

SPIRO PROJECTS



SPIRO

Solutions Pvt. Ltd



Research & Development Program (RDP)

Final Year Academic Project (FAP) in Software and Embedded Technologies

Application Development Program (ADP)

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**IEEE
PROJECT TITLES GUIDE**

2015-2016



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Corporate Office: - **SPIRO SOLUTIONS PVT. LTD.**, #78, 3rd Floor, Usman Road, T.Nagar, Chennai -17, (Upstairs of Hotel Saravana Bhavan) Mobile - 9791 044 044, 9176 644 044. E-Mail: projects@stupros.com, www.stupros.com **Our branches** : SALEM - 9176 615 615, ERODE - 9962 587 587, KOVAI-9176 648 648, TRICHY-9176 649 649, MADURAI-9176 657 657, NELLAI-9176 617 617, NAGERCOIL - 9176 658 658, NAMAKKAL - 9962 514 514, VELLORE - 9176 620 620, PONDICHERRY-9176 694 694, KANCHIPURAM - 9176 412 412, TANJORE - 9176 419 419, TRIVANDRUM - 09176 512 512



About Spiro

Spiro Solutions South India's leading Research & Development Organization. Over a decade, we are furnishing individuals in all technologies and domains by fulfilling their desires in Research & Development sector through efficient training methodologies. All our efforts are focused on students to meet industry requirements.

The global presence and reach attained by Spiro is not only substantiated by its presence, but also by the environment provided for the students. Since our environment is encapsulated with doctorates, professionals and other experts. Accordingly, we created a setting which enables student to recover from the existing learning processes and making them to be an intellect.

In our increasing globalization, Spiro moves forward to unite the desires of students and challenges of the future in R & D sector by improving the agility and enabling students to achieve sustainable growth over their rivalry. For future enhancement, industry based knowledge's are provided for students in various levels. To sum up, we are filling student necessities in all possible ways to make career brighter in their desired field.

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ANDROID

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
1	ITAD01	Distance-based Location Management Utilizing Initial Position for Mobile Communication Networks	2015
2	ITAD02	SBVLC: Secure Barcode-based Visible Light Communication for Smart phones	2015
3	ITAD03	Tap-Wave-Rub: Lightweight Human Interaction Approach to Curb Emerging Smartphone Malware	2015
4	ITAD04	Bluesaver: A Multi-PHY Approach to Smartphone Energy Savings	2015
5	ITAD05	A Step Counting Algorithm for Smartphone Users: Design and Implementation	2015
6	ITAD06	Examining the Relationship between Find Bugs Warnings and End User Ratings: A Case Study On 10,000 Android Apps	2015
7	ITAD07	Near-Field Communication: It Pays	2015
8	ITAD08	COVERT: Compositional Analysis of Android Inter-App Permission Leakage	2015
9	ITAD09	MyPace: An Integrative Health Platform for Supporting Weight Loss and Maintenance Behaviors	2015
10	ITAD10	Haptics-based Apps for Middle School Students with Visual Impairments	2015
11	ITAD11	Indoor Tracking using Undirected Graphical Models	2015
12	ITAD12	Unlocking Smart Phone through Handwaving Biometrics	2015
13	ITAD13	Automatic Stress Detection in Working Environments from Smartphones' Accelerometer Data: A First Step	2015
14	ITAD14	A Destination and Mobility Path Prediction Scheme for Mobile Networks	2015
15	ITAD15	Smart Diary: A Smartphone-Based Framework for Sensing, Inferring, and Logging Users' Daily Life	2015
16	ITAD16	The Impact of API Change- and Fault-Proneness on the User Ratings	2015

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		of Android Apps	
17	ITAD17	Stabilizing CPU Frequency and Voltage for Temperature-Aware DVFS in Mobile Devices	2015
18	ITAD18	A Smart Phone-Based Pocket Fall Accident Detection, Positioning, and Rescue System	2015
19	ITAD19	A Software Based Sonar Ranging Sensor for Smart Phones	2015
20	ITAD20	Impact on student motivation by using a QR-based U-Learning Material Production System to create authentic learning experiences	2015

JAVA

DOMAIN: IEEE TRANSACTIONS ON CLOUD COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
1.	ITJCC01	DROPS: Division and Replication of Data inCloud for Optimal Performance and Security	2015
2.	ITJCC02	Panda: Public Auditing for Shared Data with Efficient User Revocation in the Cloud	2015
3.	ITJCC03	Stealthy Denial of Service Strategy in Cloud Computing	2015
4.	ITJCC04	Identity-Based Distributed Provable DataPossession in Multicloud Storage	2015
5.	ITJCC05	An Intelligent Economic Approach for Dynamic Resource Allocation in Cloud Services	2015
6.	ITJCC06	Audit-Free Cloud Storage via DeniableAttribute-based Encryption	2015
7.	ITJCC07	Secure Auditing and Deduplicating Data in Cloud	2015
8.	ITJCC08	Privacy-Preserving Public Auditing forRegenerating-Code-Based Cloud Storage	2015
9.	ITJCC09	An efficient algorithm for the bursting of service-based applications in hybrid Clouds	2015
10.	ITJCC10	Agent-based Interactions and Economic Encounters in an Intelligent InterCloud	2015
11.	ITJCC11	SeDaSC: Secure Data Sharing in Clouds	2015

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12.	ITJCC12	T-broker: A Trust-aware Service Brokering Scheme for Multiple Cloud Collaborative Services	2015
13.	ITJCC13	A Secure and Dynamic Multi-keyword Ranked Search Scheme over Encrypted Cloud Data	2015
14.	ITJCC14	Identity-Based Encryption with Outsourced Revocation in Cloud Computing	2015
15.	ITJCC15	Predicting Days in Hospital Using Health Insurance Claims	2015
16.	ITJCC16	Secure and Verifiable Policy Update Outsourcing for Big Data Access Control in the Cloud	2015
17.	ITJCC17	A Secure Anti-Collusion Data Sharing Scheme For Dynamic Groups in the Cloud	2015
18.	ITJCC18	KASR: A Keyword-Aware Service Recommendation Method on Map Reduce for Big Data Applications	2014
19.	ITJCC19	A Hybrid Cloud Approach for Secure Authorized Deduplication	2014
20.	ITJCC20	Shared Authority Based Privacy-preserving Authentication Protocol in Cloud Computing	2014
21.	ITJCC21	Decreasing Impact of SLA Violations: A Proactive Resource Allocation Approach for Cloud Computing Environments	2014
22.	ITJCC22	Distributed, Concurrent, and Independent Access to Encrypted Cloud Databases	2014
23.	ITJCC23	Proactive Workload Management in Hybrid Cloud Computing	2014
24.	ITJCC24	Privacy-Preserving Multi-Keyword Ranked Search over Encrypted Cloud Data	2014
25.	ITJCC25	A Scalable Two-Phase Top-Down Specialization Approach for Data Anonymization Using Map Reduce on Cloud	2014
26.	ITJCC26	Lifelong Personal Health Data and Application Software via Virtual Machines in the Cloud	2014
27.	ITJCC27	Resource Availability Characteristics and Node Selection in Cooperatively Shared Computing Platforms	2014

DOMAIN: IEEE TRANSACTIONS ON DATA MINING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
28.	ITJDM01	k-Nearest Neighbor Classification over Semantically Secure Encrypted Relational Data	2015

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29.	ITJDM02	Dual Sentiment Analysis: Considering Two Sides of One Review	2015
30.	ITJDM03	Real-Time City-Scale Taxi Ridesharing	2015
31.	ITJDM04	Relevance Feature Discovery for Text Mining	2015
32.	ITJDM05	RRW—A Robust and Reversible Watermarking Technique for Relational Data	2015
33.	ITJDM06	An Internal Intrusion Detection and Protection System by Using Data Mining and Forensic Techniques	2015
34.	ITJDM07	Relational Collaborative Topic Regression for Recommender Systems	2015
35.	ITJDM08	A Novel Data-Mining Approach Leveraging Social Media to Monitor Consumer Opinion of Sitagliptin	2015
36.	ITJDM09	Malware Propagation in Large-Scale Networks	2015
37.	ITJDM10	Understanding User Intents in Online Health Forums	2015
38.	ITJDM11	A Query Approach for Influence Maximization on Specific Users in Social Networks	2015
39.	ITJDM12	Best Keyword Cover Search	2015
40.	ITJDM13	Differentially Private Frequent Itemset Mining via Transaction Splitting	2015
41.	ITJDM14	Learning to Rank Using User Clicks and Visual Features for Image Retrieval	2015
42.	ITJDM15	TRIP: An Interactive Retrieving-Infering Data Imputation Approach	2015
43.	ITJDM16	Probabilistic Aspect Mining Model for DrugReviews	2014
44.	ITJDM17	Supporting Privacy Protection in Personalized Web Search	2014
45.	ITJDM18	PSMPA: Patient Self-controllable and Multi-level Privacy-preserving Cooperative Authentication in Distributed m-Healthcare Cloud Computing System	2014
46.	ITJDM19	A Fuzzy Preference Tree-Based Recommender System for Personalized Business-to-Business E-Services	2014
47.	ITJDM20	OCCT: A One-Class Clustering Tree for Implementing One-to-Many Data Linkage	2014
48.	ITJDM21	Scalable Keyword Search on Large RDF Data	2014
49.	ITJDM22	Task Trail: An Effective Segmentation of User Search Behavior	2014
50.	ITJDM23	Building Confidential and Efficient Query Services in the Cloud with RASP Data Perturbation	2014
51.	ITJDM24	Automatic Generation of the Domain Module from Electronic Textbooks: Method and Validation	2014

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DOMAIN: IEEE TRANSACTIONS ON NETWORK SECURITY

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
52.	ITJNS01	Improving Privacy and Security in Decentralized Ciphertext-Policy Attribute-Based Encryption	2015
53.	ITJNS02	Secure Network Coding With Erasures and Feedback	2015
54.	ITJNS03	Big data, big knowledge: big data for personalised healthcare	2015
55.	ITJNS04	A Survey of Security Attacks in Information-Centric Networking	2015
56.	ITJNS05	Secure and Anonymous Communication Technique: Formal Model and its Prototype Implementation	2015
57.	ITJNS06	Group Key Agreement with Local Connectivity	2015
58.	ITJNS07	Analysis of a “/0” Stealth Scan From a Botnet	2015
59.	ITJNS08	Neighbor Similarity Trust against SybilAttack in P2P E-Commerce	2015
60.	ITJNS09	Securing Broker-Less Publish/SubscribeSystems Using Identity-Based Encryption	2014
61.	ITJNS10	Private Searching on Streaming Data Based on Keyword Frequency	2014
62.	ITJNS11	Building a Scalable System for StealthyP2P-Botnet Detection	2014
63.	ITJNS12	The Client Assignment Problem for ContinuousDistributed Interactive Applications: Analysis,Algorithms, and Evaluation	2014

DOMAIN: IEEE TRANSACTIONS ON NETWORKING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
64.	ITJNW01	LIVE: Lightweight Integrity Verification and Content Access Control for Named Data Networking	2015
65.	ITJNW02	Response Time Based Optimal Web Service Selection	2015
66.	ITJNW03	ASN: A Dynamic Barrier-Based Approach to Confirmation of Deadlocks from Warnings for Large-Scale Multithreaded Programs	2015
67.	ITJNW04	Software Puzzle: A Countermeasure to Resource-Inflated Denial-of-Service Attacks	2015
68.	ITJNW05	Contributory Broadcast Encryption with Efficient Encryption and Short Cipher texts	2015
69.	ITJNW06	Reputation Aggregation in Peer-to-Peer Network Using Differential Gossip Algorithm	2015

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70.	ITJNW07	VoteTrust: Leveraging Friend Invitation Graph to Defend against Social Network Sybils	2015
71.	ITJNW08	Authenticated Key Exchange Protocols for Parallel Network File Systems	2015
72.	ITJNW09	Secure Data Retrieval for Decentralized Disruption-Tolerant Military Networks	2014
73.	ITJNW10	A Model Approach to the Estimation of Peer-to-Peer Traffic Matrices	2014
74.	ITJNW11	Network Aware Scheduling for Virtual Machine Workloads with Interference Models	2014
75.	ITJNW12	Cloning, Resource Exchange, and Relation Adaptation: An Integrative Self-Organisation Mechanism in a Distributed Agent Network	2014

DOMAIN: IEEE TRANSACTIONS ON SOFTWARE ENGINEERING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
76.	ITJSW01	INSPIRE: A Framework for Incremental Spatial Prefix Query Relaxation	2015
77.	ITJSW02	Discovery of Ranking Fraud for Mobile Apps	2015
78.	ITJSW03	Extracting Development Tasks to Navigate Software Documentation	2015
79.	ITJSW04	Online Feature Selection and Its Applications	2014
80.	ITJSW05	Continuous and Transparent User Identity Verification for Secure Internet Services	2014

DOMAIN: IEEE TRANSACTIONS ON MOBILE COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
81.	ITJMC01	Maximizing P2P File Access Availability in Mobile Ad Hoc Networks through Replication for Efficient File Sharing	2015
82.	ITJMC02	Towards Maximizing Timely Content Delivery in Delay Tolerant Networks	2015
83.	ITJMC03	Relay-assisted Multiple Access with Full-duplex Multi-Packet Reception	2015
84.	ITJMC04	Defending Against Collaborative Attacks by Malicious Nodes in MANETs: A Cooperative Bait Detection Approach	2015
85.	ITJMC05	Joint Virtual MIMO and Data Gathering for Wireless Sensor Networks	2015

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86.	ITJMC06	Efficient Rekeying Framework for SecureMulticast with Diverse-Subscription-PeriodMobile Users	2014
87.	ITJMC07	Distributed Detection in Mobile Access WirelessSensor Networks UnderByzantine Attacks	2014
88.	ITJMC08	Achieving Maximum Throughput in RandomAccess Protocols with Multipacket Reception	2014

DOMAIN: IEEE TRANSACTIONS ON IMAGE PROCESSING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
89.	ITJIM01	Low-Complexity Multiclass Encryption by Compressed Sensing	2015
90.	ITJIM02	Semantic Sparse Recoding of Visual Content for Image Applications	2015
91.	ITJIM03	High Capacity Reversible Data Hiding in EncryptedImages by Patch-Level Sparse Representation	2015
92.	ITJIM04	Steganography Using Reversible Texture Synthesis	2015
93.	ITJIM05	Measures of Effective Video Tracking	2014
94.	ITJIM06	Object-Oriented Shadow Detection and RemovalFrom Urban High-ResolutionRemote Sensing Images	2014

DOMAIN: IEEE TRANSACTIONS ON GRID COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
95.	ITJGC01	A Privacy-Preserving Scheme for Incentive-Based Demand Response in the Smart Grid	2015
96.	ITJGC02	Machine Learning Methods for AttackDetection in the Smart Grid	2015
97.	ITJGC03	Rateless Codes and Random Walks for P2P Resource Discovery in Grids	2014

DOMAIN: IEEE TRANSACTIONS ON MULTI MEDIA

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
98.	ITJMM01	Image Search Reranking With Hierarchical Topic Awareness	2015
99.	ITJMM02	Query Difficulty Estimation for Image Search With Query Reconstruction Error	2015
100.	ITJMM03	Learning Consistent Feature Representation for Cross-Modal Multimedia Retrieval	2015

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101.	ITJMM04	Uniform Embedding for Efficient JPEGSteganography	2014
J2EE			
S.NO	PROJECT CODE	PROJECT TITLES	YEAR
102.	ITJ2EE01	k-Nearest Neighbor Classification over Semantically Secure Encrypted Relational Data	2015
103.	ITJ2EE02	Dual Sentiment Analysis: Considering Two Sides of One Review	2015
104.	ITJ2EE03	Real-Time City-Scale Taxi Ridesharing	2015
105.	ITJ2EE04	Relevance Feature Discovery for Text Mining	2015
106.	ITJ2EE05	RRW—A Robust and Reversible WatermarkingTechnique for Relational Data	2015
107.	ITJ2EE06	An Internal Intrusion Detection and Protection System by Using Data Mining and Forensic Techniques	2015
108.	ITJ2EE07	Relational Collaborative Topic Regression for Recommender Systems	2015
109.	ITJ2EE08	A Novel Data-Mining Approach Leveraging Social Media to Monitor Consumer Opinion of Sitagliptin	2015
110.	ITJ2EE09	Malware Propagation in Large-Scale Networks	2015
111.	ITJ2EE10	Understanding User Intents in Online Health Forums	2015
112.	ITJ2EE11	A Query Approach for Influence Maximization on Specific Users in Social Networks	2015
113.	ITJ2EE12	Best Keyword Cover Search	2015
114.	ITJ2EE13	Differentially Private Frequent Itemset Mining via Transaction Splitting	2015
115.	ITJ2EE14	Learning to Rank Using User Clicks and Visual Features for Image Retrieval	2015
116.	ITJ2EE15	TRIP: An Interactive Retrieving-Infering Data Imputation Approach	2015
117.	ITJ2EE16	Probabilistic Aspect Mining Model for DrugReviews	2014
118.	ITJ2EE17	Supporting Privacy Protection in PersonalizedWeb Search	2014
119.	ITJ2EE18	PSMPA: Patient Self-controllable andMulti-level Privacy-preserving CooperativeAuthentication in Distributed m-HealthcareCloud Computing System	2014

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120.	ITJ2EE19	A Fuzzy Preference Tree-Based Recommender System for Personalized Business-to-Business E-Services	2014
121.	ITJ2EE20	OCCT: A One-Class Clustering Tree for Implementing One-to-Many Data Linkage	2014
122.	ITJ2EE21	Scalable Keyword Search on Large RDF Data	2014
123.	ITJ2EE22	Task Trail: An Effective Segmentation of User Search Behavior	2014
124.	ITJ2EE23	Building Confidential and Efficient Query Services in the Cloud with RASPDData Perturbation	2014
125.	ITJ2EE24	Automatic Generation of the Domain Module from Electronic Textbooks: Method and Validation	2014

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DOTNET

DOMAIN: IEEE TRANSACTIONS ON CLOUD COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
1.	ITDCC01	A Scalable and Reliable Matching Service for Content-Based Publish/Subscribe Systems	2015
2.	ITDCC02	Exploiting Rate less Codes in Cloud Storage Systems	2015
3.	ITDCC03	MonPaaS: An Adaptive Monitoring Platform as a Service for Cloud Computing Infrastructures and Services	2015
4.	ITDCC04	Control Cloud Data Access Privilege and Anonymity With Fully Anonymous Attribute-Based Encryption	2015
5.	ITDCC05	HireSome-II: Towards Privacy-Aware Cross-Cloud Service Composition for Big Data Applications	2015
6.	ITDCC06	Effective Cost Reduction for Elastic Clouds under Spot Instance Pricing Through Adaptive Check pointing	2015
7.	ITDCC07	A Hybrid Cloud Approach for Secure Authorized Deduplication	2015
8.	ITDCC08	Enabling Cloud Storage Auditing With Key-Exposure Resistance	2015
9.	ITDCC09	Scalable Transaction Management with Snapshot Isolation for NoSQL Data Storage Systems	2015
10.	ITDCC10	Public Integrity Auditing for Shared Dynamic Cloud Data with Group User Revocation	2015
11.	ITDCC11	TEES: An Efficient Search Scheme over Encrypted Data on Mobile Cloud	2015
12.	ITDCC12	Orchestrating Bulk Data Transfers across Geo-Distributed Datacenters	2015
13.	ITDCC13	SAE: Toward Efficient Cloud Data Analysis Service for Large-Scale Social Networks	2015
14.	ITDCC14	Cloud-based Utility Service Framework for Trust Negotiations using Federated Identity Management	2015
15.	ITDCC15	Implementing Design Diversity Using Portfolio Thinking to Dynamically and Adaptively Manage the Allocation of Web Services in the Cloud	2015

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16.	ITDCC16	Cost-Effective Authentic and Anonymous Data Sharing with Forward Security	2015
17.	ITDCC17	Real-time Semantic Search using Approximate Methodology for Large-scale Storage Systems	2015
18.	ITDCC18	PACK: Prediction-Based Cloud Bandwidth and Cost Reduction System	2014
19.	ITDCC19	Dynamic Multiservice Load Balancing in Cloud-Based Multimedia System	2014
20.	ITDCC20	Panda: Public Auditing for Shared Data with Efficient User Revocation in the Cloud	2014
21.	ITDCC21	Strategic Management of Cloud Computing Services: Focusing on Consumer Adoption Behavior	2014
22.	ITDCC22	System of Systems for Quality-of-Service Observation and Response in Cloud Computing Environments	2014
23.	ITDCC23	Automating Cloud Services Life Cycle through Semantic Technologies	2014
24.	ITDCC24	Cloud-Assisted Mobile-Access of Health Data With Privacy and Audit ability	2014
25.	ITDCC25	Performance and cost evaluation of an adaptive encryption architecture for cloud databases	2014
26.	ITDCC26	Deadline based Resource Provisioning and Scheduling Algorithm for Scientific Workflows on Clouds	2014
27.	ITDCC27	Identity-Based Distributed Provable Data Possession in Multi-Cloud Storage	2014

DOMAIN: IEEE TRANSACTIONS ON DATA MINING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
28.	ITDDM01	Web-Based Medical Decision Support Systems for Three-Way Medical Decision Making With Game-Theoretic Rough Sets	2015
29.	ITDDM02	Co-Extracting Opinion Targets and Opinion Words from Online Reviews Based on the Word Alignment Model	2015
30.	ITDDM03	Fast Best-Effort Search on Graphs with Multiple Attributes	2015
31.	ITDDM04	HOCTracker: Tracking the Evolution of Hierarchical and Overlapping Communities in Dynamic Social Networks	2015
32.	ITDDM05	Joint Local and Global Consistency on Interdocument and Interword Relationships for Co-Clustering	2015

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33.	ITDDM06	Using Semantic Web Technologies for Exploratory OLAP: A Survey	2015
34.	ITDDM07	Towards Effective Bug Triage with Software Data Reduction Techniques	2015
35.	ITDDM08	Network-Based Modeling and Intelligent Data Mining of Social Media for Improving Care	2015
36.	ITDDM09	On Summarization and Timeline Generation for Evolutionary Tweet Streams	2015
37.	ITDDM10	PPSGen: Learning-Based Presentation Slides Generation for Academic Papers	2015
38.	ITDDM11	Discovering Latent Semantics in Web Documents using Fuzzy Clustering	2015
39.	ITDDM12	Diversifying Web Service Recommendation Results via Exploring Service Usage History	2015
40.	ITDDM13	Pattern-based Topics for Document Modelling in Information Filtering	2015
41.	ITDDM14	Neural Control of a Tracking Task via Attention-Gated Reinforcement Learning for Brain-Machine Interfaces	2015
42.	ITDDM15	Bridging the Vocabulary Gap between Health Seekers and Healthcare Knowledge	2015
43.	ITDDM16	Investigating QoS of Real-World Web Services	2014
44.	ITDDM17	CoDe Modeling of Graph Composition for Data Warehouse Report Visualization	2014
45.	ITDDM18	Probability of Severe Adverse Events as a Function of Hospital Occupancy	2014
46.	ITDDM19	Using data merging techniques for generating multi-document summarizations	2014
47.	ITDDM20	Motif-based Hyponym Relation Extraction from Wikipedia Hyperlinks	2014
48.	ITDDM21	Active Learning of Constraints for Semi-Supervised Clustering	2014

DOMAIN: IEEE TRANSACTIONS ON NETWORK SECURITY

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
49.	ITDNS01	Passive IP Trace back: Disclosing the Locations of IP Spoofers From Path Backscatter	2015
50.	ITDNS02	Achieving Flatness: Selecting the Honey words from Existing User Passwords	2015

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51.	ITDNS03	Inference Attack on Browsing History of Twitter Users using Public Click Analytics and Twitter Metadata	2015
52.	ITDNS04	An Authenticated Trust and Reputation Calculation and Management System for Cloud and Sensor Networks Integration	2015
53.	ITDNS05	Fault Attacks on Pairing-Based Protocols Revisited	2015
54.	ITDNS06	A Survey of Securing Networks Using Software Defined Networking	2015
55.	ITDNS07	A Novel En-Route Filtering Scheme Against False Data Injection Attacks in Cyber-Physical Networked Systems	2015
56.	ITDNS08	Circuit Ciphertext-policy Attribute-based Hybrid Encryption with Verifiable Delegation in Cloud Computing	2015
57.	ITDNS09	Secure Ordered Bucketization	2014
58.	ITDNS10	Privacy-Preserving Clinical Decision Support System Using Gaussian Kernel-Based Classification	2014
59.	ITDNS11	Sybil Belief: A Semi-supervised Learning Approach for Structure-based Sybil Detection	2014
60.	ITDNS12	Structural Diversity for Resisting Community Identification in Published Social Networks	2014

DOMAIN: IEEE TRANSACTIONS ON NETWORKING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
61.	ITDNW01	Scheduling in Networks With Time-Varying Channels and Reconfiguration Delay	2015
62.	ITDNW02	Performance-Oriented Partitioning for Task Scheduling of Parallel Reconfigurable Architectures	2015
63.	ITDNW03	A Self-Adaptive Strategy for Evolution of Cooperation in Distributed Networks	2015
64.	ITDNW04	An Efficient and Trustworthy P2P and Social Network Integrated File Sharing System	2015
65.	ITDNW05	A Computational Dynamic Trust Model for User Authorization	2015
66.	ITDNW06	MTAF: An Adaptive Design for Keyword-Based Content Dissemination on DHT Networks	2015
67.	ITDNW07	Reducing Fragmentation for In-line Deduplication Backup Storage via Exploiting Backup History and Cache Knowledge	2015
68.	ITDNW08	Toward Better Quality of Service Composition Based on a Global	2015

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		Social Service Network	
69.	ITDNW09	Reservation-Based Packet Buffers with Deterministic Packet Departures	2014
70.	ITDNW10	Efficient and Scalable Metadata Management in EB-scale File Systems	2014
71.	ITDNW11	DTN-FLOW: Inter-Landmark Data Flow for High-Throughput Routing in DTNs	2014
72.	ITDNW12	Trust Management for Defending On-off Attacks	2014

DOMAIN: IEEE TRANSACTIONS ON SOFTWARE ENGINEERING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
73.	ITDSW01	Instance Generator and Problem Representation to Improve Object Oriented Code Coverage	2015
74.	ITDSW02	Investigating Country Differences in Mobile App User Behavior and Challenges for Software Engineering	2015
75.	ITDSW03	Program Characterization Using Runtime Values and Its Application to Software Plagiarism Detection	2015
76.	ITDSW04	Coverage-based testing for Service Level Agreements	2014
77.	ITDSW05	Improved Evolutionary Algorithm Design for the Project Scheduling Problem Based on Runtime Analysis	2014
78.	ITDSW06	Determination of Weights for Multiobjective Decision Making or Machine Learning	2014

DOMAIN: IEEE TRANSACTIONS ON MOBILE COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
79.	ITDMC01	Friend book: A Semantic-Based Friend Recommendation System for Social Networks	2015
80.	ITDMC02	The Mason Test: A Defense Against Sybil Attacks in Wireless Networks Without Trusted Authorities	2015
81.	ITDMC03	Privacy-Preserving and Truthful Detection of Packet Dropping Attacks in Wireless Ad Hoc Networks	2015
82.	ITDMC04	Influence Maximization on Large-Scale Mobile Social Network: A Divide-and-Conquer Method	2015
83.	ITDMC05	CoCoWa: A Collaborative Contact-Based Watchdog for Detecting Selfish Nodes	2015

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84.	ITDMC06	STARS: A Statistical Traffic Pattern Discovery System for MANETs	2014
85.	ITDMC07	Efficient Authentication for Mobile and Pervasive Computing	2014
86.	ITDMC08	Real-Time Misbehavior Detection in IEEE 802.11-Based Wireless Networks: An Analytical Approach	2014

DOMAIN: IEEE TRANSACTIONS ON IMAGE PROCESSING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
87.	ITDIM01	BSIFT: Toward Data-Independent Codebook for Large Scale Image Search	2015
88.	ITDIM02	Content-Based Image Retrieval Using Features Extracted From Half toning-Based Block Truncation Coding	2015
89.	ITDIM03	An Attribute-Assisted Reranking Model for Web Image Search	2015
90.	ITDIM04	SLED: Semantic Label Embedding Dictionary Representation for Multilabel Image Annotation	2015
91.	ITDIM05	Web Image Re-Ranking Using Query Specific Semantic Signatures	2014
92.	ITDIM06	Compressing Encrypted Images with Auxiliary Information	2014

DOMAIN: IEEE TRANSACTIONS ON GRIDCOMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
93.	ITDGC01	Performability Evaluation of Grid Environments Using Stochastic Reward Nets	2015
94.	ITDGC02	A Secure Cloud Computing Based Framework for Big Data Information Management of Smart Grid	2015
95.	ITDGC03	Resource Selection for Tasks with Time Requirements Using Spectral Clustering	2014

DOMAIN: IEEE TRANSACTIONS ON MULTI MEDIA

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
96.	ITDMM01	Multimedia Summarization for Social Events in Microblog Stream	2015
97.	ITDMM02	Cross-Domain Feature Learning in Multimedia	2015
98.	ITDMM03	Contextual Online Learning for Multimedia Content Aggregation	2015
99.	ITDMM04	Weakly Supervised Multi-Graph Learning for Robust Image Reranking	2014
100.	ITDMM05	Augmenting Image Descriptions Using Structured Prediction Output	2014

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Education Partners:



Technologies and Domain used:

IEEE 2014, Java, J2ee, Android, Dot net, PHP, Embedded, Vlsi, Matlab, VB, Net working, Data Mining, Image Processing, Cloud Computing, Mobile Computing, Multimedia, Network Security, Soft Engg, Grid Computing, Automation, Robotics, Communication, RF, Zigbee, Blue tooth, GSM/GPS/GPRS, Power Electronics & Systems, Electrical, DSP, RTOS, Bio metrics, etc.

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