## AIM & CCPE - 2012 Complete Program Schedule

**Registration:** 8.00AM-9.00AM  
**Inaugural Ceremony:** 9.00AM—9.35AM  
**Photo Session:** 9.35AM—9.45AM  
**Tea Break:** 9.45 AM—10.00 AM  
**Key Note:** 10.00AM — 10.55 AM ( Hall I & Hall II)

### Session 1

**Date:** 27-Apr-2012  
**Hall:** I  
**Time:** 11.00AM – 1.00 PM

| Chair 1: Dr. Janahanlal Stephen  
(IIaHa College of Engg & Tech, India) | Chair 2: Dr. Yogesh Chaba  
(Guru Jambheshwar University of Science & Technology, India) | Paper ID | Title | Registered Author |
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<tbody>
<tr>
<td>AIM 19 F</td>
<td>Cluster Based Dynamic Keying Technique for Authentication in Wireless Sensor Networks</td>
<td>V. Thiruppathy Kesavan</td>
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<tr>
<td>AIM 32 F</td>
<td>RrMm-A measurement model to quantify the effect of reengineering risk in quality perspective of legacy system</td>
<td>Anand Rajavat</td>
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<tr>
<td>AIM 51 F</td>
<td>Association Based Image Retrieval: A Survey</td>
<td>R.Priyatharshini</td>
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<tr>
<td>AIM 65 F</td>
<td>Development of Wireless Sensor Node to Monitor Poultry Farm</td>
<td>Kelvin C. Chelli</td>
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<tr>
<td>AIM 77 F</td>
<td>Energy Optimization in Wireless Sensor Networks</td>
<td>M. M. Chandane</td>
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<tr>
<td>AIM 80 F</td>
<td>Adaptive Delay and Energy Aware Data Aggregation Technique in Wireless Sensor Networks</td>
<td>S. Sivaranjani</td>
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<tr>
<td>AIM 156 F</td>
<td>Compressive Sensing for Pulse Position Modulated UWB signal</td>
<td>Abhilash Deshmuk</td>
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<tr>
<td>AIM 594 F</td>
<td>Non-linear Mathematical Equations for PAPR Reduction in OFDM</td>
<td>Damarla Vinurudh</td>
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### Session 2

**Date:** 27-Apr-2012  
**Hall:** II  
**Time:** 11.00AM – 1.00 PM

| Chair 1: Dr. Sathyanarayana S V  
(JNN College of Engg, India) | Chair 2: Dr. B.K.Kaushik  
(IIT-Roorkee, India) | Chair 3: E.V.C.Sekhara Rao  
(Chaitanya Bharathi Institute of Technology, India) | Paper ID | Title | Registered Author |
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<tbody>
<tr>
<td>CCPE 16 F</td>
<td>Harnessing Maximum Power from Solar PV Panel for Water Pumping Application</td>
<td>Mrityunjaya Kappali</td>
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<tr>
<td>CCPE 18 F</td>
<td>Implementation of Model Predictive Control for Closed Loop Control of Anesthesia</td>
<td>Deepak Ingole</td>
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<tr>
<td>CCPE 19 F</td>
<td>A Technique to Reduce Crosstalk delay on Data-Bus in DSM Technology</td>
<td>Anchula Sathish</td>
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<tr>
<td>CCPE 20 F</td>
<td>Design and Implementation of Interior-Point Method based Linear Model Predictive Controller</td>
<td>Vihangkumar Vinaykumar Naik</td>
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<td>CCPE 21 F</td>
<td>Design and Implementation of Discrete Augmented Ziegler-Nichols PID Control</td>
<td>Vedika Vilasrao Patki</td>
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<td>CCPE 35 F</td>
<td>Harmonic Reduction in Three Phase Rectifier using Current Injection</td>
<td>Binsy Joseph</td>
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<td>CCPE 41 F</td>
<td>Typing Pattern Recognition Using Keystroke Dynamics</td>
<td>Poonam R. Dholi</td>
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**Lunch Break:** 1.00 PM – 2.00 PM
### Session 3 (Hall I) - Time: 2.00 PM - 4.00 PM

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<tr>
<td>AIM 95 F</td>
<td>Investigation on the influence of packet sizes on WRR queue management in Ethernet switch</td>
<td>Soumen Sarkar</td>
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<td>AIM 114 F</td>
<td>Component Based Software Development in Distributed Systems</td>
<td>Umesh Kumar Tiwari</td>
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<tr>
<td>AIM 135 F</td>
<td>A Biometric Based Design Pattern for Implementation of a Security Conscious E-Voting System using Cryptographic Protocols</td>
<td>Nirmalya Kar</td>
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<tr>
<td>AIM 140 F</td>
<td>Fingerprint Matching Based on Texture Feature</td>
<td>Ravinder Kumar</td>
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<tr>
<td>AIM 143 F</td>
<td>A Comparative study and Design of Full Adder cells using Carbon Nano Tube FET</td>
<td>V. Malleswararao</td>
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<tr>
<td>AIM 150 F</td>
<td>Using Limited Flooding in On-Demand Distance Vector Junior for Reduction Power Consumption in ZigBee Networks</td>
<td>Arman Zare</td>
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<td>AIM 153 F</td>
<td>Optimization for Agent Path Finding In Soccer 2D Simulation</td>
<td>Amir Seyed Danesh</td>
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<tr>
<td>AIM 627 F</td>
<td>Extended Queue Management Backward Congestion Control Algorithm</td>
<td>V. Sinthu Janita Prakash</td>
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### Session 4 (Hall II) - Time: 2.00 PM - 4.00 PM

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<th>Topic</th>
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<tr>
<td>CCPE 42 F</td>
<td>Investigation on Series Active Filter with Small Energy Source for DC Voltage Control</td>
<td>K. Venkatraman</td>
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<tr>
<td>CCPE 60 F</td>
<td>Modelling Analysis And Sensorless Operation Of PMBLDC Motor</td>
<td>Rajkumar S</td>
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<tr>
<td>CCPE 64 F</td>
<td>Energy Loss Estimation: A Mathematical Approach</td>
<td>Murali Krishna Talari</td>
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<tr>
<td>CCPE 524 F</td>
<td>Design and development of controller for stand-alone wind driven Self-excited induction generator</td>
<td>M. Sathyakala</td>
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<tr>
<td>CCPE 536 F</td>
<td>A New High Step-up Converter with low voltage stress using coupled inductor</td>
<td>K. Radhalakshmi</td>
</tr>
<tr>
<td>CCPE 537 F</td>
<td>Line Contingency Ranking Based On Detection Of Accidental Islands For Autonomous Micro-Grids</td>
<td>M Venkata Kirthiga</td>
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<tr>
<td>CCPE 541 F</td>
<td>A novel Method For Modeling, Simulation And Design Analysis Of SEIM For Wind Power Generation</td>
<td>Janakiraman.R</td>
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<tr>
<td>CCPE 556 F</td>
<td>Modelling and Simulation of H-Bridge Topology for Z- Source Inverter using Matlab/Simulink</td>
<td>S. Sabareswar</td>
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<tr>
<td>Chair 1: Dr. Janahanlal Stephen (Ilahia College of Engg &amp; Tech, India)</td>
<td>Chair 2: Dr. Yogesh Chaba (Guru Jambheshwar University of Science &amp; Technology, India)</td>
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<tr>
<td>AIM 519 F</td>
<td>NN based Ontology Mapping</td>
<td>Manjula Shenoy K</td>
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<tr>
<td>AIM 120 F</td>
<td>Design of Open Equation Archive Server Resistant Against Denial-of-Service Attacks</td>
<td>Shin-ya Nishizaki</td>
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<tr>
<td>AIM 529 F</td>
<td>A Load Reduction and Balancing Scheme for MAG Operating in PMIPv6 Domain</td>
<td>Kailash Chander</td>
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<tr>
<td>AIM 533 F</td>
<td>C Document Image Segmentation for Kannada Script using Zone based Projection Profiles</td>
<td>Siddhaling Urolagin</td>
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<tr>
<td>AIM 553 F</td>
<td>An approach for improving signal to interference plus noise ratio in MC DS-CDMA downlink system</td>
<td>A.K. Gnanasekar</td>
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<tr>
<td>AIM 557 F</td>
<td>Prediction of Course Selection in E-Learning System using Combined Approach of Unsupervised Learning Algorithm &amp; Association Rule</td>
<td>Sunita B Aher</td>
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<tr>
<td>AIM 570 F</td>
<td>Software Program Development Life Cycle Standards for Banking and Financial Services IT Industry</td>
<td>Poyyamozhi Kuttalam</td>
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<tr>
<td>AIM 121 F</td>
<td>Real-Time Model Checking for Regulatory Compliance</td>
<td>Shin-ya Nishizaki</td>
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<tr>
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<th>Hall II</th>
<th>Session 6</th>
<th>Time: 4.15 PM - 6.15PM</th>
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<tbody>
<tr>
<td>Chair 1: Dr. Sathyanarayana S V (JNN College of Engg, India)</td>
<td>Chair 2: Dr. B.K. Kaushik (IIT-Roorkee, India)</td>
<td>Chair 3: Anchula Sathish (Rajeev Gandhi Memorial College Of Engg &amp; Tech, India)</td>
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<tr>
<td>CCPE 31 S</td>
<td>Biosignal Acquisition System for Stress Monitoring</td>
<td>Joydeep Sengupta</td>
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<tr>
<td>CCPE 512 S</td>
<td>Power System Generator and Voltage Stability Enhancement by the Hardware circuit Implementation of 3-Ph Static Var Compensator (SVC)</td>
<td>Venu Yarlagadda</td>
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<tr>
<td>CCPE 521 S</td>
<td>Statcom For Improvement Of Active And Reactive Power At The Wind Based Renewable Energy Sources</td>
<td>Sunil Kumar J</td>
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<tr>
<td>CCPE 542 S</td>
<td>PI Control of Quasi-Resonant Buck Converter</td>
<td>A. Rameshkumar</td>
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<tr>
<td>CCPE 27 S</td>
<td>An Area Efficient and Low Power Multiplier using Modified Carry Save Adder for Parallel Multipliers</td>
<td>S. Murugeswari</td>
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<tr>
<td>CCPE 538 P</td>
<td>Modeling and Dynamic Simulation of Permanent Magnet Brushless DC Motor (PMBLDCM) Drives</td>
<td>P. Ramesh Babu</td>
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<tr>
<td>CCPE 557 F</td>
<td>Cascaded Multilevel Inverter For Industrial Applications</td>
<td>S. Ramprasad</td>
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<tr>
<td>CCPE 14 F</td>
<td>PMH Stepper Motor Magnetic Circuit Design Using PDE toolbox Simulations of Matlab for Different Topologies</td>
<td>Amala Priya Shalini.B</td>
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<td>E.V.C. Sekhara Rao</td>
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<td>AIM 567 F</td>
<td>Context-Aware Information processing in Visual Sensor Network</td>
<td>H. H. Kenchannavar</td>
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<td>AIM 617 F</td>
<td>Effect of Temperature on Gate Leakage Current in P4 and P3 SRAM Cells at Deep Sub-Micron CMOS Technology</td>
<td>Ritu</td>
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<td>AIM 618 F</td>
<td>Ensemble Approach for IP Auto-Configuration in Ad Hoc MANETs</td>
<td>S. Zahoor Ul Huq</td>
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<td>AIM 624 F</td>
<td>HMM based enhanced Dynamic Time Warping model for efficient Hindi language speech recognition system</td>
<td>Krishna Kumar Sharma</td>
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<td>AIM 625 F</td>
<td>Feedforward Feedback(FFFB) method for Dereferencing the Non Blind Algorithms in Adaptive Beamforming</td>
<td>Vaibhav Narula Rajat Srivastava</td>
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<td>AIM 636 F</td>
<td>Electronic Guiding Stick to Assist the Visually Challenged</td>
<td>Govindaraj P</td>
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<td>AIM 146 F</td>
<td>Reduction of data Size in Intrusion Domain using Modified Simulated Annealing Fuzzy Clustering Algorithm</td>
<td>Nandita Sengupta</td>
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<tr>
<td>AIM 60 S</td>
<td>Analysis of a new random key pre-distribution scheme based on random graph theory and kryptograph</td>
<td>Prachi</td>
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<td>AIM 73 S</td>
<td>An Algorithm for Variable Precision Based Floating Point Multiplication</td>
<td>K Neelima</td>
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<td>AIM 83 S</td>
<td>Service Crawling in Cloud Computing</td>
<td>Chandan Banerjee</td>
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<td>AIM 85 S</td>
<td>Data-Retention Sleep Transistor CNTFET SRAM Cell Design at 32nm Technology for Low-Leakage</td>
<td>Rajendra Prasad Somineni</td>
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<td>AIM 113 S</td>
<td>Intelligent Robust Router</td>
<td>Naveen Kolla</td>
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<td>AIM 115 S</td>
<td>Maude specification generation from VHDL</td>
<td>Fateh Boutekkouk</td>
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<td>AIM 144 S</td>
<td>Dynamic Probabilistic Packet Marking</td>
<td>Anil V. Turukmane</td>
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<td>AIM 148 S</td>
<td>Advanced TeleOphthalmology for Blindness Prevention</td>
<td>Samit Dilip Kumar Desai</td>
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<td>AIM 152 S</td>
<td>Performance Analysis of Ad Hoc On-Demand Distance Vector Routing and Dynamic Source Routing using NS2 Simulation</td>
<td>Mayank Kumar Goyal</td>
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Tea Break 11.00 AM – 11.15 AM
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<tr>
<td>AIM 37 P</td>
<td>Cache Oblivious B-tree and Sorting using Sequential Accessing</td>
<td>Korde Parmeshwar Sopanrao</td>
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<td>AIM 44 P</td>
<td>Locality Based Static Single Assignment Partial Redundancy Elimination</td>
<td>Sivananaintha Perumal</td>
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<td>AIM 106 P</td>
<td>The FIRMER-Square Contour Algorithm</td>
<td>Sumit Kumar</td>
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<td>AIM 112 P</td>
<td>Performance Evaluation of DSDV, DSR, OLSR, TORA Routing Protocols - A Review</td>
<td>Davinder Singh Sandhu</td>
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<td>AIM 125 P</td>
<td>MJ2-RSA Signature Scheme in E-Commerce for Fair-Exchange Protocols</td>
<td>E.Madhusudhana Reddy</td>
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<td>AIM 127 P</td>
<td>Robust Image Watermarking By Establishing Adaptive Attributes</td>
<td>Seema Hiremath</td>
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<tr>
<td>AIM 139 P</td>
<td>A Survey of Reversible Watermarking Techniques for Data hiding with ROI-Tamper Detection in Medical Images</td>
<td>Amrinder Singh Brar</td>
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<td>AIM 548 P</td>
<td>Effective Site Finding Using Qualified Link Information</td>
<td>K.M.Annammal</td>
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<td>AIM 577 P</td>
<td>Performance Comparison of On- Demand Routing Protocols for Varying Traffic</td>
<td>Shalini Singh</td>
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<td>AIM 588 P</td>
<td>Analyzing Buffer Occupancy of the Nodes under Acknowledged Delay Tolerant Network’s Routing Protocols</td>
<td>Harminder Singh Bindra</td>
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<td>Multi Infrared (IR) flame detector for tangential fired boiler</td>
<td>Himanshu Shekhar</td>
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<td>AIM 631 P</td>
<td>Management Challenges and Solutions in Next-Generation Networks (NGN)</td>
<td>Maryam Barshan</td>
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<td>AIM 155 S</td>
<td>Modified Contrast Limited Adaptive Histogram Equalization Based on Local Contrast Enhancement for Mammogram Images</td>
<td>Shelda Mohan</td>
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<td>AIM 536 S</td>
<td>Zone Based Effective Location Aided Routing Protocol for MANET</td>
<td>G. T. Chavan</td>
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<tr>
<td>AIM 555 S</td>
<td>Investigation of Modulus maxima of Contourlet Transforms for enhancing mammographic features</td>
<td>Rekha Lakshmanan</td>
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<td>AIM 569 S</td>
<td>Software Configuration Development Process for Banking and Financial Services IT Industry</td>
<td>Poyyamozhi Kuttalam</td>
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<td>AIM 583 S</td>
<td>VHDL Based Analysis of the Channel Estimator Algorithm and Frequency offset Estimation for OFDM System</td>
<td>Minal Saxena</td>
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<td>AIM 585 S</td>
<td>Dot Pattern Analysis and Matching using Genetic Algorithm</td>
<td>Purshottam J. Assudani</td>
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<td>AIM 614 S</td>
<td>Smartphone Terminal Using VNC Protocol</td>
<td>Santosh T Warpe</td>
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<tr>
<td>AIM 630 S</td>
<td>Improved Performance Analysis of AODV Routing Protocol with Priority and Power Efficiency in Mobile Adhoc Homogeneous and Adhoc WiMAX Heterogeneous Networks</td>
<td>Pushpinder Singh Patheja</td>
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**Lunch Break 1.15 PM – 2.15 PM**

**Closing Ceremony 2.15 PM – 3.00 PM**

**Tea Break 3.00 PM – 3.15 PM**