

Recent Publications

Paramita Sarkar , Ditipriya Sinha. “Application on Pervasive Computing in Healthcare – A Review”. Indian Journal of Science and Technology, Vol 10 (3), Thomson Reuters "Web of Science". DOI: 10.17485/ijst/2017/v10i3/110619, January 2017 ISSN (Print) : 0974-6846
Application on Pervasive Computing in Healthcare–A Review P Sarkar, D Sinha Indian Journal of Science and Technology, 2017

Pijush Chakraborty, Paramita Sarkar. “An Approach to Handwriting Recognition using Back-Propagation Neural Network”, International journal of Computer Application, IJCA, Volume-68, No. - 16, 2013.P Sarkar, D Sinha WCACT, 2015

Paramita Sarkar, Ditipriya Sinha, Rituparna Chaki, “A framework for solution to Nurse Assignment Problem in healthcare with variable demand”. Accepted and Presented (in press) in 4th International Doctoral Symposium on Applied Computational and Security Systems (ACSS), Patna, 17-19 March, 2017. In series “Advances in Intelligent Systems and Computing”, Springer. “A Channel Trust Based Approach for Congestion Control in IoT”, D. Pal, M. Poddar, ICCSE2016

Paramita Sarkar, Uma Bhattacharya, Rituparna Chaki, Ditipriya Sinha. “A Priority Based Nurse Scheduling Algorithm for Continuous Remote Patient Monitoring”. Proceedings of the 4 th World Conference on Applied Sciences, Engineering and Technology, Kumamoto University, Japan, ISBN 13: 978-81-930222-1-4, pp 046-053. 24-26 October 2015.

Paramita Sarkar, Ditipriya Sinha, Rituparna Chaki, “A Priority Based Nurse Scheduling Algorithm for Continuous Remote Patient Monitoring”, Poster Paper in 2nd International Doctoral Symposium on Applied Computational and Security Systems (ACSS), Kolkata, 23-25 May, 2015.

Paramita Sarkar and Samrat Sarkar “Classification of Skin Cancer Image”, in Proceedings of International Conference on Emerging Trends in Engineering (ICETE 2010), Cafet-Innova Technical Society, pp.55,CSE,February 2010.

Debdutta Pal, “Study Of Fraud Detection Using Big Data Approach”, National Conference On Recent Innovations in Computer Science & Communication Engineering (RICCE2016)

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Nikita Agarwal,Debdutta Pal, “Review on DSDV”, FOSET,22-23RD March,2013

Sourav Mehra, Debdutta “Study of security in manet”, Pal,FOSET,22-23RD, March,2013

D. Pal, M. Poddar, “A Channel Trust Based Approach for Congestion Control in IoT”, ICCSE2016.

DebduttaBarman Roy and Rituparna Chaki “State of the Art Analysis of Network Traffic Anomaly Detection”, AIMOC, 2014

Debdutta Barman Roy and Rituparna Chaki “MCBHIDS: Modified Layered Cluster Based Algorithm for Black Hole IDS”, INDICON, 2013

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Manasi Sarkar , Debdutta Pal “Prevention of sleep deprivation attacks using Clustering" ,,ICNCS-2011 , IEEE Conference

Manasi Sarakar, Debdutta Pal “State of the art Analysis of service attacks in mobile adhoc network”, ICNCS-2011- IEEE conference

Ipsa De ,Debdutta Pal "Comparative study of attacks on AODV based mobile Adhoc Network ;International Journal of Computer Science and Engineering (IJCSSE)-2011

Sinha Maitry., Mukhopadhyaya Srabani. (2016) :Classification of Robot Swarm Models in Discrete Domain. In: Choudhary R., Mandal J., Auluck N., Nagarajaram H. (eds) Advanced Computing and Communication Technologies. Advances in Intelligent Systems and Computing, vol 452. pp. 205-212 Springer, Singapore.

Sinha Maitry., Mukhopadhyaya Srabani.: Optimal Tree Search by a Swarm of Mobile Robots. International Congress on Information and Communication Technology (ICICT) 2016 conference, Bangkok,Thailand. copyright Springer.

Suman Halder, “Fuzzy C-Means Clustering Algorithm in Pattern Classification” in the National Conference on“, Nanotechnology and its application in Quantum Computing NAQC-2008.

Books/Book Chapters

Suman Halder , Basic Computation And Principle Of Computer Programming , Narosa Publisher, 2016

Suman Halder , Debdutta Pal Data Structure and Algorithms, Narosa Publisher(communicating), 2017

Paramita Sarkar, Rituparna Chaki, Ditipriya Sinha. A Heuristic Framework for Priority Based Nurse Scheduling. Book Title “Advanced Computing and Systems for Security”. Book subtitle “Volume Three”, Part I, Volume 567 of the series Advances in Intelligent Systems and Computing pp 3-18, 10 March 2017. Springer Singapore. DOI: 10.1007/978-981-10-3409-1_1. Print ISBN: 978-981-10-3408-4

Paramita Sarkar, Ditipriya Sinha. An Approach to Continuous Pervasive Care of Remote Patients Based on Priority Based Assignment of Nurse. Book chapter in Computer Information Systems

and Industrial Management, edited by Khalid Saeed, Václav Snášel. CISIM 2014. Springer, LNCS 8838, pp 327-338.

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