

2011 IACSIT NEW DELHI CONFERENCES SCHEDULE

**2011 International Conference on Control, Robotics and Cybernetics
(ICCRC 2011)**

**2011 International Conference on Mechanical and Aerospace Engineering
(CMAE 2011)**

**2011 International Conference on Network Communication and Computer
(ICNCC 2011)**

SRM University (NCR campus, Modinagar)

**New Delhi, India
March 21 - 23, 2011**

Co-Sponsored by



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March 21, 2011 (Monday)**Location: Main Lobby of University**

10: 00 – 12: 30	Arrival and Registration
13: 30 - 17: 00	

Note: (1) You can also register at any time during the conference.

(2) Certificate of Participation can be collected at the registration counter.

(3) The organizer won't provide accommodation, and we suggest you make an early reservation.

(4) The registration venue--SRM University (NCR campus, Modinagar) Reception area

(5) Main Conference at: (700 Capacity AC) SRM University (NCR campus)-- Main Auditorium

(6) Coffee break & Lunch at: Dining place Near Main Auditorium

Morning, March 22, 2011 (Tuesday)**Venue: Main Auditorium (First floor)**

8: 45 - 09: 00	Opening Remarks
9: 00 - 9: 40	Plenary Speech 1 Prof. Wang Jun, Professor, Department of Mechanical and Automation Engineering The Chinese University of Hong Kong, Hong Kong
09:40 - 10:20	Plenary Speech 2 Prof. R. S. Gupta Department of Electronics, University of Delhi, India
10:20- 10: 40	Coffee Break cum Breakfast
10:40 - 11:20	Plenary Speech 3 Prof. Yogesh Chaba Ex-Chairman, Department of Computer Science & Engineering, Jambheshwar University of Science and Technology
11:20-12:00	Plenary Speech 4 Prof. Manoj K Pandey Department of Electronics and Comm Engg. SRM University, India

12: 00 - 13: 30	Taking Photos & Lunch Break
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Afternoon, March 22, 2011 (Tuesday)**Venue: Main Auditorium (First Floor)**

SESSION – ICCRC-01 (15)

Session Chair:

Time: 13:30 – 15:30

R049	Motion Generation by Integration of Multiple Observation Spaces for Robots with Limited Range of Observation Eisuke KURITA, Yuichi KOBAYASHI and Manabu GOUKO
R073	Division of Iterative-transportation Based on State Estimation Using Local Observation Yuta SATO, Yuichi KOBAYASHI and Manabu GOUKO
R038	Power Quality Events Classification using MWT and MLP Manish Kumar Saini and Rajiv Kapoor
R039	PQ Event Classification using Fuzzy Classifier Manish Kumar Saini, Rajiv Kapoor and Bharat Bhushan Sharma
R041	Rule Generation for Recruitment Decision Analysis-A Granular Approach Suvabrata Sarkar and Haider Banka
R067	Image Processing of Ultrasound Color Doppler to Characterize Malignant Breast Lesion

	Subarna Chatterjee, Rezaul Karim, Rezaul Karim and Ajoy Kumar Ray
R083	PARETO OPTIMAL ROBUST DESIGN OF FUZZY FRACTIONAL-ORDER PID CONTROLLERS Nader Nariman-zadeh and Amir Hajiloo
R195	An Algorithm to Determine Placement Sequence in Robotic Pallet Pattern Formation Hussain Ali Khan, Syed Hasan Masood and Adrian Giecco
R20018	Study of Shunt FACTS-Based Controllers Effectiveness on Multi Machine Power System Steady State Operation Laxmidhar Sahu, Jose. P. Therattil and P.C.Panda
R20002	Suppression Vibration Adaptive Inverse Dynamics Control of Flexible Plate with Piezoelectric Layers Mohammad Azadi, Mehdi Roopaei, Mohammad Eghtesad and S. Ahmad Fazelzadeh
R20096	Performance Evaluation of Classifiers Applying Directional Features for Devnagri Numeral Recognition Pratibha Sing, Ajay Verma and Narendra S. Chaudhari
R20118	Comparison of Color, Texture and ICM Features in CBIR System Sonali Bhadoria, Meenakshi Madugunki, Dr. C.G.Dethe and Preeti Aggarwal
R016	Enhanced Expression of Gene Data Mrs. Rashmi G.Dukhi
R025	6 Dot Braille Script based adapted Computer Keyboard for Visually Impaired P. Abhishek and R. Balaji
R026	Obstacle Avoidance and Navigation of Autonomous Mobile Robot Rekha Raja, S N. Shome, S. Nandy and R. Ray

15: 30 - 15: 40	Coffee Break
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Afternoon, March 22, 2011 (Tuesday)

Venue: Main Auditorium (First Floor)

SESSION – ICCRC-02 (16)

Session Chair:

Time: 15:40 – 18:30

R042	Two-Degree-of-Freedom Helicopter Closed-loop Identification through a Cascade Controller Pouya Ghalei, Alireza Fatehi and Mohamadreza Arvan
R044	State based Functional Observer Design for Linear Uncertain Systems Using Multirate Output Sampling S Janardhanan and N Satyanarayana
R047	Robust Feedback Linearization Approach to Pitch Autopilot Design Ashwini A. Godbole and S. E. Talole
R048	A New Approach on Stabilization Control of an Inverted Pendulum, Using PID Controller Kaveh Razzaghi and Ali Akbar Jalali
R051	A Constructive Algorithm with Adaptive Sigmoidal Function for Designing Single Hidden Layer Feedforward Neural Network Sudhir Kumar Sharma and Pravin Chandra
R052	A Practical Approach to FM2 Motion Planner Ander Ansuategui, Loreto Susperregi, Elena Lazkano and Basilio Sierra
R054	Developing Applications On-Board of Robots with becerik Bora İ. Kumova and Savaş Takan
R055	Automatic Language-Independent Indexing of Documents using Image Processing Aishanou Osha Rait and K S Venkatesh
R056	Multirate Output Feedback based Optimal Filtering and Control for Discrete-time LTI Systems

	S. Janardhanan
R057	Design of an Accelerometer-controlled Myoelectric Human Computer Interface Anusha Lalitha and Nitish V. Thakor
R10026	Utilizing an Adaptive Controller (Azadi Controller) for Trajectory Planning of PUMA 560 Robot Sassan Azadi
R10030	Simulation and Analysis of Nonlinear System Identification using the LMS Volterra Filter Amrita RAI and Dr. A.K. KOHLI
R10034	Idea Generation Algorithm Based Systems Usha A. Jogalekar and Akhil Mangla
R10039	Techniques for Refreshing Images in Web Documents Divya Ragatha Venkata, Deepika Kulshreshtha and Divakar Yadav
R10040	Robot Dancing: What Makes a Dance? Ibrahim S. Tholley, Dr. Qinggang Meng and Prof. Paul W. H. Chung
R10043	Application of Artificial Neural Network in the Modeling of Skidding Time Prediction Ramin. Naghdi, Assistant professor, Ismaeil. Ghajar and Ph.D Candidate

Afternoon, March 22, 2011 (Tuesday)
Venue: Conference Hall 2 (Second Floor)

SESSION – CMAE-01 (15)

Session Chair:

Time: 13:30 – 15:30

E013	Trajectory Optimization for Hypersonic Vehicle Satisfying Maneuvering Penetration Kenan Zhang and Wanchun Chen
E032	A New Angular Acceleration Guidance Law with Estimation Approach based on Sliding Mode Observer against High Maneuvering Target Yuanyun Song, Wanchun Chen and Xingliang Yin
E037	Design and Manufacturing of Sun Motion Simulator Applied to Satellites Attitude Determination Farnaz Kermanshahi, Mohammad Hossein Mohajerani, Mohammad Hossein Babini and Mehdi Mortazavi
E067	Simulation of Solid Particles in Combined Conduction, Convection and Radiation Gas Flow over a Backward-Facing Step in a Duct Vahid Golkarfard, Seyyed Abdolreza Gandjalikhan Nassab and Amir Babak Ansari
E039	Effects of Injection Initial Conditions and Length-to-Diameter Ratio on Fuel Propulsive Droplets Sizing in a Duct Mohammad Mahdi Doustdar, Mohammad Mojtahedpoor and Mohammad Wadizadeh
E069	Effect of Building Height on Energy Consumption of Radiator and Floor Heating Systems Vahid Golkarfard, Pouyan Talebizadeh and Mazyar Salmanzadeh
E044	Fabrication and Thermo-Mechanical Analysis of Pure Silver- electrode Ionic Polymer-Metal Composite (IPMC) Actuator Dillip Kumar Biswal, Dibakar Bandopadhyaya and Santosha Kumar Dwivedy
E088	Spacecraft Adaptive Sliding Mode Attitude Tracking Control using DGCMG Wang Lei, Zhao Yushan and Shi Peng
E155	Gear fault Identification using Artificial Neural Network and Adaptive Neuro-Fuzzy Inference System Ali Soleimani
E158	Large deflection of functionally graded beam with geometric nonlinearity Ali Soleimani
E10033	Extent of three parameter zone and optimum strain gage location for eccentric cracked

	configurations Hrushikesh Sarangi, K.S.R.K.Murthy and Debabrata Chakraborty
E10017	Hygrothermal Buckling Response of Laminated Composite Plates with Random Material Properties: Micro-Mechanical Model Rajesh Kumar and Dharamveer Singh
E10019	Analysis of Different Approaches For Gun Ammunition To Hit Aerial Target Anita Shakarwal, Anil Kumar and Sunil Uniyal.
E10020	TURBULENCE PATTERN IN TRIANGULAR CYLINDER PARTHIBAN.V and ASHWIN RUSSELLE
E10022	An Improved Evolutionary Structural Optimization Method for Continuum Structures of Elastic and Elasto-Plastic Bodies M.H. Abolbashari and M. Khajooei-Gharaei

15: 30 – 15: 40	Coffee Break
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Afternoon, March 22, 2011 (Tuesday)
Venue: Conference Hall 2 (Second Floor)

SESSION – CMAE – 02(16)

Session Chair:

Time: 15:40 – 18:30

E009	Forced Vibration Behavior of Adhesively Bonded Single-lap Joint Xiaocong He
E020	Prediction of Laminar to Turbulent Flow over a Sweptback Wing Mr.Sakthivel Arumugam and Mr.Shanmugasundaram Durairaj
E021	Investigation of Nonlinear Acoustic Effects in Two-dimensional Open Cavity Flow Mohammad Ebrahimi
E022	A Study on a Reconstructed Anterior Cruciate Ligament Markos Petousis, Achilles Vairis, Betina Kandyla, George Stefanoudakis and Nektarios Vidakis
E023	The Mechanical Strength of Granular Sulphur and Its Relation to Size Distribution and Storage Silo Clogging R. Moradifar, A. Rahi, M.H. Kadivar, F. Eslami and S. Salimi
E024	Unsteady Compressible Flow over Heaving Bodies Using an Implicit RANS Solver K. Siva Kumar and Sharanappa V. Sajjan
E030	Unsteady Flow past a Combined Pitching and Plunging Aerofoil using an Implicit RANS Solver K. Siva Kumar and Sharanappa V. Sajjan
E025	Development of Object-Oriented Direct Simulation Monte Carlo Code for Modeling of Rarefied Flow around Geometries of Arbitrary Shapes Sourabh Jain and Prabhu Ramachandran
E026	Comparative Evaluation of Mode Combination Methods in Seismic Analysis using Response Spectrum Method for Tank Structure using FEA--Seismic FEA Sujay Shelke, H.V.Vankudre and Vinay Patil
E033	Contribution to Rolling Bearing Reliability Modeling Zdenek Vitr and Michal Vitr
E034	Warranty Costs Assessment for Automotive Applications Zdenek Vitr and Michal Vitr
E038	A Tool for Decision Making in k-out-of-n System Maintenance Zdenek Vitr and David Valis
E10031	Multi-objective optimization of die-sinking electric discharge machining Pushpendra S. Bharti, S. Maheshwari and C. Sharma

E10035	Comparative Dynamic Response of a Optimized Single Link Flexible Manipulator S. Mahto and U.S. Dixit
E10038	Performance Evaluation of Thermal Interface Material for Space Applications Jigar Gandhi and A V Pathak
E10042	EXPERIMENTAL INVESTIGATION AND COMPUTATIONAL FLUID DYNAMICS ANALYSIS OF MISSILE WITH GRID FIN IN SUBSONIC FLOW K.Mohamed Bak and K.Padmanaban

Afternoon, March 22, 2011 (Tuesday)
Venue: Conference Hall 4 (Second Floor)
SESSION – ICNCC-01 (16)
Session Chair: **Prof. Yogesh Chaba**
Time: 13:30 – 15:30

N0001	Protocol Implementation Of The Mobile Ad hoc Network Rajendra Prasad Mahapatra
N0002	Semiconductor Die: Processing and Packaging Satya Sai Srikant and Rajendra Prasad Mahapatra
N0003	A Fuzzy Clustering Based Approach for Finding Fault Prone Modules in Open Source Software Systems Parvinder S. Sandhu, Mani Mehta and Mandeep Singh
N0004	Evaluation of Growing Neural Gas Approach for Identification of Procedure Based Reusable Software Modules Parvinder S. Sandhu, ShwetaSood and Deepak Prashar
N031	Effect of Splitting Factor on Multicast Trees in Optical Networks Shadi Jawhar, Bernard Cousin, Samer Lahoud
N149	Cyber Crimes: Lessons From The Legal Position Of Malaysia And Iran Dr. Nazura Abdul Manap and Hossein Taji
N158	Cyber Terrorism: Issues in Its Interpretation and Enforcement Dr. Nazura Abdul Manap and Pardis Moslemzadeh Tehrani
N160	Is Database Protected Under Copyright? A Legal Analysis Nazura Abdul Manap, Safinaz Mohd Hussein and Mahmud Zuhdi Mohd Nor
N20134	Overview and Analysis of Methodology to Improve Performance of RTOS Prakash S. Prasad
N140	Key Approaches to Integrate and Transform Legacy Applications into Services in Service Oriented Architecture Anjani Kumar Pandey and Pragya Pandey
N141	Analysis of Interference-Aware Topology Design for Wireless Mesh Network Vinay S Kapse and Ms. U. N. Shrawanakar
N148	DATA MINING: A NOVEL APPROACH FOR INTRUSION DETECTION IN ADHOC NETWORKS Ms. Preetee K. Karmore and Ms. Smita M. Nirkhi
N10002	Rare Event Estimation in a Tandem Jackson Network Behroz Safaie and Amin Einipour
N10006	Cloud Computing: Future Generation Computing Systems as the 5th Utility Alok Kumar and Atul Kumar
N10030	A Naval Hybrid approach for High-Speed Floating Point Processor Design P.Rajasekharbabu, Dr.K.S.Rao and K.Padma Raju
N10034	BEST PERFORMANCE PRACTICES IN PROJECT MANAGEMENT OF SAP ERP ACCOMPLISHMENT Dr. Durga Prasad Sharma and Arvind Kumar Sharma

15: 30 – 15: 40

Coffee Break

Afternoon, March 22, 2011 (Tuesday)
Venue: Conference Hall 4 (Second Floor)

SESSION – ICNCC-02 (16)

Session Chair:

Time: 15:40 – 18:30

N006	The Performance Analysis of Fast DCT Algorithms on Parallel Cluster Architecture Atri Sanyal and Swapan K Samaddar
N021	XRecursive, An Efficient Relational Method to Store XML Data M.A. Ibrahim Fakharaldien, K.F.Rabbi, Jasni Mohamed Zain and Norrozila Sulaiman
N024	IMPLEMENTATION OF MULTIPLAYER BLUETOOTH MEMORY GAME FOR MOBILE PHONES Ms. Sukhwant Kaur, Mr. Anand P, Swapnil A, Rakesh P. and Eram F.
N025	Implementation Issues for Developing Credit Card Software for Mobile Phones Ms. Sukhwant Kaur, Mritunjay Ojha, Vidhya Iyer, Snehal Lachore and Sadhana Chavan
N030	QoS Analysis of GSM System: Performance Enhancement and Optimization Apurba Saha, Nazmus Saquib, Sabbir Rahman Sakib and Afsana Alam
N032	ETSHRA: Energy Efficient Threshold Sensitive Hierarchical Routing Algorithm for Cognitive Wireless Sensor Network Shahansha Quadri and Dr. G. Rama Murthy
N036	A Novel Symmetrical Heuristic Coefficient for Urban Microcellular Environments Sanjay Soni, Puspraj Singh Chauhan and Amitabha Bhattacharya
N038	Ideal Server Protection and Security Scheme for Conventional Organization Desai Karan Ronak and M.Sudha
N047	Design and Simulation of Miniaturized Multiband Fractal Antennas for Microwave Applications S.Suganthi, S.Raghavan and D.Kumar
N10036	Textual Encryption using Conventional Encryption Algorithm V.Sudheer Raja, M. Shasidhar, B. Vijay Kumar and D.V Krishna Reddy
N10044	Performance Comparison of DSR, OLSR and FSR Routing Protocols in MANET using Random Waypoint Mobility Model Ashish K. Maurya, Dinesh Singh and Anil K. Sarje
N10046	Dynamic Threshold SRAM Cell Design on 90nm CMOS Technology with Sleep Transistor for Low Leakage Kashif Mohammad, Shyam Babu and Chhavi Saxena
N10052	A Novel Secure Keying Technique for the Wireless Sensor Networks Kalpana Sharma and M.K. Ghose
N10055	Health KIOSK Piyush Goel, Dr.Jaswant Singh and Sanjay Bansal
N20001	Routing Protocol Selection using AHP for WSN Vishruti Desai, Pamukumar Swamy and Dr.B.B.Meshram
N20037	Grids based Cooperative Caching in Wireless Sensor Networks Sudhanshu Pant, Naveen Chauhan and Brij Bihari Dubey

Afternoon, March 22, 2011 (Tuesday)

Venue: Conference Hall 1 (First Floor)

SESSION – ICCRC-03 (16)

Session Chair:
Time: 13:30 – 15:30

R131	Genetic Algorithm Based Optimization of Controller Parameters for an Electromagnetic Levitation System Rupam Bhaduri, Subrata Banerjee and Mrinal Kanti Sarkar
R20032	An Auto-tuning PID Controller for Integrating Plus Dead-time Processes C. Dey, R. K. Mudi and D. Simhachalam
R20043	Rule Extraction through Self-Organizing Map for a Self-tuning fuzzy logic controller A.K.Pal , R.K.Mudi and C.Dey
R037	Tracking a Chaotic System Using an Observer-based Nonlinear State-feedback Controller Tanushree Roy and Aparajita Sengupta
R133	Content Based Image Retrieval Based on Log Gabor Wavelet Transform Megha Agarwal and R. P. Maheshwari
R10015	Generalization Backstepping Method Based on Stabilization of Parameters Perturbation Lu Chaos using Adaptive Neuro-Fuzzy Inference System Ali Reza Sahab and JIBIN GEORGE
R10023	An Advanced Security and Data Integrity Protocol for Vehicular Ad-Hoc Networks Mohd.Umar Farooq, Mohammad Pasha, Dr. Khaleel Ur Rahman Khan and Mahboob ul Haq Atif
R058	Computationally Efficient Functional Observer LTI System based on a Multirate Output Sampling Algorithm S Janardhanan and Saurabh Inamdar
R059	LEKHOK: Text Writing Mechanism for HOAP-2 Upasna Singh, Om Prakash Pal, Saurabh Khatri and G C Nandi
R061	Adaptive Line Extraction for Slam Line Based Applications In Unknown Environments Seyed Mohammad Mavaei, Amin ebrahimian and Hossein sadeghi
R064	Lampposts as Landmarks for Simultaneous Localization and Mapping Musfira Jilani and Pdraig Corcoran, Peter Mooney
R066	Algorithm for Threat Area Avoidance in Military Unmanned Ground Vehicles Rammooorthy. D, Radhakrishnan.K.K and Swarna Ramesh
R068	Myriad- a Novel User Feedback Based Metasearch Engine Rashid Ali, Anjali Saxena, Richa Gupta and M. M. Sufyan Beg
R069	A Comparative Study of Different Relevant Features Hybrid Neural Networks Based Intrusion Detection Systems Rashid Ali and Supriya Kamthania
R20016	“HMM Based Enhanced Security System for ATM Payments” Vivek V Jog, M.J.Chouhan and Akhil Mangla
R20022	A Novel Approach for the Early Detection and Identification of Botnets S. Benson Edwin Raj and Shalini R.
R20026	A Novel Flow Meter Selection Method Based on Fuzzy Multiple Criteria Decision-Making M.M.Zaloi, M.A.Sadrnia and M.M.Fateh

15: 30 – 15: 40

Coffee Break

Afternoon, March 22, 2011 (Tuesday)
Venu: Conference Hall 5 (Second Floor)

SESSION – ICNCC-03 (16)

Session Chair:
Time: 15:40 – 18:30

N049	Throughput Modeling Framework For Multicast Network with Layered Security
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	Ratnesh Kumbhkar, Animesh Biswas, Swadhin Mishra and Baswaraj Patil
N050	An Improvement on TCP Congestion Control Protocol for Next Generation Networks Nazbanoo Farzaneh, Reza Monsefi, Mohammad Hossein Yaghmaee and Amir Hossein Mohajerzadeh
N052	A QoS Framework for Next Generation Networks based on Metro Ethernet Elyas Mohamadzadeh Kosari, Reza Monsefi, Maryam Taheri Tehranian, Edris Shahany and Mohammad Hossein Yaghmaee Moghaddam
N056	A Genetic Algorithm-Based Approach for Energy- Efficient Clustering of Wireless Sensor Networks Afsane Zahmatkesh and Mohammad H. Yaghmaee
N055	Tackling Spoofing Attacks using Broadband Access Concentrators Bharat Joshi, D T V Ramakrishna Rao and Pavan Kurapati
N058	Web Graph Based Ranking Algorithm for Search Engines Gaurav Agarwal, Sachi Gupta, Praful Saxena and Saurabh Mukherjee
N059	A Survey on Dynamic Honey pots Hamid Mohammadzadeh E. N., Omar Zakaria and Roza Honarbakhsh
N061	Downlink-/Uplink-MAP Generation Computing Load Reduction at Base Station using Distributed Scheduling in IEEE 802.16j O.P. Meena and Y.N. Singh
N064	Software Tokens Based Two Factor Authentication Scheme Manav Singhal and Shashikala Tapaswi
N20039	Algorithm to enhance Dynamic Spectrum Management Using Cognitive Radio Ankit Vardhan, Rajan Naware and Pratik Jangale
N20041	Global Mobility: The Key Enabler for Next Generation Networks (NGN) Mani Shekhar, Krishan Kumar and Sandeep Kumar
N20042	A Fast Encrypting Algorithm Ritu Agarwal, Dhiraj Dafouti, Vishal Bhargava, Nikhil Maheshwari and Shobha Tyagi
N20043	A Survey on IEEE 802.16: Security Threats & Solutions Ms. Pranita K. Gandhewar and Prof. Kapil N. Hande
N20045	Intelligent Senses In Robot based on Neural Networks Sourabh Sharma, Rashmi Sharma, Priti Dhingra, Vimal Ganotra and Navin Kumar
N20051	An Efficient Route Discovery in Manets with Improved Route Lifetime S. Priyadsrini, T.M. Navamani, P.Yogesh and Venkatesh Mahadevan
N20070	Customer Relationship Management Using Data Mining with Special Reference to Selected Super Bazaar in South-Western Maharashtra Dr.S.D.Mundhe and Nilam Khamkar

Morning, March 23, 2010 (Wednesday)

Main Auditorium (First Floor)

SESSION – ICCRC-04 (16)

Session Chair:

Time: 8:45 – 10:30

R071	Improving Robot-Human Communication by Integrating Visual Attention and Auditory Localization using a Biologically Inspired Model of Superior Colliculus Kiran Kumar Ravulakollu, Dr. Harry Erwin and Dr. Kevin Burn
R075	Performance Comparison Between Orthogonal, Bi-Orthogonal and Semi-Orthogonal Wavelets Manish Kumar Saini, Rajiv Kapoor, Ajai Kumar Singh and Manisha
R076	Smooth and Safe Nearness-Diagram (SSND) Navigation for Autonomous Mobile Robots Muhannad Mujahed and Hussein Jaddu
R079	REHAB ASSISTANCE FOR DIABETIC NEUROPATHY PATIENTS

	A.N.Nithyaa and R.Prem Kumar
R084	A Survey Paper on: Fuzzy Mathematical Morphology Techniques for Digital Image Processing Gargi Aggarwal and Vijyant Agarwal
R085	Towards Dynamics and Control of an Arm-Wheel based Autonomous Stair Climbing Robotic Vehicle R. Ray, S. Nandy, S N. Shome and S. Bhaumik
R094	Neural Network Approach to Robot Motion Control Vijayant Agarwal and Rhythm Suren Wadhwa
R100	A Robust Image Steganography Technique Using Dynamic Embedding With Two Least Significant Bits Gandharba Swain and Saroj Kumar Lenka
R20035	A Critical and Optimal Location for an Autonomous Security Robot in Niger Delta, Nigeria Paul Moses Udofia
R20041	Comparative Study Topology Based Routing Protocol in Mobile Ad Hoc Network; Review Rakesh Rathi, Mukesh Singh and Rajeev Kumar
R20044	Fluid Flow and Random Walk Mobility Model for Wireless Mobile Network Research: A review Nitul Dutta and Iti Saha Misra
R20046	Automation Of Bolt Galvanizing Plant using PLC Abhijit Mukherjee, Anirban Roy, Jyotirmoy Biswas and Someswar Dhabal
R20050	Wind Energy Generation Interfaced System with Power Quality and Grid Support Sharad W. Mohod, Sudesh M. Hatwar and Mohan V. Aware
R20055	A UWB CMOS Transceiver Shilpa Mehta
R20077	BER Performance Improvement in Coded-OFDM Systems using Equalization Algorithms Bhasker Gupta and Davinder S. Saini
R20079	Human Batteries Controlled by Nanobots Incorporating the Mems Technique V.ASHOK KUMAR, S.JASPER NIRMAL KUMAR, S.DHEEPAK and T.VENKATESAN

10: 30 – 10: 50

Coffee Break

Morning, March 23, 2010 (Wednesday)**Main Auditorium (First Floor)**

SESSION – ICCRC-05 (16)

Session Chair:

Time: 10:50-12:20

R101	A Dynamic Approach to Image Steganography Using the Three Least Significant Bits and Extended Hill Cipher Gandharba Swain and Saroj Kumar Lenka
R102	Automated Motorized Line of Sight Control of Antennas to Obtain Maximum Signal Strength. Hassan Muse Warsame
R106	A Robust Maze Solving Algorithm for a Micromouse Robot Arun Bansal and Sunil Agrawal
R107	ST-Gait: A Framework for Human Identification using Structural and Transitional Characteristics of Gait Anand Gupta and Pragya Goel
R110	Recognizing Gestures for Humanoid Robot Using Proto- Symbol Space Nitin Kumar, Suraj Prakash Sahu, Jay Prakash Maurya, G.C.Nandi, Pavan Chakraborty
R113	Intelligent Controller for Mobile Robot Based on Heuristic rule Base Network Singh Mukesh Kumar, Mishra Deepak Kumar, Parhi Dayal R. and Singh Mahendra Prasad

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R117	Cascading Neural Networks using Adaptive Sigmoidal Function Sudhir Kumar Sharma and Pravin Chandra
R123	Fuzzy Controller for Positioning Tasks in Tactile Surgical Navigation Stanley A. Mungwe and Andreas Hein
R125	Image Denoising using Wavelet Transform and Wavelet Transform with Enhanced Diversity Vaibhav Nigam, Smriti Bhatnagar and Sajal Luthra
R20080	CRYSTAL BASED IMAGE RECOGNITION TECHNIQUE ENABLING IN A LIFE SAVING MISSION V.ASHOK KUMAR, S.MOHANA KRISHNAN, S.BALAKUMAR and M.SANTHOSH KUMAR
R20087	Text Information Extraction : In Context of Indian languages Ganesh K. Sethi and Dr. Rajesh K. Bawa
R20092	An Improved Technique for Vision Based Path Tracking Robot Sachmanik Singh Cheema and Sumit Budhiraja
R20097	BLUETOOTH CONJURER AND AEGIS – FOR PROVIDING FULL DUPLEX CONNECTIVITY via BLUETOOTH Adithya.N, G.DineshBabu
R201	Fingerprint Singular Point Detection Using Orientation Field Reliability Ravinder Kumar, Pravin Chandra and M. Hanmandlu
R20100	A Proposal for Reliable Routing in Communication Network Punjan Dohare and Sumit Jha

Morning, March 23, 2010 (Wednesday)

Venue: Conference Hall 2 (Second Floor)

SESSION – CMAE-03 (16)

Session Chair:

Time: 8:45 – 10:30

E144	Nuclear Fusion and the Moon as a Source of Power for the World--Possibility of 3He Fusion and the International Quest for the Moon Ugur Guven and Piyush Kuchhal
E147	Usage Of Nuclear Reactors In Space Applications--Space Propulsion and Space Power Concepts Velidi Gurunadh and Ugur Guven
E040	Failure Analysis of Low Pressure Evaporator Tubes in a Typical Combined Cycle Power Plant M. Nematollahi and M. Rezaeian
E041	SUBOPTIMAL GUIDANCE AND CONTROL DESIGN FOR A MISSILE Netra Singh
E047	ANFIS for Predicting Surface Roughness in Turning Operation Performed on CNC Lathe Vinod Kumar M.A.
E050	Mass Transport in a Microchannel Bioreactor with a Porous Wall Hong-Tong Low, Xiaobing Chen, Peng Yu and Sony Winoto
E051	DESIGN AND ANALYSIS OF FLAPPING WING G C Vishnu Kumar and M Rahamath Juliyana
E052	Al ₂ O ₃ -Water Nanofluids in Convective Heat Transfer Om Shankar Prajapati and Dr. A. K. Rajvanshi
E055	MICRO-HYDRO POWER GENERATION--Design And Fabrication Of Micro-Hydro Turbine For Water Treatment Plant Nikhil P Patrike and Sanmaya Patro
E060	Numerical Solution of An Edge Cracked 2-D Piezoelectric Media using Extended Finite Element Method

	R.R. Bhargava and Kuldeep Sharma
E10051	Computational Aero Elastic Modelling of Airframes and Turbo Machinery Hari Prasanth.L and Vivek.S
E10023	PERISTALTIC PUMPING OF A FLUID OF VARIABLE VISCOSITY IN A NON UNIFORM TUBE/CHANNEL WITH PERMEABLE WALL M.PAVAN, N.V.S.VARUN, PURUSHOTHAM .B and N.R.SWAMINATHAN
E10025	EMPIRICAL MODELING OF TURNING PARAMETERS USING GREY RELATIONAL ANALYSIS L B Abhang and M Hameedullah
E10026	Study of the Heat and Mass Transfer in a Dehumidification of liquid desiccant Hesamoddin Salarian
E10027	Design of Experimental Platform to Simulate Spacecraft Dynamics Dr.M.Thangavel, Aravinth.M, Gouthamraj.K.R.S, Gopalakrishnan.M and Manikandan.D
E10043	Parametric study of Hybrid Composite Joints Using FEA K.Mohamed Bak and K.KalaiChelvan

10: 30 – 10: 50	Coffee Break
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Morning, March 23, 2010 (Wednesday)
Venue: Conference Hall 2 (Second Floor)

SESSION – CMAE-04 (16)

Session Chair:

Time: 10:50-12:20

E068	FLUTTER ANALYSIS OF WING, BOOSTER FIN AND VERTICAL TAIL G.Vinayagamurthy, Dr. K.M.Parammasivam and Dr.S.Nadaraja Pillai
E074	Effect of Sheet Thickness on Magnitude and Distribution of Magnetic Force in Electromagnetic Sheet Metal Forming Process M. Sedighi, H. Karimi-nemch and M. Khandaei
E075	Dependence of the Stability of Turbulent Non-Premixed Flame on Swirl Number Srinivas Kumar G H
E081	Flow Maldistribution in a Simplified Plate Heat Exchanger Model- A Numerical Study Nityanand Pawar and R. S. Maurya
E084	A Modified Wave Approach for the Calculation of Natural Frequencies and Mode Shapes of the Rods with Variable Cross Section M. Khoshbayani Arani , N. Rasekh Saleh and M. Nikkhah Bahrami
E094	Thermo-Elastic Design of Flexure for Spaceborn Opto-Mechanical Payloads Naimesh Patel, J.B.Rami,A.P.Vora,C.P.Dewan and D.Subrahmanyam
E098	Indian and International Scenario on Research in Thermal Error Minimization in CNC Machine Tool Sunilkumar, S Honnungar, V Prabhu Raja, P R Thyla and Thirumalaimuthukumaran M
E105	Winged Aerostat Systems for better station keeping for aerial surveillance Akshay A. Kanoria and Rajkumar S. Pant
E108	Experimental Study on Combustion and Pollution Characteristic of Gas oil and Biodiesel K. Bashirnezhad, S. Baghdar Hosseini, A.R. Moghiman and M. Moghiman
E10048	DESIGN AND DEVELOPMENT OF SWARM ROBOTS FOR SECURITY APPLICATIONS Dr.M.Thangavel, S.Raghavan, R.Raviprakash, V.Rubesh Raja and Shankar Manickam.
E10058	Creep Analysis in Anisotropic Composite Rotating Disc with Hyperbolically Varying Thickness Vandana Gupta and S.B.Singh
E10060	Multidisciplinary Design Optimization Approach for a Small Solid Propellant Launch Vehicle Conceptual Design Using Hybrid Simulated Annealing

	Masoud Ebrahimi, Jafar Roshanian and Farnaz Barzinpour
E10063	Design and Implementation of an Efficient Biomass Drier System for a Wood Gasification based Power Plant Kumar Ashlesh, Rohit Vadera and K Ramachandra
E10066	Nonlinear Effects On Resonance Behaviour of Beams In Micro Scale S.H. Nourbakhsh, M. Rafiee, R. Rafiee and R. Mohammadzadeh,
E10067	STRUCTURAL ASPECT OF SYMMETRY AND ITS EFFECT ON GENERATION OF PLANETARY GEAR TRAINS I.Rajasri, Dr.AVSSKS Gupta and Dr.YVD Rao
E10068	Experimental Study of Thermal Energy Storage in Solar System Using PCM B.Kanimozhi and B.R.Ramesh Babu

Morning, March 23, 2010 (Wednesday)
Venue: Conference Hall 4 (Second Floor)

SESSION – ICNCC-04 (15)

Session Chair: **Prof. Yogesh Chaba**

Time: 8:45 – 10:30

N093	Software Based Data Path Acceleration For IPsec Processing Hemant Agrawal and Sandeep Malik
N094	Software Based Fault/Crash Handling Mechanisms to Ensure Reliable DSP Systems Hemant Agrawal and Prashant Dalmia
N202	View Dependent Simplification using Maya API SAMEER ARORA
N231	Malware Analysis using Non-Signature based Method Vinod P., V.Laxmi, M.S.Gaur and Grijesh Chauhan
N232	Comparison of Parametric Visual Features for Speech Recognition Deepika Gupta, Preety Singh, V. Laxmi and M.S. Gaur
N067	A Survey on Hindi Language Information Retrieval Sanjay K. Dwivedi and Vipin Kumar Awasthi
N069	Characteristics of Key Update Strategies for Wireless Sensor Networks—A quantitative security analysis Ender Yüksel, Hanne Riis Nielson and Flemming Nielson
N070	IP Tunneling: A Novel Solution to Future Internet Scalability Subhajit Dutta and Souvik Maiti
N081	Model of Complex Searching Over Structured P2P Overlay Under Dynamic Environment Saiful Khan, Abdullah Gani and Abdallah Medani
N082	Lightweight Public Key Infrastructure for Securing SMS Using Elliptic Curve Algorithm Abdalla Medani, Abdullah Gani and Saiful Khan
N083	Identifying the Parameters Affecting Network Coding in Wireless Networks Najme Zehra Naqvi, Deepika Jindal, Srishti Ahuja and Priyanka Singh
N087	Modeling Cloud Software-as-a-Service: A Perspective Ritu Sharma and Manu Sood
N10047	Application of Eye Opening Penalty to Estimate Quality of N-QAM high Speed Signals in Optical Communication Jaroslaw Turkiewicz and Agata Kościelska
N20076	Generalized Framework for Secure Web Service Composition Rajat Bhandari, Ugrasen Suman and A. K. Ramani
N20079	Corpuscular Random Number Generator Harsh Bhasin

Morning, March 23, 2010 (Wednesday)**Venue: Conference Hall 4 (Second Floor)**

SESSION – ICNCC-05 (16)

Session Chair:

Time: 10:50-12:20

N096	TRACTROBOT Sanjay Bansal, Rishabh Goyal and Aman Jain
N100	Opportunistic Routing: Opportunities and Challenges Arka Prokash Mazumdar and Ashok Singh Sairam
N105	The Base Strategy for ID3 Algorithm of Data mining using Havrda and Charvat Entropy Based on Decision Tree Nishant Mathur, Sumit Kumar, Santosh Kumar and Rajni Jindal
N109	Unconstrained Handwritten Kannada Numeral Recognition Basappa B. Kodada and ShivaKumar K. M
N110	Coordinate based Directed Routing Protocol P. K. Guha Thakurta, Supriya Roy and Subarno Banerjee
N124	Delay Estimation for Global RC Interconnect using Inverse Gamma Distribution Function Vikas Maheshwari, Sumita Gupta, Rajib Kar, V. Satyanarayana and A.K. Bhattacharjee
N131	Estimation of RC Global Interconnect Slew in 0.18 μ m Technology using Inverse Gamma Distribution Function Vikas Maheshwari, Sumita Gupta, Rajib Kar, V. Satyanarayana and A.K. Bhattacharjee
N154	Identification and Proof of Ownership by Watermarking Relational Databases Vidhi Khanduja and O.P.Verma
N164	A New Palm Print Based Fuzzy Vault System for Securing Cryptographic Key Om Prakash Verma and Devesh Bharathan
N166	Bandwidth Management Framework for Multicasting in Wireless Mesh Networks Manaswi Saha and P.Venkata Krishna
N170	Selective Retransmission Schemes in TCP for Network Mobility: Performance Comparisons and Usage Recommendations Pankaj Chand, Bhaskar Sardar and Debashis Saha
N171	Efficient Model for Multipoint to Multipoint Disaster Recovery as A Service System. Dr. Rekha Singhal and Siddharth Patankar
N20081	4G and Its Future Impact: Indian Scenario Prof. Butchi Babu Muvva, Mr.Rajkumar Maipaksana and Mr. M. Narasimha Reddy
N20084	Hardware Implementation of Adaptive Algorithms for Noise Cancellation Raj Kumar Thenua and S.K. Agarwal
N20085	Wavelet Transform for Detection of Conserved Motifs in Protein Sequences with Ten Bit Physico-chemical Properties J. K. Meher, M. K. Raval, P. K. Meher and G. N. Dash
N20106	Reference Point Based Evolutionary Approach for Workflow Grid Scheduling Ritu Garg and Awadhesh Kumar Singh

Morning, March 23, 2010 (Wednesday)**Venue: Conference Hall 1 (First Floor)**

SESSION – ICCRC-06 (15)

Session Chair:

Time: 8:45 – 10:30

R070	Mobility Based Performance Analysis DYMO, STAR & DSR Adhoc Routing Protocols
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	Parma Nand and Dr. S.C. Sharma
R134	STABILITY OF GENERALIZED QUADRATIC FUNCTIONAL EQUATION IN NON-ARCHIMEDEAN FUZZY NORMED SPACES K. Ravi and P. Narasimman
R139	Fingerprint Matching Based on Orientation Feature Ravinder Kumar, Pravin Chandra and Pravin Chandra
R140	Anti-control of Chaos of Linear Continuous-time Systems with Unknown Parameters Using Adaptive Control Farzaneh Akhgari, Zahra Rahmani and Behrooz Rezaie
R141	Analysis of Process Interactions in Dynamic System Using Frequency Dependent RGA Amit Jain and B V Babu
R144	An Edge-based Algorithm for Text Extraction in Images and Video Frame Anubhav Kumar , Awanish Kr Kaushik, R.L.Yadava and Divya Saxena
R147	Multiresolution LBP Correlogram for Texture Image Indexing and Retrieval Subrahmanyam Murala, R. P. Maheshwari and R. Balasubramanian
R155	SPEED CONTROL OF HYDRULIC MOTOR SPEED CONTROL OF HYDRULIC MOTOR DC-CONTROLLED PUMP Ayad Q. Hussein, Dr. Amjed J. Hamidi and Dr. Majid A. Oleiwi
R158	Control of D.C Motor by Computer Rashid Ali Fayadh
R162	Reduce Positioning Error for Robot Manipulator with Intelligent Technique Maryam Barati, Ahmad Reza Khoogar and Mehrzad Nasiriyan
R164	The State Space Average Model of Boost Switching Regulator Including All of the System Uncertainties Mohammad Reza Modabbernia, Ali Reza Sahab, Mohammad Taghy Mirzaee and Kazem Ghorbany
R168	Improvement of Power System Security under Network Contingency with Static VAR Compensator B.Venkateswara Rao, Dr. G.V.Nagesh Kumar, R.V.S.Lakshmi Kumari and M.Vinay Kuma
R20103	ARTVTS: In Single-Chip Automated Real Time Vehicle Tracking System with Automated Emergency Alert System Sanjay Saini and Dr. A. Umamakeswari
R20106	Fuzzy Adaptive Hysteresis Band Current Controller for Solar Photovoltaic Inverter Dr. D. Devaraj, Dr. S.Sakthivel and Mrs. K.Punitha
R20119	SVM Model for Prediction and Classification of Drosophila Based on Nucleotide Composition Ananjay Singh, Kireet Joshi and Bhasker Pant

10: 30 – 10: 50

Coffee Break

Morning, March 23, 2010 (Wednesday)**Venue: Conference Hall 5 (Second Floor)**

SESSION – ICNCC-06 (15)

Session Chair:

Time: 10:50-12:20

N177	A CPW fed E-shaped Reconfigurable Antenna with Frequency Diversity Ch. Sulakshana and L. Anjaneyulu
N181	An Integrated Approach to Network-on-Chip Design Space Exploration R K Jena and P K Mahanti
N182	A Novel Backoff Algorithm with QoS Support in Heterogeneous Wireless Networks A. Rajesh1 and R. Nakkeeran

N185	Asymmetric Circular Array Antenna Synthesis Based on Angular Positions Mangolika Bhattacharya, Sudipta Das, Durbadal Mandal and Anup Kumar Bhattacharjee
N195	Improving ertPS Grant Allocation for VoIP Traffic in Silence Duration S. Amir Hoseini, S. Saed Rezaie and H. Taheri
N213	Implementation of Extensible Authentication Protocol in OPNET Modeller S. Saed Rezaie, S. Amir Hoseini and H. Taheri
N199	Hybridizing xth root problem with RSA for designing an efficient Digital Signature Algorithm Harish Sharma, Jagdish Chand Bansal and K.V. Arya
N200	A Unique Cryptographic Mechanism for Encoding Data Using DNA Structure Pankaj Rakheja and Amanpreet Kaur
N209	Low Power Voltage Controlled ring Oscillator Design with Substrate Biasing Manoj Kumar, Sandeep K. Arya and Sujata Pandey
N210	Multiplierless FIR Filter Implementation on FPGA Mrs.S.M.Badave and Dr. A.S.Bhalchandra
N214	Comparison of Different Rule Calculation Method for Rough Set Theory Nandita Sengupta and Jaya Sil
N217	Localization Method based on Computational Geometry and Fuzzy Decision Operators in Wireless Sensor Networks Farzad Tigh Panahi and Abolfazl Torghi Haghghat
N20112	Maximizing Network Lifetime Through Varying Transmission Radii with Energy Efficient Cluster Routing Algorithm in Wireless Sensor Networks. T.Venu Madhav, Prof.N.V.S.N Sarma and Dr.L.Anjaneyulu
N20118	EXTENDING TCP/IP TO EMERGING I-HSIP PROTOCOL P.Prashanth and M.Sharmila
N20140	Development of a Microcontroller Based Robotic Arm Mr. R. M. Pethe and Miss S. R .Burnase

12: 20 - 13: 30	Lunch Break
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Afternoon, March 23, 2010 (Wednesday)

Main Auditorium (First Floor)

SESSION – ICCRC-07 (13)

Session Chair:

Time: 13:30 – 15:30

R169	Effect of Advanced Static VAR Compensator on Control of Power System Load Shedding B.Venkateswara Rao, Dr. G.V.Nagesh Kumar, R.V.S.Lakshmi Kumari and M.Vinay Kumar
R173	Paper Currency Recognition System using Characteristics Extraction and Negatively Correlated NN Ensemble Ms. Minal Gour, Mr. Kunal Gajbhiye, Ms. Bhagyashree Kumbhare and Prof. M. M. Sharma
R174	Rule Extraction from Privacy Preserving Neural Network: Application to Banking Nekuri Naveen, V. Ravi and C. Raghavendra Rao
R175	An ID-Based Signature Scheme From Bilinear Pairing Based on ex-k-plus Problem Shivendu Mishra, Ritika Yaduvanshi, Anjani Kumar Rai and Nagendra Pratap Singh
R180	Reliability Analysis of Computer Security System based on Intuitionistic Fuzzy Fault Tree Mohit Kumar, Shiv Prasad Yadav and Surendra Kumar
R182	Efficient Object Selection Technique for a Robotized Kitchen Mudit Srivastava and Anshul Vikram Pandey
R184	Identification of Nolinear systems using Inceremnetal and Diffusion Differential Evolution Algorithms

	H. Pal Thethi, Babita Majhi and G. Panda
R189	A Communication Network Design for Robotics through a Queen Bees Algorithm SHIVENDRA MISHRA, G. John Christopher and Manwendra Mishra
R190	SA-OILINESS: A SYSTEM TO MEASURE OILINESS OF DISTANT SUBJECT USING IMAGE PROCESSING Anand Gupta, Rachit Garg and Shruti Suri
R191	Design and Fabrication of an Autonomous Mobile Robot for Obstacle Avoidance and Path Planning in Partially Known Environment Deep Sharma and S. K. Dwivedy
R199	Credit Scoring using Support Vector Machine: A Comparative Analysis S. Harikrishna, M.A.H. Farquad and Shabana
R200	Web-Base Group Decision Support System for Information Security Decision Making in Case of Indian e-government Systems Mayur Gaigole and Nilay Khere
R205	Leakage Process and Minimization—Transistor Stacking Effect, Data Retention Gated Ground Cache, Drowsy Cache Debasis Mukherjee and B.V.R. Reddy

15: 30 – 15: 40	Coffee Break
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Afternoon, March 23, 2010 (Wednesday)

Venue –Main Auditorium (First Floor)

SESSION – ICCRC-08 (12)

Session Chair:

Time: 15:40 – 18:30

R206	Robust Fractional Order Control of a DC Motor Based on Particle Swarm Optimization Khosro Khandani and Ali Akbar Jalali
R213	INDUCTION MOTOR DRIVE THD IMPROVEMENT WITH MULTI-LEVEL INVERTER G.Durgasukumar and M.K.Pathak
R214	Exoskeleton Device for Rehabilitation of Stroke Patients Using SEMG during Isometric Contraction Neelesh Kumar, Davinder Pal Singh, Dinesh Pankaj, Sanjeev Soni and Dr. Amod Kumar
R220	A Novel Approach and Design of Embedded Controlled Prosthetic Upper Limb to Assist the Above Elbow Amputees Jothi Lakshmi D, Illakiya G and Rajkamal R
R224	Direct Kinematic Analysis of a Hexapod Spider-like Mobile Robot Mostafa Ghayour and Amir Zareei
R230	Inverse Kinematic Analysis of a Hexapod Spider-like Mobile Robot Mostafa Ghayour and Amir Zareei
R232	Communication and Control through Words and Power Reji M. Issac
R233	Harmonic Investigation and Simulation of Full Bridge LCL Resonant Inverter S.Selvaperumal and Dr.C.Christober Asir Rajan
R20122	OPTIMIZED COST MODEL FOR k-NN QUERIES IN R*-TREES OVER RANDOM DISTRIBUTION Sirisala Nageswara Rao
R20123	Collision Avoidance in Unstructured Environments for Autonomous Robots: A Behavioural

	Modelling Approach Chika O. Yinka-Banjo, Isaac O. Osunmakinde and Antoine Bagula
R20129	A Gabor Filter Based Approach for Locating Faults in Distribution System Pratul Arvind and Rudra Prakash Maheshwari
R20130	Text Extraction from Videos Using the Combination of Edge-based and Stroke Filter Techniques Waffa Choudhary

12: 20 - 13: 30	Lunch Break
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Afternoon, March 23, 2010 (Wednesday)

Venue: Conference Hall 2 (Second Floor)

SESSION – CMAE-05 (16)

Session Chair:

Time: 13:30 – 15:30

E115	Vibrating Loads Identification using Inverse Acoustics in Fluid-Structure Interaction M. Kojouri Manesh, M. R. Hematiyan, M. Eghtesad, D.S. Neculescu and A.Rezazadeh
E118	OPTIMIZATION OF SUPPORT MATERIAL AND BUILD TIME IN FUSED DEPOSITION MODELING (FDM) G. Pavan Kumar and Srinivasa Prakash Regalla
E119	Experimental Investigation of Manifold Induced Flow Maldistribution in U- and Z-Turn Flow Configurations Sachin B. Ingle and R. S. Maurya
E121	Mixed Convective Heat Transfer Flow of Nanofluid Past a Permeable Vertical Flat Plate with Magnetic Effects: A Finite Element Study Puneet Rana and Rama Bhargava
E124	Study of Different Nozzle Configurations for Supersonic COIL System Gaurav Singhal, Mainuddin and R.K. Tyagi
E126	Analysis on Characteristics of Heavy Vehicle Electrical Cooling Fan with CFD and Motor Test Results Joo-Han Kim, In-Soung Jung, Nahmkeon Hur and Wook Kim
E129	Some Anomalies in the Experimental Results of EDM Bhiksha.Gugulothu and Buschaiah K
E135	Selection of Grippers-A Fuzzy Graph Theoretic Approach Sanjeev Goyal and Sandeep Grover
E139	Dynamic Characterization of Non-Homogeneous Magnetorheological Fluids based Multi-Layer Beam Vasudevan Rajamohan and Manoharan Ramamoorthy
E141	Engine Rotational Dynamics Calculation with Stroke Identification for Scooter Engine Using FPGA Yuh-Yih Wu, Bo-Chiuan Chen, Hsien-Chi Tsai and Yu-Chuan Wang
E30003	Analysis of a Complex Shape Chain Plate using Transmission Photoelasticity N. Dasari and K. Ramesh
E30004	HEALTH MONITORING OF NEW AND AGING PIPELINES- DEVELOPMENT AND APPLICATION OF INSTRUMENTED PIGS Sudeep Vats
E30007	Thermomechanical Analysis in FG Rotating Hollow Disk A. R. Khorshidvand and M. Jabbari
E30017	Study of Heat Transfer and Hydrodynamics in a Gas-Solid Fluidized Bed Reactor Experimentally and Numerically

	Mahdi Hamzehei, Hassan Rahimzadeh and Goodarz Ahmadi
E30033	Miniature test Technique for acquiring true Stress–Strain curves for a large range of Strains using a tensile test and Inverse Finite Element method Farrukh Hafeez, M.N.Desmukh, Asif Husain and D.K.Sehgal
E30041	Development of A Variant of Scalar Constitutive Equations Suitable for Description of the Near Super-Plastic Regimes of Deforming K.Bhaskaran, B.B.Jha, B.K.Mishra, O.I. Bylya, M.K. Sarangi, P.V.Chystyakov, A.V. Muravlev and R.A. Vasin

15: 30 – 15: 40	Coffee Break
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Afternoon, March 23, 2010 (Wednesday)**Venue: Conference Hall 2 (Second Floor)**

SESSION – CMAE-06 (15)

Session Chair:

Time: 15:40 – 18:30

E142	Improved Air Turbo Rocket for Space Applications--Application to Orbital Vehicles and Reentry Ankit Dimri and Racheet Matai
E145	Induction Heating of an Aluminum Billet: A Numerical Study of the Thermal Behavior U. Ray, A. Sarkar, S. Sen, B. Roychowdhury and N. Barman
E148	Identification of Aerodynamic Derivatives of a Flexible Aircraft using Output Error Method Majeed M and Dr. Indra Narayan Kar
E154	The Effect Of the Frictional Force On Tumbling Perforation Tayebeh Akbari, Gholamhossein Liaghat and Saeid Feli
E156	Experimental Study of Cloud Formation Kamalika Chatterjee, Rahul Kashyap and Jaywant H. Arakeri
E157	Experimental surface profile of dense granular media in cylindrical Couette flow Arkadeep Kumar
E159	Simulation of the Mathematical Model of a Quad Rotor Control System using Matlab Simulink Akhil M., M. Krishna Anand, Aditya Sreekumar and P.Hithesan
E167	Modeling of Risk Management Strategies for SMEs using ANN under Various Levels of Operational Risks Piyush Singhal, Gopal Agarwal and M.L. Mittal
E169	PRODUCT DESIGN ASPECTS FOR DESIGN OF ACCURATE MASS PROPERTIES MEASUREMENT SYSTEM FOR AEROSPACE VEHICLES K. Gopinath, K. Raghavendra, M.K. Behera, E.V.Subba Rao, M. Umakanth and S. Gopinath
E035	Accurate Calculation of the Natural Frequencies of Reticulated and Solid Cylindrical Composite Shells Amir H. Hashemian, Mohammad H. Kargarnovin and Jafar E. Jam
E036	Quality, Reliability and Maintenance (Q, R & M) Issues in Reconfigurable Manufacturing Systems (RMS) Dodla Srikanth and Dr. M. S. Kulkarni
E30043	A Study on Variation of Microstructural Parameters in Titanium Alloys during near Superplastic Regime of Deformation R.K. Sahoo, B.B. Jha, T.K. Sahoo, B.K.Mishra, O.I. Bylya and M.K. Sarangi
E30050	Automatic Control of Aircraft Cabin Pressure Set-point for Ascents and Descents Using Genetic Algorithm Elahe Zeinaly, Bahram Karimi, Ghazanfar Shahgholian and Mohsen Ghasemi

E30055	CFD Analysis of Mixing and Combustion of a Scramjet Combustor with a Planer Strut Injector K.M.Padey and Sivasakthivel.T
E30057	EFFECT OF COLD FLOW FORMING DEFORMATION ON THE TENSILE PROPERTIES OF 15CrMoV6 STEEL Bikramjit Podder, G.Gopi and Chandan Mondal

Afternoon, March 23, 2010 (Wednesday)

Venue: Conference Hall 4 (Second Floor)

SESSION – ICNCC-07 (8)

Session Chair:

Time: 13:30 – 15:30

N218	Detecting Structural Clones D.Gayathri Devi and Dr.M.PunithaValli
N219	Line Based Robust Script Identification for Indian Languages Bhupendra Kumar, Aniket Bera and Tushar Patnaik
N224	NETWORK SECURITY – MAC ADDRESS BLOCK Jayakumar.S, Senthil Jayavel and Senthil Kumar.m
N227	Performance Evaluation of RB Switching and NRB Switching in Ad Hoc Wireless Network Mr.Vikas G. Bhowate and Mrs.Girija G.Chiddarwar
N20147	Global Mobile Information Simulator in Windows XP to Analysis the Performance of Routing Protocols in MANET. DR.R.P MAHAPATRA, MANISH BHARDWAJ and SACHI PANDEY
N20148	Design and Implementation of Multi-Path Routing in Mobile Ad hoc Networks Rajendra Prasad Mahapatra
N090	iSCSI -A Secured Storage Area Networking Protocol Over Ethernet Infrastructure MADHUKAR GUNJAN CHAKHAIYAR
N190	Enhanced Object Oriented WBEM Enabled Solution for Non-Homogeneous Network ManviMishra, S.S.Bedi and L.S.Maurya

Conference Banquet: Main Auditorium (1st floor), SRM University

Coffee Break cum Breakfast: (on 22nd and 23rd March, 2011)

Venue: Upper Library Hall (2nd Floor)

Lunch Break: (on 22nd and 23rd March, 2011)

Time: 12:30 - 13:30 pm

Venue: Upper Library Hall (2nd Floor)

Dinner: (On 22nd March 2011)

Time: 18:30 pm onward

Venue: Fine Dine Restaurant University Campus (2nd Floor)

Instructions for Oral Presentations

Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

Materials Provided by the Presenters:

PowerPoint or PDF files

Duration of each Presentation (Tentatively):

Regular Oral Session: about 10-15 Minutes of Presentation 5 Minutes of Q&A

Plenary Speech: 40 Minutes of Presentation 5 Minutes of Q&A