SPIRO

Solutions Pvt. Ltd

- Research & Development Program (RDP)

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

- Application Development Program (ADP)

IEEE
PROJECT TITLES GUIDE
2016-2017

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About Spiro

Spiro Group of Companies 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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BIGDATA

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
1	ITBD01	Satisficing Game Approach to Collaborative DecisionMaking Including Airport Management	2016
2	ITBD02	Predicting Student Performance Using Personalized Analytics	2016
3	ITBD03	Visual Exploration of Changes in Passenger Flows and Tweets on Mega-City Metro Network	2016
4	ITBD04	Personalized Travel Sequence Recommendation on Multi-Source Big Social Media	2016
5	ITBD05	Clustering of Electricity Consumption Behavior Dynamics toward BigData Applications	2016
6	ITBD06	Scientific Article Recommendation: Exploiting Common Author Relations and Historical Preferences	2016
7	ITBD07	Feedback Autonomic Provisioning for Guaranteeing Performance in MapReduce Systems	2016
8	ITBD08	FiDoop-DP: Data Partitioning in Frequent Itemset Mining on Hadoop Clusters	2016
9	ITBD09	A Guide to Climate Datasets: Summary and Research Challenges	2016
10	ITBD10	H2Hadoop: Improving Hadoop Performance using theMetadata of Related Jobs	2016

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S.NO	PROJECT CODE	PROJECT TITLES	YEAR
		ANDROID	
1	ITAD01	One-Round Privacy-Preserving Meeting Location Determination for Smartphone Applications	**2016**
2	ITAD02	Inverted Linear Quadtree: Efficient Top K Spatial Keyword Search	**2016**
3	ITAD03	Two-Factor Data Security Protection Mechanism for Cloud Storage System	**2016**
4	ITAD04	ICCDetector: ICC-Based Malware Detection on Android	**2016**
5	ITAD05	Developing Dependable and Secure Cloud Applications	**2016**
6	ITAD06	Conflict-Aware Event-Participant Arrangement and Its Variant for Online Setting	**2016**
7	ITAD07	Seeing Is Believing: Sharing Real-time Visual Traffic Information via Vehicular Clouds	**2016**
8	ITAD08	Privacy Protection for Preventing DataOver-Collection in Smart City	**2016**
		Encrypted Data Management with DE duplication in	**2016**

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9	ITAD09	Cloud Computing	
10	ITAD10	Predicting Instructor Performance Using Data Mining Techniques in Higher Education	
11	ITAD11	Smartphone-based Human Fall Detection System	2016
12	ITAD12	AMTS: Adaptive Multi-Objective Task Scheduling Strategy in Cloud Computing	2016
13	ITAD13	Real-Time Charging Station Recommendation System for Electric-Vehicle Taxis	2016
14	ITAD14	Energy-efficient Adaptive Resource Management for Real-time Vehicular Cloud Services	2016
15	ITAD15	An Energy-Efficient Train Control Framework for Smart Railway Transportation	2016
16	ITAD16	Efficient and Privacy-preserving Polygons Spatial Query Framework for Location-based Services	2016
17	ITAD17	SecRBAC: Secure data in the Clouds	2016
18	ITAD18	A Survey on Trajectory Data Mining: Techniques and Applications	2016
19	ITAD19	An Online Mechanism for Resource Allocation and Pricing in Clouds	2016
		A Debate and Decision-Making Tool for Enhanced	2016

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20	ITAD20	Learning	
21	ITAD21	Modeling and Analysis of Ward Patient Rescue Process on the Hospital Floor	2016
22	ITAD22	Service Rating Prediction by Exploring Social Mobile Users' Geographical Locations	2016
23	ITAD23	Mobile Medical Data Synchronization on Cloud-Powered Middleware Platform	2016
24	ITAD24	Fake-Mask: A Novel Privacy Preserving Approach for Smartphones	2016
25	ITAD25	Privacy-Preserving Location Sharing Services for Social Networks	2016
26	ITAD26	Two level QR code for private message sharing and document authentication	2016
27	ITAD27	A Two-Layer Model for Taxi Customer Searching Behaviors Using GPS Trajectory Data	2016
28	ITAD28	Vehicle Localization and Velocity Estimation Based on Mobile Phone Sensing	2016
29	ITAD29	Drive Now, Text Later: NonintrusiveTexting-while-Driving Detection using Smartphones	2016
30	ITAD30	Evaluating the Effects of Scripted Distributed Pair Programming on Student Performance and Participation	2016
		Bluesaver: A Multi-PHY Approach toSmartphone Energy	2015

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31	ITAD31	Savings	
32	ITAD32	A Step Counting Algorithm for Smartphone Users: Design and Implementation	2015
33	ITAD33	Examining the Relationship between Find Bugs Warnings and End User Ratings: A Case Study On 10,000 Android Apps	2015
34	ITAD34	COVERT: Compositional Analysis of Android Inter-App Permission Leakage	2015
35	ITAD35	MyPace: An Integrative Health Platformfor Supporting Weight Loss and Maintenance Behaviors	2015
36	ITAD36	Haptics-based Apps for Middle School Students with Visual Impairments	2015
37	ITAD37	Unlocking Smart Phone through Handwaving Biometrics	2015
38	ITAD38	A Destination and Mobility Path Prediction Scheme for Mobile Networks	2015
39	ITAD39	Smart Diary: A Smartphone-Based Framework for Sensing, Inferring, and Logging Users' Daily Life	2015
40	ITAD40	The Impact of API Change- and Fault-Proneness on the User Ratings of Android Apps	2015
41	ITAD41	Stabilizing CPU Frequency and Voltage for Temperature-Aware DVFS in Mobile Devices	2015
42	ITAD42	A Smart Phone-Based Pocket Fall Accident Detection, Positioning, and Rescue System	2015

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43	ITAD43	A Software Based Sonar Ranging Sensor for Smart Phones	**2015**
44	ITAD44	Impact on student motivation by using a QR-based U-Learning Material Production System to create authentic learning experiences	**2015**
45	ITAD45	Distance-based Location Management Utilizing Initial Position for Mobile Communication Networks	**2015**
46	ITAD46	SBVLC: Secure Barcode-based Visible Light Communication for Smart phones	**2015**
47	ITAD47	Tap-Wave-Rub: Lightweight Human Interaction Approach to Curb Emerging Smartphone Malware	**2015**

JAVA

DOMAIN: IEEE TRANSACTIONS ON CLOUD COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
1	ITJCC01	MetaSync: Coordinating Storage Across Multiple File Synchronization Services	**2016**
2	ITJCC02	CDStore: Toward Reliable, Secure, and Cost-Efficient Cloud Storage via Convergent Dispersal	**2016**
3	ITJCC03	Ensuring Cloud data reliability with minimum replication by proactive replica checking	**2016**

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4	ITJCC04	Cryptoleq: A Heterogeneous Abstract Machine for Encrypted and Unencrypted Computation	**2016**
5	ITJCC05	RepCloud: Attesting to Cloud Service Dependency	**2016**
6	ITJCC06	Dynamic and Public Auditing with Fair Arbitration for Cloud Data	**2016**
7	ITJCC07	Publicly Verifiable Inner Product Evaluation over Outsourced Data Streams under Multiple Keys	**2016**
8	ITJCC08	Identity-Based Proxy-Oriented Data Uploading and Remote Data Integrity Checking in Public Cloud	**2016**
9	ITJCC09	A Multiqueue Interlacing Peak Scheduling MethodBased on Tasks' Classification in Cloud Computing	**2016**
10	ITJCC10	SCLPV: Secure Certificateless Public Verificationfor Cloud-Based Cyber-Physical-SocialSystems Against Malicious Auditors	**2016**
11	ITJCC11	Self-Tuning Service Provisioning for Decentralized Cloud Applications	**2016**
12	ITJCC12	DeyPoS: Deduplicatable Dynamic Proof of Storage for Multi-User Environments	**2016**
13	ITJCC13	Dual-Server Public-Key Encryption with Keyword Search for Secure Cloud Storage	**2016**
14	ITJCC14	LazyCtrl: A Scalable Hybrid Network Control Plane Design for Cloud Data Centers	**2016**
15	ITJCC15	Protecting Your Right:Verifiable Attribute-based Keyword Search with Fine-grained Owner-enforced Search Authorization in the Cloud	**2016**

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16	ITJCC16	Multi-authority proxy re-encryption based on CPABE forcloud storage systems	**2016**
17	ITJCC17	Trust is Good, Control is Better: Creating Secure Clouds by Continuous Auditing	**2016**
18	ITJCC18	A Protocol for Preventing Insider Attacks inUntrusted Infrastructure-as-a-Service Clouds	**2016**
19	ITJCC19	Cloud workflow scheduling with deadlines and time slot availability	**2016**
20	ITJCC20	Automatically Enforcing Security SLAs in the Cloud	**2016**
21	ITJCC21	Flexible and Fine-Grained Attribute-Based Data Storage in Cloud Computing	**2016**
22	ITJCC22	EPAS: A Sampling Based Similarity Identification Algorithm for the Cloud	**2016**
23	ITJCC23	Secure Data Sharing in Cloud Computing Using Revocable-Storage Identity-Based Encryption	**2016**
24	ITJCC24	A Tutorial on Secure Outsourcing of Large-scale Computations for Big Data	**2016**
25	ITJCC25	A Combinatorial Auction Mechanism for Multiple Resource Procurement in Cloud Computing	**2016**
26	ITJCC26	Software-Defined Networking (SDN) and Distributed Denial of Service (DDoS) Attacks in Cloud Computing Environments: A Survey, Some Research Issues, and	**2016**

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		Challenges	
27	ITJCC27	Privacy Preserving Ranked Multikeyword Search ForMultiple Data Owners In Cloud Computing	**2016**
28	ITJCC28	CloudArmor: Supporting Reputation-based Trust Management for Cloud Services	**2016**
29	ITJCC29	Coral: a Cloud-Backed Frugal File System	**2016**
30	ITJCC30	DiploCloud: Efficient and Scalable Management of RDF Data in the Cloud	**2016**
31	ITJCC31	DROPS: Division and Replication of Data in Cloud for Optimal Performance and Security	**2015**
32	ITJCC32	Panda: Public Auditing for Shared Data with Efficient User Revocation in the Cloud	**2015**
33	ITJCC33	Stealthy Denial of Service Strategy in Cloud Computing	**2015**
34	ITJCC34	Identity-Based Distributed Provable Data Possession in Multicloud Storage	**2015**
35	ITJCC35	An Intelligent Economic Approach for Dynamic Resource Allocation in Cloud Services	**2015**
36	ITJCC36	Audit-Free Cloud Storage via DeniableAttribute-based Encryption	**2015**

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37	ITJCC37	Secure Auditing and Deduplicating Data in Cloud	2015
38	ITJCC38	Privacy-Preserving Public Auditing for Regenerating-Code-Based Cloud Storage	2015
39	ITJCC39	An efficient algorithm for the bursting of service-based applications in hybrid Clouds	2015
40	ITJCC40	Agent-based Interactions and Economic Encounters in an Intelligent Inter Cloud	2015
41	ITJCC41	SeDaSC: Secure Data Sharing in Clouds	2015
42	ITJCC42	T-*broker*: A Trust-aware Service Brokering Scheme for Multiple Cloud Collaborative Services	2015
43	ITJCC43	A Secure and Dynamic Multi-keyword Ranked Search Scheme over Encrypted Cloud Data	2015
44	ITJCC44	Identity-Based Encryption with Outsourced Revocation in Cloud Computing	2015
45	ITJCC45	Predicting Days in Hospital Using Health Insurance Claims	2015

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46	ITJCC46	Secure and Verifiable Policy Update Outsourcing for Big Data Access Control in the Cloud	**2015**
47	ITJCC47	A Secure Anti-Collusion Data Sharing Scheme For Dynamic Groups in the Cloud	**2015**
48	ITJCC48	KASR: A Keyword-Aware Service Recommendation Method on Map Reduce for Big Data Applications	**2014**
49	ITJCC49	A Hybrid Cloud Approach for Secure AuthorizedDeduplication	**2014**
50	ITJCC50	Shared Authority Based Privacy-preserving Authentication Protocol in Cloud Computing	**2014**
51	ITJCC51	Decreasing Impact of SLA Violations: A Proactive Resource Allocation Approach for Cloud Computing Environments	**2014**
52	ITJCC52	Distributed, Concurrent, and Independent Access to Encrypted Cloud Databases	**2014**
53	ITJCC53	Proactive Workload Management in Hybrid Cloud Computing	2014
54	ITJCC54	Privacy-Preserving Multi-Keyword RankedSearch over Encrypted Cloud Data	**2014**
55	ITJCC55	A Scalable Two-Phase Top-Down Specialization Approach for Data Anonymization Using Map Reduce on Cloud	**2014**

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S.NO	PROJECT CODE	PROJECT TITLES	YEAR
56	ITJCC56	Lifelong Personal Health Data and Application Software via Virtual Machines in the Cloud	**2014**
57	ITJCC57	Resource Availability Characteristics and Node Selection in Cooperatively Shared Computing Platforms	**2014**

DOMAIN: IEEE TRANSACTIONS ON DATAMINING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
58	ITJDM01	Privacy-Preserving Utility Verification of the Data Published by Non-interactive Differentially Private Mechanisms	**2016**
59	ITJDM02	Bilevel Feature Extraction-Based Text Mining for Fault Diagnosis of Railway Systems	**2016**
60	ITJDM03	Integration Of Personalized Healthcare Pathways In An ICT Platform For Diabetes Management : A Small Scale Exploratory Study	**2016**
61	ITJDM04	Uncertainty Analysis For The Keyword System Of Web events	**2016**
62	ITJDM05	Mining High Utility Patterns in One Phase without Generating Candidates	**2016**
63	ITJDM06	Learning Proximity Relations for Feature Selection	**2016**
64	ITJDM07	Ontology-Based Search of Genomic Metadata	**2016**

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65	ITJDM08	Multi-Modal Event Topic Model for Social Event Analysis	**2016**
66	ITJDM09	Answering Approximate Queries over XML Data	**2016**
67	ITJDM10	Microblog Dimensionality Reduction– A Deep learning Approach	**2016**
68	ITJDM11	Fine-Grained Image Classification via Low-Rank Sparse Coding With General and Class-Specific Codebooks	**2016**
69	ITJDM12	Irregular indeterminate repeated facts in Temporal Relational Databases	**2016**
70	ITJDM13	Similarity Group-by Operators for Multi-dimensional Relational Data	**2016**
71	ITJDM14	Survey On Aspect Level Sentiment Analysis	**2016**
72	ITJDM15	Speeding-Up Association Rule Mining WithInverted Index Compression	**2016**
73	ITJDM16	A Social Influence Approach for Group User Modeling in Group Recommendation Systems	**2016**
74	ITJDM17	Unsupervised Many-to-Many Object Matching for Relational Data	**2016**
75	ITJDM18	User Recommender System Based on Knowledge, Availability, and Reputation From Interactions in Forums	**2016**

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76	ITJDM19	Assessing anti-depressants using intelligent data monitoring and mining of online fora	2016
77	ITJDM20	Privacy-Preserving Patient-Centric Clinical Decision Support System on Naive Bayesian Classification	2016
78	ITJDM21	k-Nearest Neighbor Classification over Semantically Secure EncryptedRelational Data	2015
79	ITJDM22	Dual Sentiment Analysis: Considering Two Sides of One Review	2015
80	ITJDM23	Real-Time City-Scale Taxi Ridesharing	2015
81	ITJDM24	Relevance Feature Discovery for Text Mining	2015
82	ITJDM25	RRW—A Robust and Reversible Watermarking Technique for Relational Data	2015
83	ITJDM26	An Internal Intrusion Detection and Protection System by Using DataMiningand Forensic Techniques	2015
84	ITJDM27	Relational Collaborative Topic Regression for Recommender Systems	2015
85	ITJDM28	A Novel Data-Mining Approach Leveraging Social Media to Monitor Consumer Opinion of Sitagliptin	2015

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86	ITJDM29	Malware Propagation in Large-Scale Networks	**2015**
87	ITJDM30	Understanding User Intents in Online Health Forums	**2015**
88	ITJDM31	A Query Approach for Influence Maximization on Specific Users in Social Networks	**2015**
89	ITJDM32	Best Keyword Cover Search	**2015**
90	ITJDM33	Differentially Private Frequent Item set Mining via Transaction Splitting	**2015**
91	ITJDM34	Learning to Rank Using User Clicks and Visual Features for Image Retrieval	**2015**
92	ITJDM35	TRIP: An Interactive Retrieving-Inferring Data Imputation Approach	**2015**
93	ITJDM36	Probabilistic Aspect Mining Model for Drug Reviews	**2014**
94	ITJDM37	Supporting Privacy Protection in Personalized Web Search	**2014**
95	ITJDM38	PSMPA :Patient Self-controllable and Multi-level Privacy preservingCooperativeAuthenticationinDistributedm-HealthcareCloudComputingSystem	**2014**

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S.NO	PROJECT CODE	PROJECT TITLES	YEAR
96	ITJDM39	AFuzzyPreferenceTree-BasedRecommenderSystemforPersonalizedBusiness-to-BusinessE-Services	2014
97	ITJDM40	OCCT: A One-Class Clustering Tree for Implementing One-to-Many Data Linkage	2014
98	ITJDM41	Scalable Keyword Search on Large RDF Data	2014
99	ITJDM42	Task Trail: An Effective Segmentation of User Search Behavior	2014
100	ITJDM43	Building Confidential and Efficient Query Services in the Cloud with RASPD at a Perturbation	2014
101	ITJDM44	Automatic Generation of the Domain Module from Electronic Textbooks: Method and Validation	2014

DOMAIN: IEEE TRANSACTIONS ON NETWORKING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
102	ITJNW01	The Role of Information in Distributed Resource Allocation	2016
103	ITJNW02	A Survey of Data Mining and Machine Learning Methods for Cyber Security Intrusion Detection	2016

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104	ITJNW03	An Exact Algorithm for the Shortest Path Problem With Position-Based Learning Effects	**2016**
105	ITJNW04	Adaptively Secure Broadcast Encryption With Constant Ciphertexts	**2016**
106	ITJNW05	Overlay Automata and Algorithms for Fast and Scalable Regular Expression Matching	**2016**
107	ITJNW06	Contributory Broadcast Encryption with Efficient Encryption and Short Ciphertexts	**2016**
108	ITJNW07	Attribute-based Access Control for ICN Naming Scheme	**2016**
109	ITJNW08	A Survey of Man In The Middle Attacks	**2016**
110	ITJNW09	Resolving Multi-party Privacy Conflicts in Social Media	**2016**
111	ITJNW10	Private and Verifiable Inter domain Routing Decisions	**2016**
112	ITJNW11	LIVE:LightweightIntegrityVerificationandContentAccessControlforNamedData Networking	**2015**

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113	ITJNW12	Response Time Based Optimal Web Service Selection	**2015**
114	ITJNW13	ASN: A Dynamic Barrier-Based Approach to Confirmation of Deadlocks from Warnings for Large-Scale Multithreaded Programs	**2015**
115	ITJNW14	Software Puzzle: A Counter measure to Resource-Inflated Denial-of-Service Attacks	**2015**
116	ITJNW15	ContributoryBroadcastEncryptionwithEfficientEncryptionandShortCiphertexts	**2015**
117	ITJNW16	Reputation Aggregation in Peer-to-Peer Network Using Differential Gossip Algorithm	**2015**
118	ITJNW17	VoteTrust:LeveragingFriendInvitationGraphtoDefend againstSocialNetwork Sybils	**2015**
119	ITJNW18	Authenticated Key Exchange Protocols for Parallel Network File Systems	**2015**
120	ITJNW19	Secure Data Retrieval for Decentralized Disruption-Tolerant Military Networks	**2015**
121	ITJNW20	A Model Approach to the Estimation of Peer-to-Peer Traffic Matrices	**2015**
122	ITJNW21	Network Aware Scheduling for Virtual Machine Workloads with Interference Models	**2015**
123	ITJNW22	Cloning, Resource Exchange, and Relation Adaptation: An Integrative Self Organisation Mechanism in a Distributed Agent Network	**2015**

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DOMAIN: IEEE TRANSACTIONS ON NETWORK SECURITY

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
124	ITJNS01	Group Secret Key Generation in Wireless Networks: Algorithms and Rate Optimization	2016
125	ITJNS02	Local Community Mining on Distributed and Dynamic Networks From a Multi agent Perspective	2016
126	ITJNS03	Private Over-threshold Aggregation Protocols over Distributed Datasets	2016
127	ITJNS04	Data Lineage in Malicious Environments	2016
128	ITJNS05	Risk Assessment in Social Networks based on User Anomalous Behaviours	2016
129	ITJNS06	Adaptively Secure Broadcast Encryption With Constant Ciphertexts	2016
130	ITJNS07	PROVEST: Provenance-based Trust Model for Delay Tolerant Networks	2016
131	ITJNS08	How Socially Aware Are Social Media Privacy Controls	2016
132	ITJNS09	Software Security, Privacy and Dependability: Metrics and Measurement	2016
133	ITJNS10	Botnet Detection based on Anomaly and Community Detection	2016
134	ITJNS11	Improving Privacy and Security in Decentralized Cipher text- Policy Attribute-Based Encryption	2015

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135	ITJNS12	Secure Network Coding With Erasures and Feedback	**2015**
136	ITJNS13	Bigdata, big knowledge: bigdatafor personalized healthcare	**2015**
137	ITJNS14	A Survey of Security Attacks inInformation-Centric Networking	**2015**
138	ITJNS15	Secure and Anonymous Communication Technique: Formal Model and its Prototype Implementation	**2015**
139	ITJNS16	Group Key Agreement with Local Connectivity	**2015**
140	ITJNS17	Analysis of a "/0"StealthScanFroma Botnet	**2015**
141	ITJNS18	Neighbor Similarity Trust against Sybil Attack in P2P E-Commerce	**2015**
142	ITJNS19	Securing Broker Less Publish Subscribe Systems Using Identity-Based Encryption	**2014**
143	ITJNS20	Private Searching on Streaming Data Based on Keyword Frequency	**2014**
144	ITJNS21	Building a Scalable System for StealthyP2P-BotnetDetection	**2015**
145	ITJNS22	TheClientAssignmentProblemforContinuousDistributedInteractiveApplications:Analysis,Algorithms,and Evaluation	**2015**

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		DOMAIN: IEEE TRANSACTIONS ON MOBILE COMPUTING	
S.NO	**PROJECT CODE**	**PROJECT TITLES**	**YEAR**
146	ITJMC01	Understanding Social Causalities Behind Human Action Sequences	2016
147	ITJMC02	A Multilevel Access Control Scheme for Data Security in Transparent Computing	2016
148	ITJMC03	Social Network De-Anonymization Under Scale-Free User Relations	2016
149	ITJMC04	Structural Data De-Anonymization: Theory and Practice	2016
150	ITJMC05	On-the-Fly Nearest Shelter Computation in Event-Dependent Spatial Networks in Disasters	2016
151	ITJMC06	MaximizingP2PFileAccessAvailabilityinMobileAdH ocNetworksthoughReplicationforEfficientFile Sharing	2015
152	ITJMC07	Towards Maximizing Timely Content Delivery in Delay Tolerant Networks	2015
153	ITJMC08	Relay-assisted Multiple Access with Full-duplex Multi-Packet Reception	2015
154	ITJMC09	Defending Against Collaborative Attacks by Malicious Nodes in MANETs: A Cooperative Bait Detection Approach	2015
155	ITJMC10	Joint Virtual MIMO and Data Gathering for Wireless Sensor Networks	2015

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156	ITJMC11	Efficient Rekeying Framework for Secure Multicast with Diverse-Subscription-Period Mobile Users	**2014**
157	ITJMC12	Distributed Detection in Mobile Access Wireless Sensor Networks Under Byzantine Attacks	**2014**
158	ITJMC13	Achieving Maximum Throughput in Random Access Protocols with Multipacket Reception	**2014**

DOMAIN: IEEE TRANSACTIONS ON MULTIMEDIA

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
159	ITJMM01	Democratic Diffusion Aggregation for Image Retrieval	**2016**
160	ITJMM02	A Locality Sensitive Low-Rank Model for Image Tag Completion	**2016**
161	ITJMM03	User-Service Rating Prediction by Exploring Social Users' Rating Behaviors	**2016**
162	ITJMM04	Image SearchReranking With Hierarchical Topic Awareness	**2015**
163	ITJMM05	Query Difficulty Estimation forImageSearch With QueryReconstruction Error	**2015**
164	ITJMM06	LearningConsistent Feature Representation for Cross-Modal Multimedia Retrieval	**2015**
165	ITJMM07	Uniform Embedding For Efficient JPEG Stegnography	**2014**

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		DOMAIN: IEEE TRANSACTIONS ON SOFTWARE ENGINEERING	
S.NO	**PROJECT CODE**	**PROJECT TITLES**	**YEAR**
165	ITJSW01	Synchronizing Files from a Large Number of Insertions and Deletions	**2016**
166	ITJSW02	Developer Micro Interaction Metrics for Software Defect Prediction	**2016**
167	ITJSW03	Automatic Source Code Summarization of Context for Java Methods	**2016**
168	ITJSW04	INSPIRE: A Framework for Incremental Spatial Prefix Query Relaxation	**2015**
169	ITJSW05	Discovery of Ranking Fraud for Mobile Apps	**2015**
170	ITJSW06	Extracting Development Tasks to Navigate Software Documentation	**2015**
171	ITJSW07	Online Feature Selection and Its Applications	**2014**
172	ITJSW08	Continuous and Transparent User Identity Verification for Secure Internet Services	**2014**

DOMAIN: IEEE TRANSACTIONS ON IMAGE PROCESSING

S.NO	**PROJECT CODE**	**PROJECT TITLES**	**YEAR**
173	ITJIM01	Optimized Multi operator Image Retargeting Based on Perceptual Similarity Measure	**2016**
174	ITJIM02	RankBasedImageWatermarkingMethodWithHighEmbedding Capacity and Robustness	**2016**
175	ITJIM03	Real-time Semantic Search using Approximate Methodology for Large-scale Storage Systems	**2016**

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176	ITJIM04	Sparse Contextual Activation for Efficient Visual Re-ranking	**2016**
177	ITJIM05	Reversible Data Hiding in Encrypted Images by Reversible Image Transformation	**2016**
178	ITJIM06	Online Multi-modal Distance Metric Learning with Application to Image Retrieval	**2016**
179	ITJIM07	On the Security of Permutation-Only Image Encryption Schemes	**2016**
180	ITJIM08	Adaptive Reversible Data Hiding by Extending the Generalized Integer Transformation	**2016**
181	ITJIM09	Low-Complexity Multiclass Encryption by Compressed Sensing	**2015**
182	ITJIM10	Semantic Sparse Recoding of Visual Content for Image Applications	**2015**
183	ITJIM11	High Capacity Reversible Data Hiding in Encrypted Images by Patch-Level Sparse Representation	**2015**
184	ITJIM12	Steganography Using Reversible Texture Synthesis	**2015**
185	ITJIM13	Measures of Effective Video Tracking	**2014**
186	ITJIM14	Object-Oriented Shadow Detection and Removal From Urban High-Resolution Remote Sensing Images	**2014**

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DOMAIN: IEEE TRANSACTIONS ON GRID COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
187	ITJGC01	A Lightweight Authenticated Communication Scheme for Smart Grid	2016
188	ITJGC02	A Privacy-Preserving Scheme for Incentive-Based Demand Response in the Smart Grid	2015
189	ITJGC03	Machine Learning Methods for Attack Detection in the Smart Grid	2015
190	ITJGC04	Rateless Codes and Random Walks forP2P Resource Discovery in Grids	2014

DOTNET

DOMAIN: IEEE TRANSACTIONS ON CLOUD COMPUTING

S NO	PROJECT CODE	PROJECT TITLE	YEAR
1	ITDCC01	Attribute-Based Data Sharing Scheme Revisited in Cloud Computing	2016
2	ITDCC02	Systematic Data Placement Optimization in Multi-Cloud Storage for Complex Requirements	2016
3	ITDCC03	Achieving Simple, Secure and EfficientHierarchical Access Control in Cloud Computing	2016

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4	ITDCC04	Enabling Cloud Storage Auditing With Verifiable Outsourcing of Key Updates	2016
5	ITDCC05	Providing User Security Guarantees in Public Infrastructure Clouds	2016
6	ITDCC06	PHE: An Efficient Traitor Tracing and Revocation for Encrypted File Syncing-and-Sharing in Cloud	2016
7	ITDCC07	TMACS: A Robust and Verifiable Threshold Multi-Authority Access Control System in Public Cloud Storage	2016
8	ITDCC08	Monetary Cost Optimizations for HostingWorkflow-as-a-Service in IaaS Clouds	2016
9	ITDCC09	Secure Data Deduplication with Dynamic Ownership Management in Cloud Storage	2016
10	ITDCC10	Workflow Scheduling in Multi-Tenant Cloud Computing Environments	2016
11	ITDCC11	Probabilistic Optimization of Resource Distribution and Encryption for Data Storagein the Cloud	2016
12	ITDCC12	AutoElastic: Automatic Resource Elasticity for High Performance Applications in the Cloud	2016
13	ITDCC13	A Survey of Proxy Re-Encryption for Secure Data Sharing in Cloud Computing	2016
14	ITDCC14	Malware Detection inCloud Computing Infrastructures	2016
15	ITDCC15	Packet Cloud: a Cloudlet-based Open Platformfor In-network Services	2016

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16	ITDCC16	KSF-OABE: Outsourced Attribute-Based Encryption with Keyword Search Function for Cloud Storage	2016
17	ITDCC17	An Efficient File Hierarchy Attribute-Based Encryption Scheme in Cloud Computing	2016
18	ITDCC18	Identity-Based Encryption with Cloud Revocation Authority and Its Applications	2016
19	ITDCC19	Online Resource Scheduling Under Concave Pricing for Cloud Computing	2016
20	ITDCC20	Skyline Discovery and Composition of Multi-CloudMashup Services	2016
21	ITDCC21	A Scalable and Reliable Matching Service for Content-Based Publish/Subscribe Systems	2015
22	ITDCC22	Exploiting Rate less Codes in Cloud Storage Systems	2015
23	ITDCC23	Mon PaaS : An Adaptive Monitoring Platform as a Service for Cloud Computing Infrastructures and Services	2015
24	ITDCC24	Control Cloud Data Access Privilege and Anonymity With Fully Anonymous Attribute-Based Encryption	2015
25	ITDCC25	Hire Some – II :Towards Privacy-Aware Cross-Cloud Service Composition for Big Data Applications	2015
26	ITDCC26	Effective Cost Reduction for Elastic Clouds under Spot Instance Pricing Through Adaptive Check pointing	2015
27	ITDCC27	A Hybrid Cloud Approach for Secure Authorized De duplication	2015
		Enabling Cloud Storage Auditing With Key-Exposure	2015

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28	ITDCC28	Resistance	
29	ITDCC29	Scalable Transaction Management with Snapshot Isolation for No SQL Data Storage Systems	2015
30	ITDCC30	Public Integrity Auditing for Shared Dynamic Cloud Data with Group User Revocation	2015
31	ITDCC31	TEES: An Efficient Search Scheme over Encrypted Data on Mobile Cloud	2015
32	ITDCC32	Orchestrating Bulk Data Transfers across Geo-Distributed Datacenters	2015
33	ITDCC33	SAE: Toward Efficient Cloud Data Analysis Service for Large-Scale Social Networks	2015
34	ITDCC34	Cloud-based Utility Service Framework for Trust Negotiations using Federated Identity Management	2015
35	ITDCC35	Implementing Design Diversity Using Portfolio Thinking to Dynamically and Adaptively Manage the Allocation of Web Services in the Cloud	2015
36	ITDCC36	Cost-Effective Authentic and Anonymous Data Sharing with Forward Security	2015
37	ITDCC37	Real-time Semantic Search using Approximate Methodology for Large- scale Storage Systems	2015
38	ITDCC38	PACK: Prediction-Based Cloud Bandwidth and Cost Reduction System	2014
39	ITDCC39	Dynamic MultiserviceLoadBalancing in Cloud-Based Multimedia System	2014
		Panda: Public Auditing for Shared Data with Efficient User	2014

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40	ITDCC40	Revocation in the Cloud	
41	ITDCC41	Strategic Management of Cloud Computing Services: Focusing on Consumer Adoption Behavior	2014
42	ITDCC42	System of Systems for Quality-of-Service Observation and Response in Cloud Computing Environments	2014
43	ITDCC43	Automating Cloud Services Life Cycle through Semantic Technologies	2014
44	ITDCC44	Cloud-Assisted Mobile-Access of Health Data With Privacy and Audit ability	2014
45	ITDCC45	Performance and cost evaluation of an adaptive encryption architecture for cloud databases	2014
46	ITDCC46	Deadline based Resource Provisioning and Scheduling Algorithm for Scientific Workflows on Clouds	2014
47	ITDCC47	Identity-Based Distributed Provable Data Possession in Multi-Cloud Storage	2014

DOMAIN: IEEE TRANSACTIONS ON DATA MINING

S NO	PROJECT CODE	PROJECT TITLE	YEAR
48	ITDDM01	On the Privacy and Performance of Mobile Anonymous Microblogging	2016
49	ITDDM02	Aspect-level Influence Discovery from Graphs	2016
50	ITDDM03	User Preference Learning for Online Social Recommendation	2016

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51	ITDDM04	Microblogging Content Propagation Modeling UsingTopic-specific Behavioral Factors	2016
52	ITDDM05	Privacy-Preserving Outsourced Association RuleMiningon Vertically Partitioned Databases	2016
53	ITDDM06	Pattern Based Sequence Classification	2016
54	ITDDM07	Mining Health Examination Records — A Graph-based Approach	2016
55	ITDDM08	Privacy-Preserving and Regular Language Search over Encrypted Cloud Data	2016
56	ITDDM09	An Efficient Privacy-Preserving Ranked Keyword Search Method	2016
57	ITDDM10	A Recommendation System to Facilitate Business Process Modeling	2016
58	ITDDM11	A Mixed Generative-Discriminative Based Hashing Method	2016
59	ITDDM12	Listwise Learning to Rank by Exploring Structure of Objects	2016
60	ITDDM13	Rating Prediction based on Social Sentiment from Textual Reviews	2016
61	ITDDM14	A Novel Recommendation Model Regularized with User Trust and Item Ratings	2016
62	ITDDM15	Connecting Social Media to E-Commerce:Cold-Start Product Recommendation usingMicroblogging Information	2015
63	ITDDM16	Web-Based Medical Decision Support Systems for Three-Way Medical Decision Making With Game-Theoretic Rough Sets	2015

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64	ITDDM17	Co-Extracting Opinion Targets and Opinion Words from Online Reviews Based on the Word Alignment Model	2015
65	ITDDM18	Fast Best-Effort Search on Graphs with Multiple Attributes	2015
66	ITDDM19	Joint Local and Global Consistency on Inter document and Inter word Relationships for Co-Clustering	2015
67	ITDDM20	Using Semantic Web Technologies for Exploratory OLAP: A Survey	2015
68	ITDDM21	Network-Based Modeling and Intelligent Data Mining of Social Media for Improving Care	2015
69	ITDDM22	On Summarization and Timeline Generation for Evolutionary Tweet Streams	2015
70	ITDDM23	Discovering Latent Semantics in Web Documents using Fuzzy Clustering	2015
71	ITDDM24	Diversifying Web Service Recommendation Results via Exploring Service Usage History	2015
72	ITDDM25	Pattern-based Topics for Document Modelling in Information Filtering	2015
73	ITDDM26	Neural Control of a Tracking Task via Attention-Gated Reinforcement Learning for Brain-Machine Interfaces	2015
74	ITDDM27	Bridging the Vocabulary Gap between Health Seekers and Healthcare Knowledge	2015
75	ITDDM28	Investigating QoS of Real-World Web Services	2014
		CoDe Modeling of Graph Composition for Data	2014

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76	ITDDM29	Warehouse Report Visualization	
77	ITDDM30	Probability of Severe Adverse Events as a Function of Hospital Occupancy	2014
78	ITDDM31	Using data merging techniques for generating multi-document summarizations	2014
79	ITDDM32	Motif-based Hyponym Relation Extraction from Wikipedia Hyperlinks	2014
80	ITDDM33	Active Learning of Constraints for Semi-Supervised Clustering	2014

DOMAIN: IEEE TRANSACTIONS ON NETWORK SECURITY

S NO	PROJECT CODE	PROJECT TITLE	YEAR
81	ITDNS01	Detecting Malicious Facebook Applications	2016
82	ITDNS02	Reversible Data Hiding: Advances in the Past Two Decades	2016
83	ITDNS03	An Efficient Privacy-Preserving Outsourced Calculation Toolkits with Multiple Keys	2016
84	ITDNS04	Conjunctive Keyword Search with DesignatedTester and Timing	2016

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		Enabled Proxy Re-encryptionFunction for E-health Clouds	
85	ITDNS05	Efficient Anonymous Message Submission	2016
86	ITDNS06	Personalized Influential Topic Search via Social Network Summarization	2016
87	ITDNS07	Profiling Online Social Behaviors for Compromised Account Detection	2016
88	ITDNS08	Passive IP Trace back: Disclosing the Locations of IP SpooferS From Path Backscatter	2015
89	ITDNS09	Achieving Flatness: Selecting the Honey words from Existing User Passwords	2015
90	ITDNS10	Inference Attack on Browsing History of Twitter Users using Public Click Analytics and Twitter Metadata	2015
91	ITDNS11	An Authenticated Trust and Reputation Calculation and Management System for Cloud and Sensor Networks Integration	2015
92	ITDNS12	Fault Attacks on Pairing-Based Protocols Revisited	2015
93	ITDNS13	A Survey of Securing Networks Using Software Defined Networking	2015
94	ITDNS14	A Novel En-Route Filtering Scheme Against False Data Injection Attacks in Cyber-Physical Networked Systems	2015
95	ITDNS15	Circuit Cipher text-policy Attribute-based Hybrid Encryption with Verifiable Delegation in Cloud Computing	2015
96	ITDNS16	Privacy-Preserving Clinical Decision Support System Using Gaussian Kernel-Based Classification	2014
		Sybil Belief: A Semi-supervised Learning Approach for	2014

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S NO	PROJECT CODE	PROJECT TITLE	YEAR
97	ITDNS17	Structure-based Sybil Detection	
98	ITDNS18	Structural Diversity for Resisting Community Identification in Published Social Networks	2014

DOMAIN: IEEE TRANSACTIONS ON NETWORKING

S NO	PROJECT CODE	PROJECT TITLE	YEAR
99	ITDNW01	STARS Computing Corps: Enhancing Engagement of Underrepresented Students and Building Community in Computing	2016
100	ITDNW02	Secure Transmission Against Pilot Spoofing Attack: A Two-Way Training-Based Scheme	2016
101	ITDNW03	A Feasible IP Traceback Framework through Dynamic Deterministic Packet Marking	2016
102	ITDNW04	Simultaneously Generating Secret and Private Keys in a Cooperative Pairwise Independent Network	2016
103	ITDNW05	Trust-distortion Resistant Trust Management Frameworks on Mobile Ad hoc Networks: A Survey	2016
104	ITDNW06	Sociality-aided new adaptive infection recovery schemes for multicast DTNs	2016
105	ITDNW07	Sustainability of Service Provisioning Systems under Stealth DoS Attacks	2016
106	ITDNW08	Scheduling in Networks With Time-Varying Channels and Reconfiguration Delay	2015
107	ITDNW09	Performance-Oriented Partitioning for Task Scheduling of Parallel Reconfigurable Architectures	2015
		An Efficient and Trustworthy P2P and Social Network	2015

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108	ITDNW10	Integrated File Sharing System	
109	ITDNW11	MTAF: An Adaptive Design for Keyword-Based Content Dissemination on DHT Networks	2015
110	ITDNW12	Reducing Fragmentation for In-line De duplication Backup Storage via Exploiting Backup History and Cache Knowledge	2015
111	ITDNW13	Toward Better Quality of Service Composition Based on a Global Social Service Network	2015
112	ITDNW14	Efficient and Scalable Metadata Management in EB-scale File Systems	2014
113	ITDNW15	Trust Management for Defending On-off Attacks	2014

DOMAIN: IEEE TRANSACTIONS ON SOFTWARE ENGINEERING

S NO	PROJECT CODE	PROJECT TITLE	YEAR
114	ITDSW01	Multi-Role Project (MRP): A New Project-Based Learning Method for STEM	2016
115	ITDSW02	Heuristics for provisioning services to workflows in XaaS Clouds	2016
116	ITDSW03	Metamorphic Testing for Software Quality Assessment: A Study of Search Engines	2016
		Instance Generator and Problem Representation to Improve	2015

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117	ITDSW04	Object Oriented Code Coverage	
118	ITDSW05	Investigating Country Differences in Mobile App User Behavior and Challenges for Software Engineering	2015
119	ITDSW06	Coverage-based testing for Service Level Agreements	2014
120	ITDSW07	Improved Evolutionary Algorithm Design for the Project Scheduling Problem Based on Runtime Analysis	2014

DOMAIN: IEEE TRANSACTIONS ON MULTIMEDIA

S NO	PROJECT CODE	PROJECT TITLE	YEAR
121	ITDMM01	Frame Interpolation for Cloud-Based Mobile Video Streaming	2016
122	ITDMM02	Securing SIFT: Privacy-preserving OutsourcingComputation of Feature Extractions over EncryptedImage Data	2016
123	ITDMM03	Towards Cost-Efficient Content Placement in Media Cloud: Modeling and Analysis	2016
124	ITDMM04	Multimedia Summarization for Social Events in Microblog Stream	2015
125	ITDMM05	Cross-Domain Feature Learning in Multimedia	2015
126	ITDMM06	Contextual Online Learning for Multimedia Content Aggregation	2015
127	ITDMM07	Weakly Supervised Multi-Graph Learning for Robust Image Re ranking	2014
		Augmenting Image Descriptions Using Structured Prediction	2014

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128	ITDMM08	Output	

DOMAIN: IEEE TRANSACTIONS ON IMAGE PROCESSSING

S NO	PROJECT CODE	PROJECT TITLE	YEAR
129	ITDIM01	Instance-Aware Hashing for Multi-Label Image Retrieval	2016
130	ITDIM02	Saliency-Aware Nonparametric Foreground Annotation Based on Weakly Labeled Data	2016
131	ITDIM03	Tag Based Image Search by Social Re-ranking	2016
132	ITDIM04	Semantic Concept Co-occurrence Patterns for Image Annotation and Retrieval	2016
133	ITDIM05	Social Diffusion Analysis with Common-Interest Model for Image Annotation	2016
134	ITDIM06	Content-Based Image Retrieval Using Features Extracted From Half toning-Based Block Truncation Coding	2015
135	ITDIM07	An Attribute-Assisted Re-ranking Model for Web Image Search	2015
136	ITDIM08	Web Image Re-Ranking Using Query Specific Semantic Signatures	2014
137	ITDIM09	Compressing Encrypted Images with Auxiliary Information	2014

DOMAIN: IEEE TRANSACTIONS ON GRID COMPUTING

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S NO	PROJECT CODE	PROJECT TITLE	YEAR
138	ITDGC01	Energy Storage Sharing in Smart Grid: A Modified Auction-Based Approach	2016
140	ITDGC02	A Secure Cloud Computing Based Framework for Big Data Information Management of Smart Grid	2015
141	ITDGC03	Resource Selection for Tasks with Time Requirements Using Spectral Clustering	2014

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Technologies and Domain used:

IEEE 2016, 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/G-PRS, Power Electronics & Systems, Electrical, DSP, RTOS, Bio metrics, etc.

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