Gang Zhao, Liu Xiangqian and A.Kumar, "Geographic Multicast with K-Means Clustering for Wireless Sensor Networks", IEEE Conference on Vehicular Technology, on page(s): 233 237 VTC Spring 2008.
- [98] Seema Bandyopadhyay and J. Coyle Edward, "An Energy Efficient Hierarchical Clustering Algorithm for Wireless Sensor Networks", Twenty-Second Annual Joint Conference of the IEEE Computer and Communications, Vol.3, Page(s):1713 1723, IEEE INFOCOM 2003.
- [99] Kim Kihyum, Lee Honggil, Lee Byeongjik, Baek Youngmi and Han Kijun, "A Location Based Energy Efficient Intersection Routing Protocol in Mobile Sensor Networks", International Conference on Multimedia and Information Technology, IEEE.
- [100] Awwad, S.A.B., C.K.Noordin, N.K., Rasid, M.F.A, "Cluster based routing protocol for mobile nodes in wireless sensor network", Int. Symp. on Collaborative Technologies and Systems, CTS, 09, 2009, pp. 233–241.
- [101] Durresia, A. Paruchuri, V. Barolli, "Clustering protocol for sensor networks", 20th Int. Conf. on Advanced Information Networking and Applications, AINA 2006, 2006, vol. 2, p.5.

- [102] Martirosyan, A.Boukerche, A. Pazzi, R.W.N, "A taxonomy of cluster based routing protocols for wireless sensor networks", Int. Symp. on Parallel Architectures, Algorithms, and Networks, I-SPAN 2008, 2008, pp. 247–253.
- [103] J.Zheng and A.Jamalipour, "Wireless Sensor Networks: A Networking Perspective", Institute of Electrical and Electronics Engineers, 2009.
- [104] W.Heinzelman, A.Chandrakasan, and H.Balakrishnan, "Energy-efficient Routing Protocols for Wireless Microsensor Networks," in Proc. 33rd Hawaii Int. Conf. SystemSciences (HICSS), Maui, HI, Jan.2000.
- [105] J.Gnanambigai, Dr.N.Rengarajan, and K.Anbukkarasi, "Leach and Its Descendant Protocols: A Survey," International Journal of Communication and Computer Technologies (IJCCT), vol. 01, issue 02, no.3, pp. 15-21, September 2012.
- [106] Y.Lu, D.Zhang, Y.Chen, X.Liu, and P.Zong, "Improvement of LEACH in Wireless Sensor Networks based on Balanced Energy Strategy," in Proc. of the IEEE, International Conference on Information and Automation (ICIA), Shenyang, China, pp.111,115, 6-8 June,2012.
- [107] Jian-guang Jia, Zun-wen He, Jing-ming Kuang, and Cun-xiang Chen, "An Energy-efficient Adaptive Clustering Routing Algorithm for Wireless Sensor Networks," in Proc. of Cross Strait Quad-Regional Radio Science and Wireless Technology Conference (CSQRWC), 2011, vol.2, pp. 964-969, 26-30 July 2011.
- [108] A. L. Barabási, "Scale-free networks: A decade and beyond", Science, vol. 325, no. 5939, pp. 412–413, 2009.
- [109] D. G. Zhang and X. D. Zhang, "Design and implementation of embedded uninterruptible power supply system (EUPSS) for web-based mobile application", Enterprise Inf. Syst., vol. 6, no. 4, pp. 473–489, 2012.