

Third International Conference on Advances in Computing and Communications (ICACC-2013)

(29—31 August 2013, Kochi, India.) www.acc-rajagiri.org

Program Highlights			
29th August 2013 (Thursday) (Venue: RSET)			
08:30AM– 10:00AM	Registration		
10:00AM --11:00AM	ICACC Inaugural Event Venue : Multimedia Hall	Registration	
11:00AM --11:15AM	TEA BREAK		
11:15AM --12:00 PM	Plenary Talk (Dr. Shivashankar B. Nair, Indian Institute of Technology Guwahati, (IIT-G)) Venue : Multimedia Hall		
Parallel Technical Sessions			
12.00 PM --1:00PM	Artificial Intelligence and Knowledge Computing (AIKC-1) Session chair: Fr. (Dr) Jaison P.Mulerikkal Venue : HALL 1, PG CENTRE	Modeling & Analysis of Communications Systems (MACS-1) Session chair: Dr. Deepti Das Venue : HALL 2, PG CENTRE	Signal Processing Architectures and Models (SPAM-1) Session Chair: Dr. Babita R. Jose Venue : HALL 3, PG CENTRE
01:00PM -- 02:00PM	Lunch		
02:00PM--02:45PM	Plenary Talk (DrAmit Acharyya, Indian Institute of Technology (IIT)) Venue : Multimedia Hall		
Parallel Technical Sessions			
02:45PM -- 03:45PM	Artificial Intelligence and Knowledge Computing (AIKC-2) Session chair: Prof. Biju Narayamparambil Venue : HALL 1, PG CENTRE	Modeling & Analysis of Communications Systems (MACS-2) Session chair: Dr. Babita R. Jose Venue : HALL 2, PG CENTRE	Signal Processing Architectures and Models (SPAM-2) Session chair: Dr. Amit Acharya Venue : HALL 3, PG CENTRE
03:45 PM -- 4:15 PM	TEA BREAK		
Parallel Technical Sessions			
04:15 PM -- 5:30PM	Artificial Intelligence and Knowledge Computing (AIKC-3) Session chair: Dr. Shivashankar B Nair Venue : HALL 1, PG CENTRE	Modeling & Analysis of Communications Systems (MACS-3) Session chair: Dr. Pragya Varshney Venue : HALL 2, PG CENTRE	Image Processing and Information Retrieval (IPIR-1) Session chair: Fr. (Dr) Jaison P.Mulerikkal Venue : HALL 3, PG CENTRE
End of 1st Day			

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30 th August 2013 (Friday) (Venue: RSET)			
08:30AM --10:00AM	Registration		
10:00AM -- 11:00AM	Plenary Talk (Dr. K.ChandraSekaran, National Institute of Technology Karnataka) Venue : Multimedia Hall		
11:0AM --11:15AM	TEA BREAK		
Parallel Technical Sessions			
11:15AM -- 1:00PM	Artificial Intelligence and Knowledge Computing (AIKC-4) Session chair: Dr. K.ChandraSekaran Venue : HALL 1, PG CENTRE	Modeling & Analysis of Communications Systems (MACS-4) Session chair: Dr. Abraham Thomas Venue : HALL 2, PG CENTRE	Image Processing and Information Retrieval (IPIR-2) Session chair: Dr. SREERAJ M Venue : HALL 3, PG CENTRE
1:00PM -- 02:00PM	Lunch		
02:00PM -- 02:45PM	Plenary Talk Dr Chirag Warty Chief Technologist, Ahilya Technologies, Los Angeles, California, USA Venue : Multimedia Hall		
Parallel Technical Sessions			
2:45PM -- 3:45PM	VLSI Systems and Applications (VLSIS-1) Session chair: Dr. Jobin K.A Venue : HALL 1, PG CENTRE	Ubiquitous Intelligence and Cyber-Physical Computing (UICC-1) Session chair: Mr Dominic Mathew Venue : HALL 2, PG CENTRE	Image Processing and Information Retrieval (IPIR-3) Session chair: Dr. SREERAJ M Venue : HALL 3, PG CENTRE
3:45PM—4.00PM	TEA BREAK		
4:40PM --6:30PM	Reliability and Information Security (RIS -1) Session chair: Dr. Abraham Thomas Venue : HALL 1, PG CENTRE	Ubiquitous Intelligence and Cyber-Physical Computing (UICC-2) Session chair: Prof. A.J. Kuttyamma Venue : HALL 2, PG CENTRE	Image Processing and Information Retrieval (IPIR-4) Session chair: Mr John Jose Venue : HALL 3, PG CENTRE
06:30PM – 9:00PM	Networking / Cultural Programs		Conference Banquet

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Program Highlights			
31th August 2013 (Saturday) (Venue: RSET)			
08:30AM – 09:00AM	Registration		
09:00AM -- 10:30AM	Parallel Technical Sessions		
	Reliability and Information Security (RIS -2) Session chair: Dr. Abraham Thomas Venue : HALL 1, PG CENTRE	Scientific and Engineering Computing (SCEC-1) Session chair: Dr. M Gopikrishna Venue : HALL 2, PG CENTRE	Performance Evaluation and Measurement (PEM-1) Session chair: Dr Jayan Ozhikandathil Venue : HALL 3, PG CENTRE
10.30 AM—10.45 AM	TEA BREAK		
	Parallel Technical Sessions		
10:45 AM --12:30PM	Advances in Wireless and Microwave Technology (WAMT-1) Session chair: Dr. C K Aanandan Venue : HALL 1, PG CENTRE	Scientific and Engineering Computing (SCEC-2) Session chair: Dr. Babita Jose Venue : HALL 2, PG CENTRE	Performance Evaluation and Measurement (PEM-2) Session chair: Prof. Jaison Jacob Venue : HALL 3, PG CENTRE
12:30PM -- 1:30PM	Lunch		
1:30PM -- 2:15PM	Plenary Talk (Dr Jayan Ozhikandathil, Concordia University, Montreal Canada) Venue : Multimedia Hall		
	Parallel Technical Sessions		
2:15 PM -- 3:30PM	Advances in Wireless and Microwave Technology (WAMT-2) Session chair: Dr P Mohanan Venue : HALL 1, PG CENTRE	Scientific and Engineering Computing (SCEC-3) Session chair: Mr John Jose Venue : HALL 2, PG CENTRE	Advances in Wireless and Microwave Technology (WAMT-3) Session chair: Dr.K.Vasudevan Venue : HALL 3, PG CENTRE
3:30 PM --4:15 PM	Valedictory Function		

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AIKC-1: Artificial Intelligence and Knowledge Computing

DCA: An Approach for Face Recognition through Component Analysis

P Shamna, C Tripti and Augustine Paul

Multidimensional Data Mining For Anomaly Extraction

Pratima Patil

Modeling of Non-convex obstacle detection and avoidance mobile robot by Hybrid cellular automata

Krishna Kumar and Mathew Varghese Vaidyan

A Proposal for Improving Data DeDuplication with Dual Side Fixed Size Chunking Algorithm

Krishnaprasad P K and Biju Narayamparambil

Challenges and Preprocessing Methods in Online Devanagari Script Recognition

Santhini Paul, Smitha P.

AIKC-2: Artificial Intelligence and Knowledge Computing

CRLRM: Category based Recommendation using Linear Regression Model

Gourav Jain, Nischol Mishra and Sanjeev Sharma

Knowledge – augmented Genetic Algorithms for effective Instruction Template Selection in compilers

Mahalingam P R

Design of a BCI System for Piloting a Wheelchair Using Five Class MI Based EEG

Reshmi G and Amal A

Application of Modified spectral bisection for segmenting Malayalam documents

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Dhanya P M and Jathavedan M

Differentiate Slums from Very High Resolution Satellite Data Using Remote Sensing Indicators

P. Sivakumar, S. Ramanathan, M. Dheenadayalan, P. Saravanan

AIKC-3: Artificial Intelligence and Knowledge Computing

Fractional Fuzzy PID Controller for Speed Control of DC Motor

Sujit Kumar Gupta and Pragya Varshney

Prediction of Missing Items using Naïve Bayes Classifier and Graph Based Prediction

Sherica Lavinia Menezes and Geeta Varkey

Adaptive Neuro-Fuzzy Classifier for Weapon Detection in X-ray Images of Luggages Using Zernike Moments and Shape Context Descriptor

Annet Deenu Lopez, Eldho S Kollialil and Gopika Gopan K

A Novel Technique for Efficient Text Document Summarization as a Service

Sowmya Kamath, Anusha Bagalkotkar, Ashesh Kandelwal, Shivam Pandey and Kumari Poornima

AIKC-4: Artificial Intelligence and Knowledge Computing

Stress Management Using Artificial Intelligence

Madhumitha R Mohan , Madhuri V J and R Kaavya

Anomaly Detection Using Motion Patterns Computed From Optical Flow

Parvathy R, Soumya Thilakan, Sameera Km and Meenu Joy

Reduction of MAI using Optical Normaliser in an Optical CDMA system

Anila John

Prioritization of Messages on Community based and Non Community based Protocols in DTN

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Anmol Aggarwal and Preeti Nagrath

Convergent Replicated Data Structures that Tolerate Eventual Consistency in NoSQL Databases

Clarence Tauro, Aby Easo, Samson Mathew and Ganesan N

MACS-1: Modeling & Analysis of Communications Systems

Enhanced design of UWB Antenna with Dual Tapered Conical Wave Launcher for Biomedical Application

M Sasikala, Arokiasamy Petrishia and Mariyappan Duraisamy

Energy Efficient and Reputation based CDS Model for Mobile Ad hoc Networks

Sangheetha Sukumaran, Surya Rani Sunny and Lakshmi Ramachandran

Performance analysis of relay selection for MRC in Cooperative communication

Shamla B

ADC Bottleneck: Past, Present and Future

Jos Prakash A.V., Babita Roslind Jose

MACS-2: Modeling & Analysis of Communications Systems

An Alternative Selection Based Detection Method for Spectrum Sensing for Cognitive Radio

Abdul Rahim V C, Prof Mruthyunjaya H S, and Vishnumurthy Kedlaya K

OFDM Channel Estimation using Compressed Sensing l1-regularized Least Square Problem Solver

Vijitha Rajan, Nissar K E and Arun A Balakrishnan

Free Space Optical Communication Using Aperture Averaging And Spatial Diversity In Log-Normal Channel

Shamla B and Neethu Mohan M C

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A new digital distance relaying algorithm for first-zone protection for series-compensated double-circuit transmission lines

Ranjeet Kumar, Amrita Sinha and Girish Choudhary

Decision Fusion in Co-Operative Spectrum Sensing: A Fuzzy Based Approach

Jaison Jacob, Babita R Jose

MACS-3: Modeling & Analysis of Communications Systems

Formulation of resonant length for Triple band Rectangular Microstrip Antennas

Amit Deshmukh, Tejal Tirodkar, Ankita Jain, Apurva Joshi and Kamala Prasan Ray

Effect of Mobile Phone Radiation on EEG

Smitha C K and Nk Narayanan

Registry Based Discovery Model for Android Application

John Paul Martin, Sarith Divakar and Hareesh Joseph

A simple in-service monitoring system for passive optical networks

Karthika Mohandas, Samuel Varghese and Jayasree V K

Mitigation of Load Current Harmonics Using DSTATCOM based on SRF Theory

J. Bangarraju, V. Rajagopal, O. Sindhura, Ch. Vikram, M. Saikiran, G. Ramyasree

MACS-4: Modeling & Analysis of Communications Systems

Miniaturization of Square Patch Antenna using Complementary Split Ring Resonators

Priya Annmary Chennemkeril, Princy Maria Paul, Sherry Ann Sacharias, Savya Joseph, Neduvellil Sneha

Mol Treesa and Deepti Das Krishna

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Optimization of Cooperative Spectrum Sensing under AWGN and Rayleigh Channels in cognitive Radio Network

Vidyadhar Reddy Gosala and N S Murthy

A Framework to Monitor Cloud Infrastructure in Service Oriented Approach

John Veigas and Chandra Sekaran

Towards Efficient and Secure Cloud

Tarek Radwan, Marianne Azer and Nashwa Abdelbaki

Meander Line Antenna for GPS (L2 Band) Application

Vinu Kamalasanan, Saikat Saha, Anupama C., Pratham Majumder

SPAM-1: Signal Processing Architectures and Models

Mixedmode Circuit Simulation of a Junction less Transistor and a Comparative Study with CMOS Inverter

Nitha M Biju, Rama Komaragiri and Aswathy Manazhi

Time Domain Adaptive Beamformer for Sonar Signal Processing

Deepa B and Anitha Varghese

Comparison of a 30nm Tunnel Field Effect Transistor and CMOS Inverter Characteristics

Aswathy M, Rama Komaragiri and Nitha Biju

A Wavelet Based MFCC Approach for the Phoneme Independent Pathological Voice Detection

Vikram C M and Umarani K

State-Space Averaged Model of a Full Bridge DC-DC Converter

Sudhin Govind, Athulya P Prem

THD and Compensation Time Analysis of Control Strategies for Shunt Active Power Filters in Aircraft Power Utility of 400 Hz

S. Khalid, B. Dwivedi

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SPAM-2: Signal Processing Architectures and Models

Iteratively Region Merging and Object Retrieval using mean shift segmentation and flood fill

Himanshu Swarnkar, Prakriti Trivedi and Akanksha Toshniwal

Reconstruction of Beat Signals in Radar Altimeter Using Signal Processing

Geomol George, Apren T J and Arun A Balakrishnan

Application of adaptive filter using adaptive line enhancer techniques

Soumya Rg, Naveen N and Lal Mj

Cumulative Acoustic Signal based Traffic Density State Estimation

Prashant Borkar and Latesh Malik

Design of a Mesfet based Low Noise Amplifier with Improved Noise Figure for Low Power Wireless

Applications in 2-3 GHz

B Prameela

Simulation Study of Space Vector Modulated Two-Phase Three-Leg Inverter System

Pranali R. Hatwar, A. Y. Fadnis

IPIR-1: Image Processing and Information Retrieval

Enhancement of Data Embedding Technique using Adaptive Pixel Pair Matching for Security

Nafsiya C A, Vidya Hari and Neelam Madheswari

Automatic Grading of Severity of Diabetic Macular Edema Using Color Fundus Images

Sreejini K S and V K Govindan

Exploitation of Regression Line Potentiality to Track the Object through Color Optical Flow

Sidram M H and Nagappa U Bhajantri

Diagnosis of Lung Diseases using CT Images

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Heldah Paul R, Jyothilakshmi K K, Roopa Ros A, J B Jeeva

IPIR-2: Image Processing and Information Retrieval

A novel method of Medical image denoising using bilateral and NLM filtering

Mahesh Mohan M R and Sheeba V S

Counting of Frozen Semen Straws using Image Processing

Amit Chavan, Aparna Shastri, Rajveer Shastri and S B Deosarkar

Finger Vein Identification Based On Minutiae Feature Extraction With Spurious Minutiae Removal

Preethy Prabhakar and Tony Thomas

Off-line Handwritten Malayalam Character Recognition Using Ratios of Grid Values in Horizontal and Vertical Direction

Nusaibath C., Ameera Mol P.M.

IPIR-3: Image Processing and Information Retrieval

Investigation on multifocus Images using block based feature level method

Mary Praveena S Savariar, Ila Vennila Ila and Ms Kavitha A K Kuppaswamy

Cardiac Ischemia Diagnosis Using Stress ECG Analysis

Amal A and Reshmi G

An SVM based skin disease identification using Local Binary Patterns

Nibaran Das, Anabik Pal, Sanjoy Mazumder, Somenath Sarkar, Dwijendranath Gangopadhyay and

Mita Nasipuri

Collaborative Warning System for Dense Vehicular Networks using MUSIC algorithm DoA

Chirag Warty, Richard Wai Yu and Khaled Elmahgoub.

A Literature Review on Pedestrian Persuing in Swarming Scenes

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Haritha H.

IPIR-4: Image Processing and Information Retrieval

Content Based Video Retrieval using SURF descriptor

Asha S and Sreeraj M

Evaluation of Color Spaces for Feature Point Detection in Image Matching Application

Sirisha B and Sandhya Banda

Feature based Image Manipulation

Gopika S and Mintu Philip

A novel Algorithm for Image Compression and Pattern Matching

P Shamna, C Tripti and Augustine Paul

VLSIS-1: VLSI Systems and Applications

High speed VLSI Architecture for squaring Algorithm using retiming Approach

Jalaja S and Vijaya Prakash A M

Implementation of CMNN based Industrial Controller using VxWorks RTOS ported to MPC8260

Pankaj Sagar, Abdul Nazer K H , Naveen N, Asha Joseph and Likhin M

90nm CMOS Low Power Multimodulus 32/33/39/40/47/48 Prescaler with METSPC Based Logic

Mohammed Zackriya V and Kittur Harish Mallikarjun

Real-time Task Assignment in Heterogeneous Multiprocessor Using Metaheuristic Algorithms

Prescilla Koshy and Immanuel Selvakumar

Design and Implementation of Baseband Digital Modulator for CDMA Communication System

P.N.Ravichandran, Satish Sharma, K.K.Raghunandana, Sunil, H.S. VasudevaMurthy, N.Valarmathi

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UICC-1: Ubiquitous Intelligence and Cyber-Physical Computing

Job Scheduling and VM Provisioning in Clouds

Chinnu Edwin and Neela Madheswari

Business Process Reengineering of the Workflows in Intensive Care Unit Supported with a Tablet PC Based Automation System

Anju K S and Anumol Mathew

Improving the accuracy of Ensemble Classifier Prediction model based on FLAME clustering with Random Forest Algorithm

Seena Mary Augusty and Sminu Izudheen

Localization of a Mobile Autonomous Robot using Extended Kalman Filter

Abhishek Shendre and Vishwanath Sangale

Data Integrity in Cloud Computing: A Review

Raseena M., Hari Krishnan G.R.

UICC-2: Ubiquitous Intelligence and Cyber-Physical Computing

TaskTracker Aware Scheduling for Hadoop MapReduce

Jisha S Manjaly and Varghese S Chooralil

Visualization of Information Theoretic Maximum Entropy Model in Real Time Distributed System

Rashmi Sharma and Nitin

Controlling of Back To Back Converter For Load Sharing In Microgrid And Utility Grid

Nitin Choudhary and Xma Pote

Student's Desk: My Workplace on Android

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Saurabh Agarwal, Tushark Bansal, Rajat Agarwal and Mohammed Qadeer

Internet of Things

Sreelakshmi S., Biju Paul

Tara-Kishan Step-by-Step Solver for SUDOKU Puzzle

Rajkumar K. Innani

RIS -1: Reliability and Information Security

Non repudiation for internet access by using browser based user authentication mechanism

Nithesh K, Nandhakumar, Binu A and Viji Paul P

A Youthful procedure for spatial domain steganography

Arya Raj S and Soumya T

Application - DDoS attacks resistance scheme using polynomial distribution model.

Vince Paul A, Prasad K and Sankaranarayanan P N

A Novel Directory Based Solution to Cache Coherence Problem

Shaily Mittal, Nitin

FPGA Based Efficient RSA Cryptosystem Design Using Modified Montgomery Multiplication

Desiree Juby Vincent, Anas A.S

Public Key Encryption: A Review

Banazir B., Annes Philip

RIS -2: Reliability and Information Security

Safety and Security Framework for Exception Handling in Concurrent Programming

Faisal Anwer, Mohd Nazir and Khurram Mustafa

LEaCRS: An Extendible Array Based Compression Scheme for High Dimensional Data using Linearization

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Md Rakibul Islam and K M Azharul Hasan

BLOWFISH II: A Secure Encryption Algorithm

Shaily Jain, Akshay Tayal, Prachi Ahlawat

An Efficient Approach for Optimisation of Cache Access Latency in Chip Multiprocessors

Suchitra Suresh, Aneesh S Perumpurathu

Porting of Operating System to Friendly ARM Board

Anoop Thomas, Silpa P.A.

SEC-1: Scientific and Engineering Computing

A Cycle based Reversible Logic Synthesis Approach

Kamalika Datta, Bhadreswar Ghuku, Devi Sandeep, Indranil Sengupta and Hafizur Rahaman

Industrial Power Wheeling and Optimum Power Interchange under Availability Based Tariff

Jani Das and S Ashok

Near-duplicate web-page detection With Analytic Feature Weighting

Rasia Naseem and Muneer K

Image Processing at Gateway: A Movie Piracy Control System

Anish Babu S., Biju Paul

SEC-2: Scientific and Engineering Computing

Theoretical Computation of Boundary Layer Separation point over a Impeller Vane Pressure Surface in

Centrifugal Pump

Swapnil Urankar, Sharad Raikar, Bharath N, Naveen Kumar R and Sourabh Gupta

Pressure Detection at Molecular Level Using Pyroelectric Sensor

Ashutosh Patri, Sritam Rout and Shashiketan Samal

Design aspects of solar thermal power generation in an educational institute

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Prasad Joshi and Ravindra Mohril

UDDI Rated Web Services

Sarith Divakar and Mathew K S

Analytical Survey on Group Communication on Smart Phones

Soubhagya V.M.

SEC-3: Scientific and Engineering Computing

A Novel Single-Phase Single-Stage Inverter For Solar Applications

Muhammedali Shafeeque K and Subadhra P R

Design of 3-D Phantoms for Human Carotid Vasculature

Ankita Banerjee, Sudipta Dey and Subhadip Basu

MIMO System Using Transmit Diversity and Relay Selection Algorithm

Sanjeevani Jenekar and Manoj Demd

Placement of PMUs for Power System Observability using Biogeography Based Optimization

Jamuna Kamaraj, Yugin L Selva and Gnanasekaran R

Modeling and Design of a Novel Control Algorithm for Grid Connected Photovoltaic (PV) Inverter System

Ayaz Ahmad and Rajaji Loganathan

PEM-1: Performance Evaluation and Measurement

Workflow Model for Distributed Access Control

Manoj V Thomas and K Chandra Sekaran

Selection of Wind Turbine Generator for Optimal utilization of Wind Energy using Reliability Constraint

Ajinkya Mohiley and Ravindra Moharil

Analysis of Conventional Inverter Topologies in Shunt Applications for Unbalanced and Non-linear loads

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Resham Tondare, Snehal Gawande and M R Ramteke

Peak to average power ratio reduction in filter bank based multicarrier system

Mishmy T S and Sheeba V S

CW as a New Computing Technique in Electronic Applications

Reji M. Issac

JIRA Tracking Tool - Does it Really Improve Cycle-time Reduction?

Rosnisa Abdull Razak

PEM-2: Performance Evaluation and Measurement

Leveraging Information Bus with In-Memory Caching for Service Oriented Architecture

Anil Patil and Rajesh Ingle

Joint Adaptive Channel Estimation and Transceiver Design for Two-Way Relay Systems

Arun Joy and Vijay Kumar Chakka

Empirical Measuring IPv4/IPv6 Network Performance on Microsofts Windows Operating Systems

Shibendu Debbarma and Abhijit Das

Performance Analysis of Magnetic Resonance Image Denoising Using Contourlet Transform

Renoh C Johnson, Padmagireesan S J, Veena Paul, Arun A Balakrishnan, Abdul Raheem A and Ajith V

Pillai

Comparative study of multiclass classifiers for underwater target classification

Ta Ferose Babu and R Pradeepa

Functional Verification Methodology for TCP Port Monitoring in a Network Monitoring Device

Pallavi A., Ravi Shankar R., Uma B.V.

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AWMT-1: Advances in Wireless and Microwave Technology

Broadband Proximity fed modified Circular Microstrip Antenna

Amit Deshmukh, Ankita Jain, Apurva Joshi, Tejal Tirodkar and Kamala Prasan Ray

Broadband Proximity fed half U-slot cut Rectangular Microstrip Antennas

Amit Deshmukh, Apurva Joshi, Ankita Jain, Tejal Tirodkar and Kamala Prasan Ray

Sensor Localization and Obstacle Boundary Detection Algorithm in WSN

Supantha Das, Indrajit Banerjee and Tuhina Samanta

A Comparative Analysis and Design Issues of Operating Systems for Wireless Sensor Networks

Leelavathi G.

Efficient Optimal Route Stability Routing Protocol in MANET Using Gauss-Markov Mobility Model

Bhabani Sankar Gouda, Pinaki Prasad Panigrahi, Rabindra Kumar Shial

Transformation of ACS Module to CSA Module of Low-power Viterbi Decoder for Digital Wireless Communication Applications

Sayak Bhowal

AWMT-2: Advances in Wireless and Microwave Technology

Memory efficient High Speed Implementation of MAX LOG MAP Decoder for CCSDS Telemetry Channel Coding Standard

Bibin Varghese, Ansha Vk and Sreelal S

Integrating Encryption Technique in Authentication of Multicast Protocol for Ad-Hoc Networks

Tintu Devasia and Visakh Ravikumar

Design of 3- Bit Digital DMTL Phase Shifter for C- to Ku-Band Applications

Jiterndra Singh Sengar, Anamika Das and Manish Puri

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Quadrature detection methods for FM demodulation

Sona Sunny, Jaison Varghese John and Apren T J

A Review on Wireless Channel Models

Mayur Kumar Chhipa

Filtering Scheme for Injected False Data in WSN

Shahina K., Anand Pavithran

AWMT-3: Advances in Wireless and Microwave Technology

Design and FPGA Implementation of a Programmable Data Rate PSK Digital Demodulator for Onboard and Ground Applications

Mahesh Kumar, V K Tank and Tvs Ram

Demand Based Data Replication in MANETs

Priya K G, Mujeebudheen Khan and Preetha K G

Efficient Optimal Route Stability Routing Protocol in MANET Using Gauss-Markov Mobility Model

Bhabani Sankar Gouda, Pinaki Prasad Panigrahi and Rabindra Kumar Shial

Distributed Trust node selection for secure group communication in MANET

Jenitha Thankappan and Jayashree P

New MAC Protocol for Fast Data Collection in Wireless Sensor Networks

Shabana V.V., Shiju Kumar P.S.

An Analytical Survey of Key Management Systems for WANETs

Ginumol Jose, Sijo Cherian