

NCICT-2011 Programme
Conference Venue: Silicon Institute of Technology

September 10, 2011 (Saturday)

| Time | Event | Chair | Speaker | Venue |
|--------------------------|--|--------------------|--|--|
| 08.00 - | Registration | | | 1st floor, New Building |
| 09.00 – 10.30 | Inauguration Inaugural Keynote Lecture: From Transistors to Teraflop Computing and Beyond | | Prof.L.M.Patnaik, Vice Chancellor, DIAT and Professor, Indian Institute of Science, Bangalore | 5th Floor, H#-06-52 |
| 10.30 – 11.00 | Tea Break | | | 5th Floor (Pantry) |
| 11:00 – 11:30 | Sessions-1A Invited Talk-1 Context Dependent and Assessment Centric Educational Model for Rural India (Conf. Proc. Paper no.7) | Dr.S. Dhara | Prof. B.M.Subraya , VP and Head, GEC, Infosys Limited, Mysore | 5th Floor, H#-06-52 |

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| 11:30 – 13.10 | Sessions-1A – Information System – I | Dr.S.Dhara | 5th Floor, H#-06-52 |
| | 1. Monitoring Instrumentation Events & Tracing Message route in Message Oriented Middleware (Conf. Proc. Paper no.18/ Easychair Paper no.21) | | 1.Latha Sadanandam 2.Sheetal Kale Infosys Technologies Ltd., Bangalore |
| | 2. Applying web mining for retrieval and aggregation of product sale promotions for the mutual benefit of buyers and sellers (Conf. Proc. Paper no.19/Easychair Paper no.41) | | 1.Sanjay Sugumar 2.Swati Das Education & Research, Infosys Ltd., Chennai |
| | 3. A Neurogenetic Technique for solving Classification Problem (Conf. Proc. Paper no.20/Easychair Paper no.64) | | 1.J. Dev 2. B. B. Mishra, Silicon Institute of Technology, BBSR |
| | 4. Index Prediction Using Functional Link Artificial Neural Network (Conf. Proc. Paper no.26/Easychair Paper no.65) | | 1.S. Das 2. B. B. Misra, Silicon Institute of Technology, BBSR |
| | 5. Microarray Data Expression Analysis Using Neural Network Based Clustering (Conf. Proc. Paper no.25/Easychair Paper no.66) | | 1.Medhavi Verma, 2.Vinod Kumar Meena, 3.Dharmveer Singh Rajput 4. Mahua Bhattacharya, ABV Indian Institute of Information Technology and Management, Gwalior. |

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| 11:30 – 13.10 | Sessions-1B – Computational Intelligence -I | Prof. C.S.R.Prabhu | 5th Floor, H #06-65 |
| | 1. Identifying Discourse Marker from Rhetorical Relation in Bengali Language (Conf. Proc. Paper no.8/Easychair Paper no.6) | | 1.Pinaki Sankar Chatterjee, Indian Institute of Technology, Kharagpur |
| | 2. Classification of 3D MRI using Mixture Models via Column Sampling (Conf. Proc. Paper no.9/Easychair Paper no.12) | | 1.Ashish Phophalia 2.Suman K. Mitra, Dhirubhai Ambani Institute of Information and Communication Technology |
| | 3. Permutation Flow Shop Scheduling Using Mmas (Conf. Proc. Paper no.10/Easychair Paper no.18) | | 1.Satyasundara Mahapatra 2. Rati Ranjan Dash, IISIT, Bhubaneswar |
| | 4. Metaheuristics in Computational Intelligence: A New Way for Optimization and Prediction (Conf. Proc. Paper no.11/Easychair Paper no.27) | | 1.Xin-She Yang 2. Suash Deb, University of Cambridge, Cambridge, UK |
| | 5. Linguistic Knowledge Based Supervised Keyphrase Extraction (Conf. Proc. Paper no.12/Easychair Paper no.34) | | 1.Tanmoy Pal, 2.Haider Banka, 3.Pabitra Mitra 4.Barnan Das, Indian School of Mines, Dhanbad |

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| 13.10 – 14.00 | Lunch Break | | | 5th Floor, H#-06-59 |
| 14.00 – 14.30 | Invited Talk-2 Towards an E-Governance Grid for India | Prof. Basabi Chakraborty | Prof. C.S.R. Prabhu, National Informatics Centre, Hyderabad | 5th Floor, H#-06-52 |
| 14.30 – 15.00 | Invited Talk -3 An Empirical Analysis of the Evolution of Usability Engineering & Experience Design (Conf. Proc. Paper no.2) | | Sachin Patil, Patni Computer Systems, Pune | 5th Floor, H#-06-52 |
| 15.00 – 15.25 | Tea Break----(Pantry) | | | |
| 15.00 – 17.00 | Poster Session | Prof. Priya Ranjan Mohapatra | | 5th Floor, H#-06-64 |
| 18.00 – 22.30 | Delegates are invited to attend the Foundation Day Lecture by Prof. Damodar Acharya, Director, IIT, Kharagpur, Decennial Year Function, Cultural Function and Dinner. | | | |

September 11, 2011(Sunday)

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| 08.00 - | Registration | | | 5th floor, New building |
| 09.00 – 10.00 | Keynote Address Localization in Wireless Sensor Network (Conf. Proc. Paper no.1) | Prof. Sudarshan Padhy | Prof. Arun K. Pujari, Vice-Chancellor, Sambalpur University, Sambalpur | 5th Floor, H#-06-52 |
| 10.00 – 10.20 | Tea Break---(Pantry) | | | |
| 10:20 – 10:50 | Invited Talk-4 Addressing India's Skewed Doctor-to-Patient Ratio Issue through ICT (Conf. Proc. Paper no.5) | Prof. A.K. Tripathy | Prof. Pradeep K. Sinha, Senior Director, Centre for Development of Advanced Computing, Pune | 5th Floor, H#-06-52 |
| 10:50 – 11:20 | Invited Talk-5 Soft Computing Techniques for Subjective Preference based Route Recommendation in Navigation Systems (Conf. Proc. Paper no.4) | | Prof. Basabi Chakraborty, Iwate Prefectural University, Iwate, Japan | 5th Floor, H#-06-52 |

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| <p>11:20 – 13.00</p> | <p>Sessions-2A – ICT and Applications – I</p> <ol style="list-style-type: none"> 1. Modeling a Process of Nanoparticle Preparation : A Neuro-Fuzzy Approach (Conf. Proc. Paper no.31/Easychair Paper no.15) 2. Wz-GaN Nanoscale IMPATT Diode For THz Communication (Conf. Proc. Paper no.32/Easychair Paper no.40) 3. SU vs. MU MIMO Selection for Perfect CSIT and CSI Delay Conditions (Conf. Proc. Paper no.17/Easychair Paper no.84) 4. Isolated Oriya Digit Recognition Using DTW In Oriya Speech (Conf. Proc. Paper no.34/Easychair Paper no.37) | <p>Prof. P.Kabisatpathy</p> | <p>1.Sankar Karan, 2.D. Dutta Majumder, 3.A. Goswami, Institute of Radiophysics and Electronics, Kolkata</p> <p>1.P. R. Tripathy, 2.Moumita Mukherjee 3.S. P. Pati, Purushottam Institute of Engineering & Technology, Rourkela</p> <p>1.Mrutunjaya Panda 2.Santosh Acharya National Institute of Science and Technology, Berhampur</p> <p>1.Sanghamitra Mohanty 2. Basanta Kumar Swain, Utkal University, Bhubaneswar</p> | <p>5th Floor, H#-06-52</p> |
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| <p>11:20 – 13.00</p> | <p>Sessions-2B – Information System – II</p> <ol style="list-style-type: none"> 1. Mining Fuzzy Rules for Pattern Classification in Multiobjective Fra (Conf. Proc. Paper no.21/Easychair Paper no.67) 2. Optimal Feature Selection and Penalty for Design of Intrusion Detection System using Genetic Algorithm (Conf. Proc. Paper no.22/Easychair Paper no.69) 3. KPSO: An Evolutionary Approach for Data Clustering (Conf. Proc. Paper no.23/Easychair Paper no.71) 4. Comparative Analysis of GA and Modified Greedy Algorithms for Test Suite Minimization (Conf. Proc. Paper no.27/Easychair Paper no.80) | <p>Dr. Gagan Rath</p> | <p>1.M.G. Sahu 2.B.B.Mishra, Silicon Institute of Technology, Bhubaneswar</p> <p>1.S. Mishra, 2.M. Dalai, 3.P. K. Meher, 4.G. S. Barla 5.B. B. Misra, Silicon Institute of Technollgy, BBSR</p> <p>1.S. Sahoo, 2.Ch. D. P. Dash, 3.S. K. Patnaik 4. B. B. Misra, C. V. Raman College of Engineering,BBSR</p> <p>1.Ajit Kumar Nayak, Institute of Technical Education & Research, Bhubaneswar</p> | <p>5th Floor, H #06-65</p> |
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| 13.10 – 14.00 | Lunch Break | | | 5th Floor, H#-06-52 |
| 14.00 – 14.30 | Sessions-3A Invited Talk – | Prof. Saroj K. Mishra | Prof. Sudarshan Padhy | 5th Floor, H#-06-52 |
| 14.30 – 15.30 | <p style="text-align: center;">Session 3A – Information System and Computational Intelligence –II</p> <ol style="list-style-type: none"> 1. Feature Subset Selection Using Particle Swarm Optimization and Neural Network with Structural Learning (Conf. Proc. Paper no24./Easychair Paper no.77) 2. A Knowledge Sharing Virtual Community for Different Raga Identification of Indian Classical Music (Conf. Proc. Paper no.13/Easychair Paper no.42) 3. Simultaneous Learning for both Clustering and Classification in Multi-objective Framework (Conf. Proc. Paper no.14/Easychair Paper no.49) | Prof. Saroj K. Mishra | <p>1.Basabi Chakraborty, Iwate Prefectural University, Iwata, Japan</p> <p>1.Sayanti Chakraborty, 2.Debashis De, 3.Kaushik Roy, West Bengal University of Technology, Kolkata</p> <p>1.B. B. Mishra, 2.S.K Patnaik 3.P. Mohanty Silicon Institute of Technology, Bhubaneswar</p> | 5th Floor, H#-06-52 |

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| <p>14.30 – 15.50</p> | <p>Session 3B – – ICT and Applications - II</p> <ol style="list-style-type: none"> 1. E-Governance Approach for providing reliable, timely and credible data/ statistics to policy makers in Economical and Statistical Organization (Conf. Proc. Paper no.35/Easychair Paper no.46) 2. The Role of Universities as Green Agents: Achieving Sustainable Development (Conf. Proc. Paper no36./Easychair Paper no.51) 3. Designing an efficient Spelling-Checker for Oriya (Conf. Proc. Paper no.37/Easychair Paper no.81) 4. Trends in the 21st Century Computing in Science and Engineering: Modelling, Simulation and Beyond (Conf. Proc. Paper no.38/Easychair Paper no.82) | <p>Prof. Ajit K. Nayak</p> | <ol style="list-style-type: none"> 1.Preeti Abrol, 2.Mrunalini Nandanwar 3.Deepak Goyal, <p>Centre for Development of Advanced Computing (C-DAC), Mohali</p> <ol style="list-style-type: none"> 1.Sushri Samita Rout, <p>Silicon Institute of Technology, Bhubaneswar</p> <ol style="list-style-type: none"> 1.Hari Hara Padhy <p>Utkal University, Bhubaneswar</p> <ol style="list-style-type: none"> 1.S. Pattnaik, 2.K. K. Chand, 3.M. C. Adhikary, <p>PXE, Chandipur, Balasore</p> | <p>5th Floor, H #06-65</p> |
| <p>15.50 – 16.05</p> | <p>Tea Break—(Pantry)</p> | | | |

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| 16.05 – 16.35 | Sessions-4A Invited Talk – III-V Nitride Nanostructures: Nanoelectronics (Conf. Proc. Paper no.6) | Prof. Bijan Bihari Mishra | S. Dhara, Indira Gandhi Centre for Atomic Research, Kalpakkam | 5th Floor, H#-06-52 |
| 16.35 – 17.35 | Session 4A – Information Network 1. Performance Improvement using Native SQL Stored Procedures in DB2 on z/OS across a distributed environment (Conf. Proc. Paper no.15/Easychair Paper no.23) 2. Simulation and Analysis of DSDV and AODV for Mobile Ad Hoc Network(MANET) Using NS-2 (Conf. Proc. Paper no.16/Easychair Paper no.52) | Prof. Bijan Bihari Mishra | 1.Thanuja G Rao 2. Monideepa Debnath, Infosys Technologies Ltd., Mangalore 1.Rabindra Kumar Dalei, Silicon Institute of Technology, Bhubaneswar | 5th Floor, H#-06-52 |

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| <p>16.35 – 17.35</p> | <p>Session 4B – ICT for Bioengineering</p> <ol style="list-style-type: none"> 1. Establishing Phylogeny and Homology Modelling of Aquaporin Family (Conf. Proc. Paper no.28/Easychair Paper no.9) 2. Predicting an Ayurvedic drug effective in addressing more than one factors contributing towards Atherosclerosis (Conf. Proc. Paper no.29/Easychair Paper no.10) 3. Mining Triclusters in Microarray data (Conf. Proc. Paper no.30/Easychair Paper no.63) | <p>Prof. R.N. Pal</p> | <ol style="list-style-type: none"> 1.Preenon Bagchi, 2.K. Mohana Devi, 3.Somashekhar R, 4.Vinobha CS, 5. Ajit Kar <p>SRM University, Kattankulathur</p> <ol style="list-style-type: none"> 1.Preenon Bagchi, 2.Sayeeda Mussavira, 3.Vinobha CS <p>SRM University, Kattankulathur</p> <ol style="list-style-type: none"> 1.D. Pradhan 2. B. B. Misra <p>Silicon Institute of Technology, Bhubaneswar</p> | <p>5th Floor, H #06-65</p> |
| <p>17.45 – 19.15</p> | <p align="center">Valedictory Function & High Tea</p> | | | |

Control Room: - R# 06-65, 5th floor, new building