

Faculty Achievement for the year 2014-15

| Department | Name of the faculty | Published book | Published paper | MDPs /Seminars / Work Shops /Corporate visit |
|------------|---------------------|----------------|--|--|
| | Mr. Samir Ghosh | | | IIT-Bombay Computer Programming Workshop (RC-1335, JIS College of Engineering) |
| CSE | Mrs. Mallika De | | <ol style="list-style-type: none"> 1. “An Effort to Compare the Clustering Technique on Different Data Set Based On Distance Measure Function in the Domain of Data Mining”, <i>International Journal of Artificial Intelligence and Knowledge Discovery</i>, Vol. 5, Issue 1, Jan, pp. 1-8, 2015 2. “Fast Parallel Algorithm for Discrete Fourier Transform in Multi-Mesh Network,” <i>Journal of Parallel and Distributed Computing and Network</i>, (Online) 1925-5543, ISSN (Print): 1925-5535, ACTA press, pp.1-14, 2014. 3. Towards Design, Analysis and Performance Enhancement of Data Warehouse by Implementation and Simulation of P2P Technology on proposed Pseudo Mesh Architecture”, <i>International Journal of Innovative Research in</i> | <p>Attended the 1st International Conference on "Emerging Trends in Computer Science and Information Technology (ETCSIT)" which was held at Kalyani Government Engineering College, Nadia, West Bengal, India during 5th to 7th January, 2015 and acted as Technical Session Chair on 6th January.</p> <p>I was also one of the members of Panel Discussion on "Engineering Education and its Future Perspective" and one of the judges in App Development Competition and Student paper Competition which was held during the Conference.</p> |

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| | | | <p>Science, Engineering and Technology (IJIRSET), e-ISSN 2319 8753, ISSN (Print), Vol. 3, Special Issue 2, February 2014, pp. 456-471.</p> <p>4. “Feed Forward Neural Network Approach for Reversible Logic Circuit Simulation in QCA”, <i>Proc. Information Systems Design and Intelligent Applications, Advances in Intelligent Systems and Computing (INDIA 2015)</i>, © Springer India 2015, DOI 10.1007/978-81-322-2250-7_7, 5th-7th January 2015, pp. 69-71.</p> <p>5. “Parallel Hadamard Transform in Multi Mesh Network”, <i>Proc. International Conference on High Performance Computing and Applications (ICHPCA 2014)</i>, 22nd- 24th Dec., Bhubaneswar, 2014, To appear in IEEE Explore.</p> <p>6. “Fan-out constrains in Quantum Dot Cellular Automata Circuit”, <i>Proc. 3rd International Conference on Nanotechnology (NANOCON 014) - Smart Materials, Composites, Applications and New Inventions</i>, 14-15th October, 2014, Pune.</p> <p>7. “Characterization of Ternary Quantum Dot Cellular Automata for III-V Materials”, published in</p> | |
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| | | | <p>National Conference on Nanoscience & Nanotechnology organized by Calcutta University held on 18th – 19th September, 2014.</p> <p>8. “A Comparative Study on Principal Component Analysis and Factor Analysis for the Formation of Association Rule in Data Mining Domain”, <i>Proceedings of the 2nd International Conference on Advances in Applied and Pure Mathematics</i>, Gdansk, Poland, ISBN: 978-960-474-380-3, pp. 442-452, May 15-17, 2014.</p> <p>9. “A soft computing approach to restore historical degraded documents: A comparative study,” INDIACom-2014, Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), 5-7th March, 2014, pp. 1122-1127, Published by IEEE Xplore in digital library.</p> <p>10. “Re-Programmable Logic Array for Logic Design and its Reliable Analysis in QCA”, <i>Conference on Emerging Trends in Computing and Communication</i> (ETCC2014), Springer LNCS proceedings, 22-23 March, 2014, pp. 341-352.</p> | |
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| | | | <p>11. "Realization of Bi-quinary Coded Decimal Adder in Quantum dot Cellular Automata", <i>Conference on Emerging Trends in Computing and Communication</i>, (ETCC2014), Springer LNCS proceedings, 22-23 March, 2014, pp. 353-361.</p> <p>12. "A New Approach for Parallel Discrete Fourier Transform in Multi Mesh Network", <i>Recent Advances in Information Technology (RAIT-2014)</i>, Springer LNCS proceedings, 13-15 March, 2014, pp. 87-94.</p> <p>13. "Online Testable Conservative Adder Design in Quantum dot Cellular Automata", <i>Conference on Emerging Trends in Computing and Communication</i> (ETCC2014), Springer LNCS proceedings, 22-23 March, 2014, pp. 385-393.</p> | |
| | Mrs. Rinku Supakar | | | 1. Workshop titled "How to Publish a Technical Paper with IEEE." |
| | Mrs. Sweta Sarkar | | 1. A Hybrid collaborative filtering approach for recommendation Problem | |

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| | | | published in International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 5, Issue 2, February2015) | |
| | Miss Pritha Ghosh | | <ol style="list-style-type: none"> 1. “A Framework of Email cleansing and Mining with case study on Image Spamming” published in IJACR Volume -4, Number-4, Issue-17, December 2014 2. A Hybrid collaborative filtering approach for recommendation Problem published in International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 5, Issue 2, February2015) | |
| | Mr. Anjan Kr. Payra | | <ol style="list-style-type: none"> 1. “Generic Approach Of Pattern Matching Of Amino Acid Sequences Using Matching Policy & Pattern Policy”, International Journal Of Computer Engineering & Technology (IJCET), ISSN 0976 – 6367(Print) ISSN 0976 – 6375(Online) | |
| | Mr. Sovan Saha | | <ol style="list-style-type: none"> 1. “Generic Approach Of Pattern Matching Of Amino Acid Sequences Using Matching Policy & Pattern Policy”, | |

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| | | | <p>International Journal Of Computer Engineering & Technology (IJ CET), ISSN 0976 – 6367(Print) ISSN 0976 – 6375(Online)</p> <p>2. “Protein Function Prediction From Protein Interaction Network Using Physico-Chemical Properties Of Amino Acids”, International Journal Of Pharmacy And Biological Sciences, e-ISSN: 2230-7605 IJPBS Volume 4, Issue 2, APR-JUN, 2014, pp 55-65.</p> <p>3. Protein Function Prediction from a Protein Interaction Network Using Neighborhood Analysis”, Cellular & Molecular Biology Letters, Springer, and DOI: 10.2478/s11658-014-0221-5 Print ISSN 1425-8153 Online ISSN 1689-1392.</p> | |
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