

## AIM & PEIE 2011 Schedule

Registration – 8 .00 PM  
 Inaugural Ceremony – 9.00 AM (Hall-1)  
 Photo Session – 10.45 AM – 10.50 AM  
 Tea Break – 10.50 AM – 11.00 AM

### AIM 2011 Full Paper Schedule

Date: 21-Apr-2011	Hall: 1	Session: I	Time: 11.00 AM – 1.30 PM
Chair 1: Dr.Janahanlal Stephen ( <i>Dean, Ilahia College Of Engineering, India</i> )		Chair 2: Prof . Jyoti Jain ( <i>RGPV India</i> )	
<i>Paper ID</i>	<i>Paper Title</i>		<i>Reg. Author</i>
AIM 14 F	Efficient Object Motion Prediction Using Adaptive Fuzzy Navigational Environment		Vijay S Rajpurohit
AIM 38 F	An Efficient Protocol Using Smart Interval For Coordinated Checkpointing		Jagdish Makhijani, Manoj Kumar , Niranjan
AIM 54 F	Face Recognition System Using Discrete Wavelet Transform And Fast PCA		Ramesha K.
AIM 64 F	Mining Indirect Association Between Itemsets		Ramasubbareddy B.
AIM 66 F	Reaction Attacks In The Matrix Scheme Of NTRU Cryptosystem		Rakesh Nayak
AIM 78 F	Process Corner Analysis For Folding And Interpolating ADC		Shruti Oza
AIM 81 F	Fast Near-lossless Image Compression With Tree Coding Having Predictable Output Compression Size		Debashis Chakraborty
AIM 82 F	Over Load Detection And Admission Control Policy In DRTDBS		Nuparam
AIM 99 F	A Novel Design Of Reconfigurable Architecture For Multistandard Communication System		Suresh T.
AIM 101 F	Two Novel long-tail pair Based Second Generation Current Conveyors (CCII)		Amisha P Naik
AIM 117 F	Generating Testcases For Concurrent Systems Using Uml State Chart Diagram		Debashree Patnaik
AIM 131 F	Intelligent Agent Based Resource Sharing In Grid Computing		Srinivas V.V
AIM 136 F	Wideband Miniaturized Patch Antenna Design And Comparative Analysis		Sanket S Patel

**Lunch Break 1.30 PM – 2.30 PM**

**AIM 2011**  
**Full Paper Schedule**

<b>Date: 21-Apr-2011</b>		<b>Hall: 1</b>	<b>Session: II</b>	<b>Time: 2.30 PM – 4.00 PM</b>
Chair 1: Prof. Jyoti Jain ( <i>RGPV India</i> )		Chair 2: Dr. G.R.Sinha ( <i>Shri Shankaracharya College Of Engineering &amp; Technology, India</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
AIM 142 F	Predicting Number Of Zombies In ADDoS Attack Using ANN Based Scheme			Jain A.
AIM 145 F	A Novel Biometric Watermaking Approach Using LWT-SVD			Meenakshi Arya
AIM 159 F	Detection And Prevention Of Phishing Attack Using Dynamic Watermarking			Manoj Wairiya
AIM 174 F	A Search Tool Using Genetic Algorithm			Thanuja M.K
AIM 178 F	Heterogeneous Data Mining Environment Based On DAM For Mobile Computing Environments			Ashutosh K Dubey
AIM 189 F	Selection Of Views For Materialization Using Size And Query Frequency			Vijay Kumar T.V
AIM 190 F	Trust Analysis: PGP Web Of Trust & Trust Hierarchy			Sumit Kumar
AIM 191 F	A Novel Reconfigurable Architecture For Enhancing Color Image Based On Adaptive Saturation Feedback			Hanumantha Raju

**Tea Break 4.00 PM – 4.15 PM**

**AIM 2011**  
**Full Paper Schedule**

<b>Date: 21-Apr-2011</b>		<b>Hall: 1</b>	<b>Session: III</b>	<b>Time: 4.15 PM – 5.15 PM</b>
Chair 1: Prof. Jyoti Jain ( <i>RGPV India</i> )		Chair 2: Dr. G.R.Sinha ( <i>Shri Shankaracharya College Of Engineering &amp; Technology, India</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
AIM 194 F	Signal Processing Approach For Prediction Kink In Transmembrane A-Helices			Meher J.K
AIM 502 F	Cascaded H-Bridge Multilevel Boost Inverter Without Inductors For Electric/Hybrid Electric Vehicle Applications			Dhayanandh S.
AIM 511 F	Design Of Microstrip Meandered Patch Antenna For Mobile Communication			Shobhit Patel
AIM 537 F	Building Gaussian Mixture Shadow Model For Removing Shadows In Surveillance Videos			Chougule A.B
AIM 548 F	FAutoREDWithRED: To Increase The Overall Performance Of Internet Routers			Chitra K.

**PEIE 2011**  
**Full Paper Schedule**

<b>Date: 21-Apr-2011</b>		<b>Hall: II</b>	<b>Session: IV</b>	<b>Time: 11.00 AM -12.45 PM</b>
Chair 1: Dr. Yogesh Chaba ( <i>Guru Jambheshwar University Of Sc. &amp; Technology, India</i> )		Chair 2: Prof.Pradeep Kumar ( <i>YMCA University Of Science &amp;Technology India</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
PEIE 3 F	Bandwidth Enhancement of Stacked Microstrip Antennas Using Hexagonal Shape Multiresonators			Tapan Mandal
PEIE 4 F	Study Of Probabilistic Neural Network And Feed Forward Back Propagation Neural Network For Identification Of Characters In License Plate			Kemal Koche
PEIE 9 F	Ecient Minimization Of Servo Lag Error In Adaptive Optics Using Data Stream Mining			Akondi Vyas
PEIE 15 F	Soft Switching Of Modified Half Bridge Fly-back Converter			Jini Jacob
PEIE 31 F	A Novel Approach For Prevention Of SQL Injection Attacks Using Cryptography And Access Control Policies			Selvamani K.
PEIE 42 F	IMC Design Based Optimal Tuning Of A Novel Governor Controller For Hydro Power Plant			Anil Naik Kanasottu
PEIE 508 F	Thermal And Flicker Noise Modelling Of A Double Gate MOSFET			Ray Kanjilal M.
PEIE 516 F	Design Of Controller For An Interline Power Flow Controller And Simulation In MATLAB			Venkateswara Reddy
PEIE 520 F	Optmizing Resource Sharing In Cloud Computing			Arulmozhi K.S

**PEIE 2011**  
**Short Paper Schedule**

<b>Date: 21-Apr-2011</b>		<b>Hall: II</b>	<b>Session: V</b>	<b>Time: 12.45 PM -1.30 PM</b>
Chair 1: Dr. Yogesh Chaba ( <i>Guru Jambheshwar University Of Sc. &amp; Technology, India</i> )		Chair 2: Prof.Pradeep Kumar ( <i>YMCA University Of Science &amp;Technology India</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
PEIE 16 S	Harmonics Reduction & Amplitude Boosting In Polyphase Inverter Using 60o PWM Technique			Prabhat Mishra, VivekRamachandran
PEIE 18 S	Face Recognition Using Gray Level Weight Matrix (GLWM)			Paramasivam M.E
PEIE 517 S	Reliable Barrier-free Services (RBS) For Heterogeneous Next Generation Network			Chandra Mohan B.
PEIE 519 S	Location For Stability Enhancement In Power Systems Based On Voltage Stability Analysis And Contingency Ranking			Harish Kiran S.

**Lunch Break 1.30 PM -2.30 PM**

**PEIE 2011**  
**Poster Paper Schedule**

<b>Date: 21-Apr-2011</b>		<b>Hall: II</b>	<b>Session: VI</b>	<b>Time: 2.30 PM -3.30 PM</b>
Chair 1: Dr. Yogesh Chaba ( <i>Guru Jambheshwar University Of Sc. &amp; Technology, India</i> )		Chair 2: Dr. Vinu V Das ( <i>IDES-Chair</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
PEIE 11 P	Power Factor Correction Based On RISC Controller			Pradeep Kumar
PEIE 29 P	Design Of High Sensitivity Soi Piezoresistive Mems Pressure Sensor			Pravinraj T.
PEIE 33 P	Customized NoC Topologies Construction For High Performance Communication Architectures			Ezhumalai P.
PEIE 38 P	Improving CPU Performance And Equalizing Power Consumption For Multicore Processors In Agent Based Process Scheduling			Muneeswari G.
PEIE 510 P	Wireless 3-d Gesture And Caharacter Recognition			Gaytri Gupta
PEIE 511 P	An Intelligent Intrusion Detection System For Mobile Ad Hoc Networks Using Classification Techniques			Ganapathy S.
PEIE 518 P	Power Factor Correction In Wound Rotor Induction Motor Drive By Using Dynamic Capacitor			Venkataratnam G.

**AIM 2011**  
**Short Paper Schedule**

<b>Date: 21-Apr-2011</b>		<b>Hall: II</b>	<b>Session: VII</b>	<b>Time: 3.30 PM - 4.00 PM</b>
Chair 1: Dr. Yogesh Chaba ( <i>Guru Jambheshwar University Of Sc. &amp; Technology, India</i> )		Chair 2: Prof. P.Ezhumalai ( <i>Rajlakshmi Enginerring College,India</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
AIM 27 S	Scan Based Sequential Circuit Testing Using DFTAdvisor			Reshma P.
AIM 52 S	Rate Adaptive Distributed Source-Channel Coding Using IRA Codes For Wireless Sensor Networks			Saikat Majumder
AIM 57 S	Web Cam Motion Detection Surveillance System Using Temporal Difference And Optical Flow Detection With Multi Alerts			Ambeth Kumar V.D
AIM 69 S	RTS-Mirror: Real Time Synchronized Automated Rear Vision Mirror System			Kuldeep Verma, Ankita Agarkar, Apoorv Joshi

**Tea Break 4.00 PM – 4.15 PM**

**AIM 2011**  
**Short Paper Schedule**

<b>Date: 21-Apr-2011</b>		<b>Hall: II</b>	<b>Session: VIII</b>	<b>Time: 4.15 PM – 5.15 PM</b>
Chair 1: Dr. Yogesh Chaba ( <i>Guru Jambheshwar University Of Sc. &amp; Technology, India</i> )		Chair 2: Prof. P.Ezhumalai ( <i>Rajlakshmi Enginerring College,India</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
AIM 70 S	Fuzzy Based PSO For Software Effort Estimation			Hari V.M.K
AIM 72 S	SLV: Sweep Line Voronoi Ad Hoc Routing Algorithm			Rama Krishna E.
AIM 91 S	Tree Structured, Multi-hop Time Synchronization Approach In Wireless Sensor Networks			Surendra Rahamatkar
AIM 92 S	A New Markov Chain Based Cost Evaluation Metric For Routing In Manets			Neeraj Kumar
AIM 102 S	Texture Image Classification Using Gray Level Weight Matrix (GLWM)			Sabeenian R.S
AIM 110 S	Formal Verification Of IEEE802.11i WPA-GPG Authentication Protocol			Krishnam Raju K.V
AIM 115 S	Adaptive Steganography Based On Covariance And DCT			Sathisha N.
AIM 122 S	Cluster Analysis & PSO For Software Cost Estimation			Tegjyot Singh Sethi

**AIM 2011**  
**Short Paper Schedule**

<b>Date: 22-Apr-2011</b>		<b>Hall: I</b>	<b>Session: IX</b>	<b>Time: 9.00 AM – 10.30 AM</b>
Chair 1: Dr.Janahanlal Stephen ( <i>Dean, Ilahia College Of Engineering, India</i> )		Chair 2: Prof. Manoj Waairiya ( <i>MNNIT India</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
AIM 121 S	Image Segmentation Using Grey Scale Weighted Average Method And Type-2 Fuzzy Logic Systems			Saikat Maity
AIM 134 S	Controlling Crossover Probability In Case Of A Genetic Algorithm			Parama Bagchi Shantanu Pal
AIM 147 S	A Qualitative Survey On Unicast Routing Algorithms In Delay Tolerant Networks			Sushovan Patra
AIM 148 S	Designing And Modelling Of CMOS Low Noise Amplifier Using A Composite MOSFET Model Working At Millimeter Wave Band			Adhira Raj
AIM 151 S	Designing Dependable Solutions Using Layered Security Architectures For Agile Modeling Requirements			Krishna Prasad A.V
AIM 155 S	A Modified Continuous Particle Swarm Optimization Algorithm For Uncapacitated Facility Location Problem			Sujay Saha
AIM 161 S	Design Of A Hybrid Genetic Algorithm With Preferential Local Search For Multiobjective Optimization Problems			Bhuvana J.

AIM 166 S	Synergy Of Multi-Agent Coordination Technique And Optimization Techniques For Patient Scheduling	Grace Mary Kanaga
AIM 171 S	Naive Bayes Approach For Website Classification	Rajalakshmi R.
AIM 176 S	Method To Improve The Efficiency Of The Software By The Effective Selection Of The Test Cases From Test Suite Using Data Mining Techniques	Lilly Raamesh

**Tea Break 10.30 AM – 10.45 AM**

**AIM 2011  
Short Paper Schedule**

<b>Date: 22-Apr-2011</b>	<b>Hall: I</b>	<b>Session: XII</b>	<b>Time: 10.45 AM – 11.30 AM</b>
Chair 1: Prof. Manoj Waairiya ( <i>MNNIT India</i> )		Chair 2: Prof. Pradeep Kumar ( <i>YMCA University Of Science &amp; Technology India</i> )	
<i>Paper ID</i>	<i>Paper Title</i>	<i>Reg. Author</i>	
AIM 538 S	A Hybrid Intelligent Path Planning Approach To Cooperative Robots	Vinodh P Vijayan, Biju Paul	
AIM 544 S	Towards Evaluating Resilience Of SIP Server Under Low Rate DoS Attack	Shanti Thilagam P.	
AIM 87_79 S	Hybrid Routing For Ad Hoc Wireless Networks	Dilli Ravilla	
AIM 87_131 S	Implementation Of ARINC 429 16-Channel Transmitter Controller On FPGA	Debasis Mukherjee	
AIM 88_202 S	Segmentation Of Image Using Watershed And Fast Level Set Methods	Minal M. Puranik	

**AIM 2011  
Full Paper Schedule**

<b>Date: 22-Apr-2011</b>	<b>Hall: II</b>	<b>Session: X</b>	<b>Time: 9.00 AM – 10.00 AM</b>
Chair 1: Dr. Yogesh Chaba ( <i>Guru Jambheshwar University Of Sc. &amp; Technology, India</i> )		Chair 2: Prof. P. Ezhumalai ( <i>Rajlakshmi Enginerring College, India</i> )	
<i>Paper ID</i>	<i>Paper Title</i>	<i>Reg. Author</i>	
AIM 87_64 F	Wavelet Transform Based Image Registration And Image Fusion	Manjusha Deshmukh	
AIM 87_71 F	60 GHz Radio Channel Characteristics In An Indoor Environment For Home Entertainment Networks	Murugesan D.	
AIM 87_101 F	Improved Back Propagation Algorithm To Avoid Local Minima In Multiplicative Neuron Model	Vishnu Pratap Singh Kirar	
AIM 88_75 F	Technical White Paper On “Time And Frequency Synchronization Algorithms In OFDM”	Anagha Rathkanthiwar	
AIM 88_185 F	Cell-ID Based Vehicle Locator And Real-Time Deactivator	Nilesh Dubey	

	Using GSM Network	
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**AIM 2011  
Poster Paper Schedule**

<b>Date: 22-Apr-2011</b>		<b>Hall: II</b>	<b>Session: XI</b>	<b>Time: 10.00 AM – 10.30 AM</b>
Chair 1: Dr. Yogesh Chaba ( <i>Guru Jambheshwar University Of Sc. &amp; Technology, India</i> )		Chair 2: Prof. P.Ezhumalai ( <i>Rajlakshmi Enginerring College,India</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
AIM 13 P	Performance Analysis Of A Multi-window Stereo Algorithm On Small Scale Distributed Systems (A Message Passing Environment)			Vijay S Rajpurohit
AIM 32 P	Ant Colony Algorithm In MANET-Review And Alternate Approach For Further Modification			Jyoti Jain
AIM 33 P	RDCLRP-Route Discovery By Cross Layer Routing Protocol For Manet Using Fuzzy Logic			Mehajabeen Fatima
AIM 41 P	A New Classification Algorithm For The Altered Fingerprints			Josphineleela R.

**Tea Break 10.30 AM – 10.45 AM**

**AIM 2011  
Poster Paper Schedule**

<b>Date: 22-Apr-2011</b>		<b>Hall: II</b>	<b>Session: XIV</b>	<b>Time: 10.45 AM – 1.30 PM</b>
Chair 1: Dr. Yogesh Chaba ( <i>Guru Jambheshwar University Of Sc. &amp; Technology, India</i> )		Chair 2: Prof. P.Ezhumalai ( <i>Rajlakshmi Enginerring College,India</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
AIM 56 P	Footprint Based Recognition System			Ambeth Kumar V.D
AIM 84 P	An Efficient Approach For Data Replication In Distributed Database Systems			Arun Kumar Yadav
AIM 87 P	Unicast Quality Of Service Routing In Mobile Ad Hoc Networks Based On Neuro-Fuzzy Agents			Budyal V.R
AIM 88 P	Performance Evaluation Of Routing Protocols In Wireless Sensor Networks			Geetika Ganda
AIM 93 P	Security And Trust Management In MANET			Neeraj Kumar
AIM 118 P	Analytical Parametric Evaluation Of Dynamic Load Balancing Algorithms In Distributed Systems			Mayuri A Mehta1
AIM 123 P	Wavelet Based Electrocardiogram Compression At Different Quantization Levels			Kumar A.
AIM 124 P	Content Based Image Retrieval By Using An Integrated Matching Technique Based On Most Similar Highest Priority Principle On The Color And Texture Features Of The Image			Babu Rao M.

	Sub- Blocks	
AIM 130 P	Understanding The Impact Of Cache Performance On Multicore Architectures	Pavan Kumar P.
AIM 135 P	An Overview Of Solution Approaches For Assignment Problem In Wireless Telecommunication Network	Rajalakshmi K.
AIM 144 P	Design Of Domain Specific Language For Web Services QOS Constraints Definition.	Monika Sikri
AIM 156 P	Modified Auxiliary Channel Diffie Hellman Encrypted Key Exchange Authentication Protocol	Nitya Ramachandran
AIM 160 P	Bilateral Partitioning Based Character Recognition For Vehicle License Plate	Siddhartha Choubey
AIM 162 P	Strategies For Parallelizing KMeans Data Clustering Algorithm	Mohanavalli S.
AIM 167 P	A Comparative Study Of Different Queuing Models Used In Network Routers For Congestion Avoidance	Narendran Rajagopalan
AIM 172 P	SAR Image Classification Using PCA And Texture Analysis	Gunjit Kaur
AIM 173 P	Performance Of WiMAX/ IEEE 802.16 With Different Modulation And Coding	Shubhangi R. Chaudhary
AIM 179 P	A Novel Stair-Case Replication (SCR) Based Fault Tolerance For MPI Applications	Sanjay Bansal

**AIM 2011  
Poster Paper Schedule**

<b>Date: 22-Apr-2011</b>		<b>Hall: I</b>	<b>Session: XIII</b>	<b>Time: 11.30 AM – 1.30 PM</b>
Chair 1: Dr. G.R.Sinha ( <i>Shri Shankaracharya College Of Engineering &amp; Technology, India</i> )		Chair 2: Dr.Janahanlal Stephen ( <i>Dean, Ilahia College Of Engineering, India</i> )		
<i>Paper ID</i>	<i>Paper Title</i>			<i>Reg. Author</i>
AIM 192 P	Evaluating Cloud Platforms- An Application Perspective			Pankaj Deep Kaur
AIM 193 P	An Intelligent Agent Based Temporal Action Status Access Control Model For XML Information Management			Jaisankar N.
AIM 520 P	Server Virtualization: To Optimizing Messaging Services By Configuring Front-End And Back-End Topology Using Exchange Server In Virtual Environments			Anand R.
AIM 521 P	Blind Source Separation For Convolutional Audio Mixing			Jerine Rini Rosebell
AIM 522 P	ICA Based Informed Source Separation For Watermarked Audio Signals			Sharanya R.
AIM 532 P	Evaluation Of Retrieval System Using Textural Features Based On Wavelet Transform			Lidiya Xavier
AIM 533 P	Watermarking Techniques For IP Identification Based On Testing In SOC Design At Behavioural Level			Newton David Raj
AIM 543 P	Rough Set Approach For Distributed Decision Tree And			Ajitha P.

	Attributed Reduction In The Disseminated Environment	
AIM 545 P	MIMO And Smart Antenna Technologies For 3G And 4G	Vanitha Rani Rentapalli
AIM 546 P	A GA-Artificial Neural Network Hybrid System For Financial Time Series Forecasting	Venkatesh G.S
AIM 550 P	A Preemptive View Change For Fault Tolerant Agreement Using Single Message Propagation	Singh Awadhesh Kumar
AIM 88_55P	A Model For Detection, Classification And Identification Of Spam Mails Using Decision Tree Algorithm	Hemant Pandey

**Closing Ceremony 2.30 PM – 3.30 PM**

**Tea Break 3.30 PM – 3.45 PM**