RBA INNOVATIONS
Total care for Engineering Students

Software Project List 2014-15

Visit us on www.rbagroup.info

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RBA Group, RBA Building, Sambakulam Main Road, Madurai - 625 007.
Contact: 72900 69740, Email ID: rbagroupmadurai@gmail.com
1. Area-Delay-Power Efficient Fixed-Point LMS Adaptive Filter With Low Adaptation-Delay
2. CORDIC Designs for Fixed Angle of Rotation.
3. Design and Implementation of an On-Chip Permutation Network for Multiprocessor System-On-Chip
4. DS-CDMA Implementation With Iterative Multiple Access Interference Cancellation
5. Efficient Implementation of Reconfigurable Warped Digital Filters With Variable Low-Pass, High-Pass, Bandpass, and Bandstop Responses
6. Error Detection in Majority Logic Decoding of Euclidean Geometry Low Density Parity Check (EG-LDPC) Codes
7. IsoNet: Hardware-Based Job Queue Management for Many-Core Architectures
8. Low-Cost Scan-Chain-Based Technique to Recover Multiple Errors in TMR Systems
9. Low-Overhead Fault-Tolerance Technique for a Dynamically Reconfigurable Softcore Processor
10. MDC FFT/IFFT Processor With Variable Length for MIMO-OFDM Systems
11. Reconfigurable Accelerator for the Word-Matching Stage of BLASTN
13. Design of Testable Reversible Sequential Circuits
15. Test Patterns of Multiple SIC Vectors: Theory and Application in BIST Schemes
16. VLSI Implementation of a Multi-Mode Turbo/LDPC Decoder Architecture
17. Design and Implementation of Advanced Encryption Algorithm with FPGA and ASIC
18. Smart Reliable Network-on-Chip.
19. Addressing Transient and Permanent Faults in NoC With Efficient Fault-Tolerant Deflection Router

**MATLAB PAPERS**

1. Orientation field estimation for latent fingerprint enhancement.
2. Finger vein recognition by combining global and local features based on svm.
3. Accurate multiple view 3d reconstruction using patch-based stereo for large-scale scenes.
4. Automatic detection of optic disc based on pca and mathematical morphology.
5. Exploring visual and motion saliency for automatic video object extraction.
6. Gender classification based on fusion of different spatial scale features selected by image enhancement using the hypothesis selection.
10. Real-time object tracking via online discriminative feature selection.
12. Feedback Power Control With Bit Error Outage Probability Qos Measure On The Rayleigh Fading Channel
13. Efficient Multi-Link Failure Localization Schemes In All-Optical Networks
14. Source Transmit Antenna Selection For Mimo Decode-And-Forward Relay Networks
NS2 TITLES

1. Alert: an anonymous location-based efficient routing protocol in manets.
10. Graph-based metrics for insider attack detection in vanet multihop data dissemination protocols.
11. An evolving graph-based reliable routing scheme for vanets.
14. Lightweight sybil attack detection in manets.
17. Path planning algorithm for mobile anchor-based localization in wireless sensor networks.
18. A rendezvous-based approach enabling energy-efficient sensory data collection with mobile sinks.
19. Tour planning for mobile data-gathering mechanisms in wireless sensor networks.
1. A Privacy Leakage Upper Bound Constraint-Based Approach for Cost-Effective Privacy Preserving of Intermediate Data Sets in Cloud.

2. Beyond Text QA: Multimedia Answer Generation by Harvesting Web Information.

3. Harnessing the Cloud for Securely Outsourcing Large-Scale Systems of Linear Equations.

4. To Lie or to Comply: Defending against Flood Attacks in Disruption Tolerant Networks.

5. Malware Clearance for Secure Commitment of OS-Level Virtual Machines.

6. A System for Timely and Controlled Information Sharing in Emergency Situations.

7. Comparable Entity Mining from Comparative Questions.


1. A Neighbor Coverage-Based Probabilistic Rebroadcast for Reducing Routing Overhead in Mobile Ad Hoc Networks

2. A Novel Message Scheduling Framework for Delay Tolerant Networks Routing

3. AMES-Cloud: A Framework of Adaptive Mobile Video Streaming and Efficient Social Video Sharing in the Clouds

4. Enabling Public Auditability and Data Dynamics For Storage Security in Cloud Computing

5. Identity-Based Secure Distributed Data Storage Schemes

6. Link-coloring based scheme for multicast and unicast protection

7. On the Security and Efficiency of Content Distribution via Network Coding

8. Securing Class Initialization in Java-like Languages

9. Security and Privacy-Enhancing Multicloud Architectures

10. Self Adaptive Contention Aware Routing Protocol for Intermittently Connected Mobile Networks

11. SORT: A Self-Organizing Trust Model for Peer-to-Peer Systems

12. Towards Secure Multi-Keyword Top-k Retrieval over Encrypted Cloud Data
1. Answering General Time-Sensitive Queries
2. Creating Evolving User Behavior Profiles Automatically
3. Similarity search techniques for sensitive metric data
4. Slicing a new approach for privacy preserving data publishing
5. Tree-Based Mining for Discovering Patterns of Human Interaction in Meetings
6. Efficient de-duplication techniques for modern backup operation
7. A personalized ontology model for web information gathering
8. Extended xml tree pattern matching
9. Decision trees for uncertain data
10. New approach to quantification of privacy on social network sites
11. Predicted packet padding for anonymous web browsing against traffic analysis attacks
12. Opass: a user authentication protocol resistant to password stealing And password reuse attacks
13. Riht: a novel hybrid ip trace back scheme
14. On the security and efficiency of content Distribution via network coding
16. SparkMed: A Framework for Dynamic Integration of Multimedia Medical Data Into Distributed m-Health Systems
18. Channel access allocation for scalable video transmission over Contention-based wireless networks
19. Security management architecture for supporting routing services on wanets
20. Autonomic placement of mixed batch and transactional workloads
21. Enabling public audit ability and data dynamics for storage security in cloud computing
22. Secure ad hoc network routing protocols
23. New approach to quantification of privacy on social network sites
24. A web search engine-based approach to measure semantic similarity between words
25. Efficient Parallel Data Processing in the Cloud
26. Modeling and automated containment of worms
27. Cell Breathing Techniques for Load Balancing in Wireless LANs
28. On the planning of wireless sensor networks: energy-efficient clustering under the joint routing and coverage constraint
29. Iris recognition system with high security
30. Nymble: blocking misbehaving users in anonymizing networks
31. Computer supported collaborative learning (cscl)
32. Distributed csma algorithm for throughput and utility maximization in wireless networks
33. Equilibrium of heterogeneous congestion control: optimality and stability
34. A forceful system stack complementary in mass level multimedia systems
35. Continuous delivery message dissemination Problems under the multicasting communication mode
36. An Efficient Clustering Scheme to Exploit Hierarchical Data in Network Traffic Analysis
37. Probabilistic Packet Marking for Large Scale IP Trace back
38. Ktr control in broadcast services
39. Dos defense through web referrals
40. Sigfree: a signature-free buffer overflow attack blocker
41. Semifragility in watermark-based authentication system
42. Credit card fraud detection using genetic algorithm
43. Layered Approach Using Conditional Random Fields for Intrusion Detection
44. Detecting unauthorized modification of http communication with steganography
45. Distributed system of breast cancer in bio – informatics.

46. Software effort, quality and cycle time: a study of cmm level

47. Software quality modularization

48. Skyline query processing in p2pnetworks

49. Emart in optimal lot sizing policy

50. Image retrieval using virtual feature
ANDROID PROJECTS

1. Advanced gps location finder to identify hospital location and atm Location
2. Android event scheduler/reminder.
3. Expense manager.
4. Location based alarm.
5. Text editor.
6. Unit converter.
7. Google place finder.
8. Android leave management system.
9. Android student result analyzing system.
10. Cricket and football live data streaming in notification service.
11. Friend mapper on mobiles - friend locator.
12. Mobile travel guide - smart way to travel.
13. Gps location alert system.
15. Design & development of car parking and automation billing System's.
16. Furtilizer management system.
17. Micro credit banking on smartphone.
18. Bank account tracker for android
19. Employee directory.
22. Multy user mobile bluetooth two way text chat.
23. Online examination system for android.
24. Online shopping.
25. Smart money with daily expenses.


27. Android sms systems.

28. Restaurant table order management system

29. A mobile phone based medicine in-take reminder and monitor

30. Android grocery shopping list.
31. Cloudmov cloud-based mobile social tv.
32. Efficient online job searching.
33. Student attendance tracking system.
34. Tollgate payment system in android.

**PHP APPLICATION PROJECTS**

1. Question Answering System for an Effective Collaborative Learning.
2. Secured file Downloading system.
4. Searching a image from websites.
5. Statistical Entity Extraction from Web.
6. Tagging in online social networks.
7. Secured data Collection method.
12. Online Auction Bit
14. Freelancer Job.
15. Home appliances online purchase.
16. Human Insurance Administration
17. MNC Leave Management System
19. Online University.
20. System Purchasing Based Sales Analysis.
22. Vendor Information System for Shipping.
23. Web Based Learning System

**NON - IEEE**

1. Answering General Time-Sensitive Queries
2. Creating Evolving User Profiles Automatically
3. Outsourced Similarity Search On Metric Data Assets
4. Slicing: A New Approach For Privacy Preserving Data Publishing
5. Tree-Based Mining For Discovering Patterns Of Human Interaction In Meetings
6. Efficient De-duplication Techniques For Modern Backup Operation
7. A Personalized Ontology Model For Web Information Gathering
8. Extended XML Tree Pattern Matching: Theories And Algorithms
9. Decision Trees For Uncertain Data
10. New Approach To Quantification Of Privacy On Social Network Sites
11. Predicted Packet Padding For Anonymous Web Browsing Against Traffic Analysis Attacks (Java)
12. OPASS: A User Authentication Protocol Resistant To Password Stealing And Password Reuse Attacks (Java)
13. Rght: A Novel Hybrid IP Trace back Scheme
14. On The Security And Efficiency Of Content Distribution Via Network Coding
15. Packet-Hiding Methods For Preventing Selective Jamming Attacks
16. Risk-Aware Mitigation For Manet Routing Attacks
17. Spark-med: A Framework For Dynamic Integration Of Multimedia Medical Data Into Distributed M-Health Systems
18. Business-Owl (Bowl)—A Hierarchical Task Network Ontology For Dynamic Business Process Decomposition And Formulation
19. Channel Access Allocation For Scalable Video Transmission Over Contention-Based Wireless Networks
20. A Security Management Architecture For Supporting Routing Services On Wanets
21. Autonomic Placement Of Mixed Batch And Transactional Workloads
22. Enabling Public Audit Ability And Data Dynamics For Storage Security In Cloud Computing
23. A New Secure Route Discovery Protocol
24. Video Transmission Over Contention-Based Wireless Networks
25. Attacks Exploiting Social Networking Sites
26. New Key Management Approach For Broadcast And Multicast Services
27. Robust Correlation Of Encrypted Attack Traffic By Flow Watermarking
28. Secure Data Collection Using Mobile Data Collector
29. Measuring Semantic Similarity Between Words Using A Web Search Engine
30. Efficient Parallel Data Processing In The Cloud.
32. Cell Breathing Techniques For Load Balancing In Wireless Lans
34. Enforcing Minimum Cost Multicast Routing Against Selfish Information Flows
35. Secure And Policy Complaint Source Routing
36. Non-Orthogonal View Iris Recognition System
37. Nymble: Blocking Misbehaving Users In Anonymizing Networks
38. Special Issue On Intelligent And Innovative Support Systems For CSCL
39. A Distributed CSMA Algorithm For Throughput And Utility Maximization In Wireless Networks
40. Equilibriumofheterogeneouscongestioncontrol:Optimalityandstability
41. Entropy Based Adaptive Flow Aggregation
42. On The Design Of Distributed Object Placement And Load Balancing Strategies In Large Scale Networked Multimedia Storage Systems
43. Dynamic Routing With Security Considerations
44. Continuous Delivery Message Dissemination Problems Under The Multicasting Communication Mode
45. An Efficient Clustering Scheme To Exploit Hierarchical Data In Network Traffic Analysis
46. Probabilistic Packet Marking For Large Scale Ip Trace Back
47. KTR: An Efficient Key Management Scheme For Secure Data Access Control In Wireless Broadcast Services
48. Using Web-Referral Architectures To Mitigate Denial-Of-Service Threats
49. SIGFREE: A Signature-Free Buffer Overflow Attack Blocker
50. A Hypothesis Testing Approach To Semi Fragile Watermark-Based Authentication
51. Improving A Credit Card Fraud Detection System Using Genetic Algorithm
52. A New Data-Mining Based Approach For Network Intrusion Detection
53. Http Communication With Steganography
54. Adapting Post processing Techniques Of Associative Classification For Malware Detection
55. Small Stretch Routing Protocols For Large Wireless Sensor Networks
56. Video-Based No cooperative Iris Image Segmentation
58. Assessment Of The Risk Factors Of Coronary Heart Events Based On Data Mining With Decision Trees
59. Motion Human Detection Based On Background Subtraction
60. Digital Signature With Localization For Image Authentication
61. New Approach To Quantification Of Privacy On Social Network Sites
62. Calculation Of Software Effort, Quality And Cycle Time
63. Software Quality Modularization Using Api Metrics
64. Ontology Extraction For Knowledge Reuse: The E-Learning Perspective
65. Research On Spatial Data Mining Based On uncertainty In Government GIS
66. Efficient Skyline Computation In Structured Peer-To-Peer Systems
67. Optimal Lot Sizing Policies For Sequential Online Auctions
68. Long-Term Cross-Session Relevance Feedback Using Virtual Features
69. Consistent Object Sharing For Edge Services
70. Semantic Ideation Learning For Agent- Based E-Brainstorming
71. ATM Process Using Finger Print Recognition
72. Cryptographic Security For A High-Performance Distributed File System
73. Online Passport Registration With Security
74. E-Voting Based On Behavioral Straits
75. Online Registration For Telecom Training
76. E-Post Office System
77. Online Shopping Mall
78. Development of a Split Screen Application For The Data Entry Of The Shipments.
79. ERP System
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<th>Description</th>
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<td>81.</td>
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<td>High Resolution Animated Scenes From Stills</td>
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143. Image Super Resolution Using Support Vector Regression
144. A Coupled Statistical Model For Face Shape Recovery From Brightness Images
145. Image Processing
146. Medical Management System
147. Development of A Feature-Rich, Practical Online Application For The Training And Placement Department of the College
148. Text File Hiding In Audio (Wav) Files Using Low Bit Encoding Steganography
149. Savings and Credit Management System.
150. Airline Reservation System
151. Online Healthcare System
152. Hospital Management System
153. Income Tax Calculation
154. Steganography
155. Online Web Mart System For Jewellery Shop
156. Online Job Provider And Search Portal With Online Exam Maintenance
157. E-Shopping
158. College Administration Portal