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SPIRO

Solutions Pvt. Ltd

- Research & Development Program (RDP)
- Final Year Academic Project (FAP) in Software and Embedded Technologies
- Application Development Program (ADP)

AN ISO 9001:2008 CERTIFIED R&D COMPANY

PROJECT TITLES GUIDE
2013-2014



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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.



JAVA

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
1.	ITJNW01	Optimal Client-Server Assignment for Internet Distributed Systems	Networking , Security, Distributed Systems, Client-Server, Clustering, Load Balancing.	2013
2.	ITJNW02	SORT: A Self-Organizing Trust Model for Peer-to-Peer Systems	Networking , Security, Peer - Peer, Trust Management, Reputation.	2013
3.	ITJNW03	Cross-Domain Privacy- Preserving Cooperative Firewall Optimization	Networking , Security, Firewall Optimization, Privacy-Preserving.	2013
4.	ITJNW04	Using Fuzzy Logic Control to Provide Intelligent Traffic Management Service for High-Speed Networks	Networking , Fuzzy Logic Control, Quality Of Service (QOS), Robustness, Traffic Management, Anna University Result Site .	2013
5.	ITJNW05	A Survey of Defense Mechanisms Against Distributed Denial of Service (DDOS) Flooding Attacks	Networking , Security, Distributed Denial of Service (DDOS) Flooding Attack, Intrusion Detection Systems, BOTNET.	2013
6.	ITJNW06	SocialTube: P2P-assisted Video Sharing in Online Social Networks	Networking , Multimedia, Peer-To-Peer, On-Line Social Networks, Video-On-Demand (VOD), Video Sharing in Face Book .	2013
7.	ITJNW07	Refining Reputation to Truly Select High-QoS Servers in Peer-to-Peer Networks	Networking , Peer-To-Peer, Reputation Systems, Server Selection, Bayesian Networks, Quality Of Service (QOS)	2013
8.	ITJNW08	Attribute-Aware Data Aggregation Using Potential-Based Dynamic Routing in Wireless Sensor Networks	Networking , Wireless Sensor Network (WSN), Attribute-Aware Data Aggregation (ADA).	2013
9.	ITJNW09	Delay-Tolerant Bulk Data Transfers on the Internet	Networking , Delay-Tolerant Networks (DTNs), Bulk Data Transfers On The Internet.	2013
10.	ITJNW10	Range-Based Skyline Queries in Mobile Environments	Networking , Location-Based Services (LBS), Query Processing, Skyline Queries, Moving Objects	2013
11.	ITJNW11	A Symmetric Load Balancing Algorithm with Performance	Networking , Distributed Hash Tables (DHT), Load Balance,	2013



		Guarantees for DHT.	Virtual Server.	
12.	ITJNW12	A Distributed Control Law for Load Balancing in Content Delivery Networks	Networking , Content Delivery Network (CDN), Control Theory, Request Balancing.	2013
13.	ITJNW13	Efficient Server Provisioning with Control for End-to-End Response Time Guarantee on Multitier Clusters	Networking , Autonomic Resource Provisioning, Multitier Internet Services, Control.	2012
14.	ITJNW14	An Online Data Access Prediction and Optimization Approach for Distributed Systems	Networking , Distributed Computing, Distributed File System, Data Access Optimization.	2012
15.	ITJNW15	Exploring Peer-to-Peer Locality in Multiple Torrent Environment	Networking , Bittorrent, Traffic Locality, Measurement.	2012
16.	ITJNW16	Privacy-Preserving Decentralized Key-Policy Attribute-Based Encryption	Networking , Security, Attribute-Based Encryption, Multi-Authorit.	2012
17.	ITJNW17	Comparison-Based System-Level Fault Diagnosis: A Neural Network Approach	Networking , Fault Tolerance, System Level Self-Diagnosis, Neural Networks .	2012
18.	ITJNW18	Message Drop and Scheduling in DTNs: Theory and Practice	Networking , Delay Tolerant Network (DTN), Congestion.	2012
19.	ITJDM01	Fuzzy Web Data Tables Integration Guided by an Ontological and Terminological Resource	Data Mining , Fuzzy, Ontology, Ontological and Terminological Resource (OTR)	2013
20.	ITJDM02	How to Use Search Engine Optimization Techniques to Increase Website Visibility	Data Mining , Organic Search, Search Engine Optimization, Search-Ranking Algorithms, Social Media, Websites.	2013
21.	ITJDM03	A Method for Mining Infrequent Causal Associations and Its Application in Finding Adverse Drug Reaction Signal Pairs	Data Mining , Adverse Drug Reactions, Medical Centres, Association Rules, Data Mining Algorithms, Healthcare, Decision Model.	2013
22.	ITJDM04	Reinforced Similarity Integration in Image-Rich Information Networks	Data Mining , Networking, Information Retrieval, Image Mining, Information Network, Ranking	2013
23.	ITJDM05	Evaluating Data Reliability: An Evidential Answer with Application to	Data Mining , Ontology, Evidence, Information Fusion, Trust, Data	2013



		a Web-Enabled Data Warehouse	Quality, Web-Enabled Data Warehouse	
24.	ITJDM06	Discovering the Top- k Unexplained Sequences in Time-Stamped Observation Data	Data Mining, Artificial Intelligence , Security, Knowledge Base Management, Knowledge Representation Formalisms and Methods,	2013
25.	ITJDM07	CDAMA: Concealed Data Aggregation Scheme for Multiple Applications in Wireless Sensor Networks	Data Mining , Networking, Security, Concealed Data Aggregation, Cryptography, Homomorphic Encryption, WSN.	2013
26.	ITJDM08	Infusing Social Networks With Culture	Data Mining , Bayesian Knowledge Bases (BKBs), Culturally Infused Social Network (CISN), Culture, Social Network Analysis	2013
27.	ITJDM09	Pay-As-You-Go Entity Resolution	Data Mining , Entity Resolution, Pay-As-You-Go, Data Cleaning.	2013
28.	ITJDM10	A User-Friendly Patent Search Paradigm	Data Mining , Patent Search, Error Correction, Query Suggestion, Query Expansion, User-Friendly.	2013
29.	ITJDM11	Incentive Compatible Privacy-Preserving Data Analysis	Data Mining , Security, Privacy, Secure Multiparty Computation, Non Cooperative Computation,	2013
30.	ITJDM12	Efficient Fuzzy Type-Ahead Search in XML Data	Data Mining , XML, Keyword Search, Type-Ahead Search, Fuzzy Search	2012
31.	ITJDM13	Creating Evolving User Behavior Profiles Automatically	Data Mining , Evolving Fuzzy Systems, Fuzzy-Rule-Based (FRB) Classifiers.	2012
32.	ITJDM14	Evaluating Path Queries over Frequently Updated Route Collections	Data Mining , Route Collections, Path Queries, Frequent Updates	2012
33.	ITJDM15	Document Clustering in Correlation Similarity Measure Space	Data Mining , Document Clustering, Correlation Measure, Correlation Latent Semantic Indexing.	2012
34.	ITJDM16	Scalable Learning of Collective Behavior	Data Mining , Classification With Network Data, Community Detection,	2012
35.	ITJDM17	Query Planning for Continuous Aggregation Queries over a Network of Data Aggregators	Data Mining , Algorithms, Continuous Queries, Distributed Query Processing, Data Dissemination, Coherency.	2012



36.	ITJDM18	Improving Aggregate Recommendation Diversity Using Ranking-Based Techniques	Data Mining , Recommendation Diversity, Ranking Functions, Collaborative Filtering.	2012
37.	ITJDM19	Manifold Adaptive Experimental Design for Text Categorization	Data Mining , Text Categorization, Active Learning, Kernel Method.	2012
38.	ITJDM20	Combining Tag and Value Similarity for Data Extraction and Alignment	Data Mining , Data Extraction, Automatic Wrapper Generation, Data Alignment, Information Integration.	2012
39.	ITJDM21	Fuzzy Orders-of-Magnitude-Based Link Analysis for Qualitative Alias Detection	Data Mining , Orders-Of-Magnitude Reasoning, Fuzzy Set, Link Analysis, Similarity Measure, Alias Detection.	2012
40.	ITJDM22	Geometric Decision Tree	Data Mining , Decision Trees, Multiclass Classification, Oblique Decision Tree.	2012
41.	ITJNS01	Bad Data Injection Attack and Defense in Electricity Market Using Game Theory Study	Network Security , Networking, Price Of Electricity, Cyber Technologies, Smart Grid, Energy Management Centers	2013
42.	ITJNS02	DNS for Massive-Scale Command and Control	Network Security , Networking, DNS Security, Botnet Detection, Command And Control.	2013
43.	ITJNS03	Conditional Privacy Preserving Security Protocol for NFC Applications	Network Security , Data Mining, NFC Security, Pseudonym, Unlink ability, Conditional Privacy Protection.	2013
44.	ITJNS04	Heap Graph Based Software Theft Detection	Network Security , Software Engineering, Code Theft Detection, Heap Graph, Software Birthmark, Software Protection.	2013
45.	ITJNS05	Security and Privacy Enhancing Multi Cloud Architectures	Network Security , Data Mining, Cloud Computing, Multi-Cloud, Application Partitioning, Multi-Party Computation	2013
46.	ITJNS06	NICE: Network Intrusion Detection and Countermeasure Selection in Virtual Network Systems	Network Security , Cloud Computing, Intrusion Detection, Attack Graph, Zombie Detection.	2013
47.	ITJNS07	Towards Secure Multi- Keyword Top-k Retrieval over Encrypted Cloud	Network Security , Cloud Computing, Data Mining, Ranking,	2013



		Data*	Similarity Homomorphic Encryption.	Relevance,	
48.	ITJNS08	On the Security and Efficiency of Content Distribution via Network Coding	Network Security, Content Distribution, Security, Verification, Network Coding.		2012
49.	ITJNS09	Risk-Aware Mitigation for MANET Routing Attacks	Network Security, MANETs, Dempster Shafer Theory.		2012
50.	ITJNS10	Detecting Anomalous Insiders in Collaborative Information Systems	Network Security, Data Mining, Social Network, Insider Threat Detection		2012
51.	ITJNS11	Remote Attestation with Domain-Based Integrity Model and Policy Analysis	Network Security, Remote Attestation, Platform Integrity, Security Policy, Policy Analysis.		2012
52.	ITJNS12	Give2Get: Forwarding in Social Mobile Wireless Networks of Selfish Individuals	Network Security, Pocket Switched Networks, Social Mobility, Selfishness, Forwarding Protocols.		2012
53.	ITJNS13	Secure Failure Detection and Consensus in Trusted Pals	Network Security, Failure Detection, Fault-Tolerance, Smart Cards.		2012
54.	ITJNS14	Catching Packet Droppers and Modifiers in Wireless Sensor Networks	Network Security, Packet Dropping, Packet Modification, Intrusion Detection, Wireless Sensor Networks		2012
55.	ITJNS15	Detecting Spam Zombies by Monitoring Outgoing Messages	Network Security, Data Mining, Compromised Machines, Spam Zombies.		2012
56.	ITJCC01	Dynamic Optimization of Multiattribute Resource Allocation in Self- Organizing Clouds	Cloud Computing, Networking, Virtual Machine Multiplexing Resource Allocation, Peer - Peer, Multi Attribute Range Query.		2013
57.	ITJCC02	Privacy Preserving Back- Propagation Neural Network Learning Made Practical with Cloud Computing	Cloud Computing, Neural Network, Networking, Data Mining, Security, Privacy Reserving, Learning, Back-Propagation,		2013
58.	ITJCC03	A Cloud-based Approach for Interoperable EHRs.	Cloud Computing, Security, Healthcare, Electronic Health Records, Data Integration, Patients, Doctor, Hospital, Payers.		2013
59.	ITJCC04	Electricity Cost Saving Strategy in	Cloud computing, Networking,		2013



		Data Centers by Using Energy Storage	Quality-Of-Service (QoS), Electricity Cost Minimize, Data Center, Energy Storage, Wholesale Electricity Market,	
60.	ITJCC05	A Truthful Dynamic Workflow Scheduling Mechanism for Commercial Multi cloud Environments.	Cloud Computing , Data Mining, Workflow Scheduling, Multi Cloud Environment, Game Theory, Reverse Auction, Truthful Mechanism.	2013
61.	ITJCC06	Dynamic Resource Allocation Using Virtual Machines for Cloud Computing Environment.	Cloud Computing , Green Computing, Security , Networking, Resource Management, Virtualization.	2013
62.	ITJCC07	Hint-Based Execution of Workloads in Clouds with Nefeli.	Cloud Computing , Networking, Data Mining, Distributed Systems, Infrastructure-As-A-Service Clouds, Virtual Machine.	2013
63.	ITJCC08	Performance of Virtual Machines Under Networked Denial of Service Attacks: Experiments and Analysis	Cloud Computing , Security, Networking, Denial Of Service Attacks, Virtualization.	2013
64.	ITJCC09	Workload-Based Software Rejuvenation in Cloud Systems	Cloud Computing , Software Engineering, Time Based Rejuvenation, Virtual Machine Monitor.	2013
65.	ITJCC10	Scalable and Secure Sharing of Personal Health Records in Cloud Computing Using Attribute-Based Encryption	Cloud Computing , Security, Data Mining, Personal Health Records, Data Privacy, Attribute-Based Encryption.	2013
66.	ITJCC11	A Gossip Protocol for Dynamic Resource Management in Large Cloud Environments	Cloud Computing , Distributed Management, Resource Allocation, Gossip Protocols.	2012
67.	ITJCC12	Ensuring Distributed Accountability for Data Sharing in the Cloud	Cloud computing , Data Mining, Accountability, And Data Sharing.	2012
68.	ITJCC13	Cooperative Provable Data Possession for Integrity Verification in Multi-Cloud Storage	Cloud Computing , Data Mining, Storage Security, Provable Data Possession, Zero Knowledge, Multiple Cloud, Cooperative	2012
69.	ITJCC14	THEMIS: A Mutually Verifiable Billing System for the Cloud	Cloud computing , Data Mining, Web-Service, Transaction Processing, Pricing And Resource	2012



		Computing Environment	Allocation.	
70.	ITJCC15	Toward Secure and Dependable Storage Services in Cloud Computing	Cloud Computing , Data Mining, Dependable Distributed Storage, Error Localization.	2012
71.	ITJSW01	Defeating SQL Injection*	Software Engineering , Security, Data Mining, Criminal Records Maintain Secure Manner By Police Department.	2013*
72.	ITJSW02	Service-oriented architecture in variability-intensive environments: pitfalls and best practices in the example of local e-government	Software Engineering , Data Mining, service-oriented architecture (SOA), E-Government, The Chennai City Municipal Corporation.	2013
73.	ITJSW03	Systematic Elaboration of Scalability Requirements through Goal- Obstacle Analysis	Software Engineering , Data Mining, Security, Net Banking Transaction Failure Detection.	2013
74.	ITJSW04	A Software Suite for Efficient Use of the European Qualifications Framework in Online and Blended Courses	Software Engineering , Data Mining, Monitoring Performance, Students Details In Dashboards , Personalized E-Learning, EQF, 360-Degree Feedback, Learning Analytics	2013
75.	ITJSW05	Self-Organizing Roles on Agile Software Development Teams	Software Engineering , Data Mining, Self-Organizing, Team Roles, Agile Software Development.	2013
76.	ITJSW06	A Semi-Automatic Approach for Extracting Software Product Lines	Software Engineer , Virtual Separation Of Concerns, Refactoring Tools.	2012
77.	ITJSW07	Evaluation and Measurement of Software Process Improvement- A Systematic Literature Review	Software Engineering , Process Implementation And Change, Process Measurement, Metrics/Measurement.	2012
78.	ITJIM01	Context-Dependent Logo Matching and Recognition	Image Processing , Security, Logo Detection, Logo Recognition, Image Recognition.	2013
79.	ITJIM02	Robust Document Image Binarization Technique for Degraded Document Images	Image Processing , Image Restoration /Degradation, Document Image Binarization, Historical Documents.	2013
80.	ITJIM03	Fingerprint Combination for Privacy	Image Processing , Security,	2013



		Protection	Biometric Recognition, Authentication Systems, Biometric Time Attendance Systems, Privacy Protection,	
81.	ITJIM04	Automatic Segmentation of Scaling in 2-D Psoriasis Skin Images	Image Processing , Bio-Medical, Image Segmentation, Medical Applications-Skin Cancer, Skin Lesions ,	2013
82.	ITJIM05	Image Fusion Using Higher Order Singular Value Decomposition	Image Processing , Coefficient-Combining Strategy, Image Fusion.	2012
83.	ITJIM06	An Ensemble-Based System for Micro aneurysm Detection and Diabetic Retinopathy Grading	Image Processing , Diabetic Retinopathy (Dr) Grading, Fundus Image Processing, Microaneurysm (MA) Detection.	2012
84.	ITJIM07	Interpolation-Based Image Super-Resolution Using Multi surface Fitting	Image Processing , Data Fusion, Multisurface Fitting, Nonuniform Interpolation, Super-Resolution (SR).	2012
85.	ITJMC01	Improving the Network Lifetime of MANETs Through Cooperative MAC Protocol Design	Mobile Computing , Networking, MANETs, Network Lifetime, Medium Access Control Protocol, Relay Selection, Mac Protocol.	2013
86.	ITJMC02	Toward Privacy Preserving and Collusion Resistance in a Location Proof Updating System	Mobile Computing , Security, Location Based Service (Lbs), Privacy Preserving, Location Proof, Location Privacy, Pseudonym, Colluding Attacks.	2013
87.	ITJMC03	Distributed Detection in Mobile Access Wireless Sensor Networks Under Byzantine Attacks	Mobile Computing , Security, Security In Wireless Sensor Networks (WSN), Byzantine Attacks, Distributed Detection, Mobile Access.	2013
88.	ITJMC04	Lightweight Sybil Attack Detection in MANETs	Mobile Computing , Networking, Security, MANETs, Intrusion Detection, Sybil Attacks.	2013
89.	ITJMC05	Local Broadcast Algorithms in Wireless Ad Hoc Networks: Reducing the Number of Transmissions	Mobile Computing , Mobile Ad Hoc Networks, Distributed Algorithms, Broadcasting, Connected Dominating Set, Constant Approximation.	2012
90.	ITJMC06	Approximation Algorithms for Data	Mobile Computing , Ad Hoc Networking, Approximation	2012



		Broadcast in Wireless Networks	Algorithms, Broadcast Algorithms.	
91.	ITJMC07	Toward Reliable Data Delivery for Highly Dynamic Mobile Ad Hoc Networks	Mobile Computing , Geographic Routing, Opportunistic Forwarding, Reliable Data Delivery, MANETs.	2012
92.	ITJGC01	FTH-B&B: a Fault-Tolerant Hierarchical Branch and Bound for Large Scale Unreliable Environments.	Grid Computing , Networking, Fault Tolerance, Hierarchical Master-Worker, Large Scale Experiments.	2013
93.	ITJGC02	EPPDR: An Efficient Privacy-Preserving Demand Response Scheme with Adaptive Key Evolution in Smart Grid	Grid Computing , Security, Networking, Smart Grid, Demand Response, Privacy Preserving, Forward Secrecy, Key Evolution	2013
94.	ITJGC03	Secured Trust: A Dynamic Trust Computation Model for Secured Communication in Multi agent Systems	Grid Computing , Multiagent System, Trust Management, Reputation Model, Loads Balancing, Malicious Behavior.	2012
95.	ITJMM01	Beyond Text QA: Multimedia Answer Generation by Harvesting Web Information	Multimedia , Data Mining, Community Question Answering (CQA), Medium Selection, Reranking.	2013
96.	ITJMM02	CloudMoV: Cloud-Based Mobile Social TV	Multimedia , Cloud Computing, Mobile Computing, Communications Technology, TV, Mobile TV.	2013
97.	ITJMM03	Coaching the Exploration and Exploitation in Active Learning for Interactive Video Retrieval	Multimedia , Data Mining, Coached Active Learning, Interactive Video Retrieval, Query-Distribution Modeling, Initial Search.	2013
98.	ITJMM04	Efficient Genre-Specific Semantic Video Indexing.	Multimedia , Data Mining, Image Based Video Retrieving .	2012
99.	ITJMM05	Toward P2P-Based Multimedia Sharing in User Generated Contents	Multimedia , Networking, Mboard, Video On Demand, Peer-To-Peer Networks, Distributed Hash Tables.	2012
100.	ITJMM06	Multiple Description of Coded Video for Path Diversity Streaming Adaptation	Multimedia , Networking, Adaptive Video Streaming, Multiple Descriptions, Networks With Path Diversity.	2012
101.	ITJMM07	Event Driven Web Video Summarization by Tag Localization	Multimedia , Event Driven Summarization, Frame Based	2012



		and Key-Shot Identification	Video Retrieve, Key-Shot Identification, Tag Localization, Web Videos.	
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TECHNOLOGY: JAVA

DOMAIN: NON-IEEE BASED PROJECTS

S.NO	PROJECT CODE	DOMAIN	PROJECT TITLE
102.	JPEE01	Data Mining	Dynamic Search uses Knowledge-Based search mechanisms
103.	JPEE02	Networking	Dynamic Resource Allocation in Cloud
104.	JPEE03	Cloud Computing	HMAC Data Transmission in wireless Network
105.	JPEE04	Networking	TCP Performance for Flow-based anonymity applications
106.	JPEE05	Networking	Data Search in Health Care
107.	JPEE06	Networking	Bi-Criteria Scheduling in Grid Workflow management
108.	JPEE07	Networking	Selfish Routing Based Online Data Transmission
109.	JPEE08	Mobile Computing	Feedback control based High performance Computing
110.	JPEE09	Grid Computing	Better-than-best-service using TCP/IP
111.	JPEE10	Grid Computing	Multithreaded Client-server Communication

J2EE

TECHNOLOGY: J2EE

DOMAIN: IEEE TRANSACTIONS

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
112.	ITJ2EE01	Toward SWSs Discovery: Mapping from WSDL to OWL-S Based on Ontology Search and Standardization Engine	Web-Service, Data Mining, Ontology, Semantic Web Service, WSDL, OWL-S, Ontology-Based Standardization.	2013
113.	ITJ2EE02	Scalable Distributed Service Integrity Attestation for Software-as-a- Service Clouds	Web-Service, Cloud Computing, Security, Data Mining, Networking, Software-As-A-Service, Secure Distributed Data Processing.	2013
114.	ITJ2EE03	Design and Implementation of a Web-Service-Based Public-Oriented Personalized Health Care Platform	Web-Service, Cloud Computing, Data Mining, Security, Health Care Service Systems, Service Composition.	2013
115.	ITJ2EE04	C-MART: Benchmarking the Cloud	Web-Service, Cloud Computing,	2013



			Networking, Client/Server And Multitier Systems, Distributed /Internet Based Software, Quality Of Service (QOS).	
116.	ITJ2EE05	On the Investigation of Cloud-Based Mobile Media Environments With Service-Populating and QoS-Aware Mechanisms	Web-Service , Cloud Computing, Mobile Computing, Multimedia, Communication System Traffic Control, Quality Of Service (QOS), Video-On-Demand (VOD)	2013
117.	ITJ2EE06	FoCUS: Learning to Crawl Web Forums	Web-Service , Data Mining, Forum Crawling, Page Classification, Page Type, URL Pattern Learning, URL Type.	2013
118.	ITJ2EE07	Emerging Technologies for Patient-Specific Healthcare	Web-service , Data Mining, Networking, Activities Of Daily Living, Acute Care Hospital .	2012
119.	ITJ2EE08	Double Guard: Detecting Intrusions in Multitier Web Applications	Web-service , Data Mining, Security, Anomaly Detection, Multitier Web Application, Insurance Process .	2012
120.	ITJ2EE09	iHelp: An Intelligent Online Helpdesk System	Web-service , Data Mining, High-Quality Customer Service, Keyword-Matching-Based Ranking.	2011
121.	ITJ2EE10	Research and Implementation of the Credit Rating System for Bank Customers	Web-service , Client/Web Server/Application Rating & Safety Management Item Relative Likeability.	2011

TECHNOLOGY: J2EE

DOMAIN: NON-IEEE BASED PROJECTS

122.	J2PEE01	Web Application	Online Application Test For Agent
123.	J2PEE02	Web Application	Feedback of Student's performance through Online Exam
124.	J2PEE03	Web Application	Reduce Paper work through Online
125.	J2PEE04	Web Application	Feedback information of Website
126.	J2PEE05	Web Application	Customer reference searching details about products
127.	J2PEE06	Web Application	Buying and Selling shares in Online
128.	J2PEE07	Web Application	Salving Patient's Medical problems through Online
129.	J2PEE08	Web Application	Academic Administration System
130.	J2PEE09	Web Application	Health Care Environment in Online
131.	J2PEE10	Web Application	Interactive Data Exploration in C-Trend



DOTNET

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
1.	ITDNW01	Buffer Management for Aggregated Streaming Data with Packet Dependencies	Networking , Buffer management, First In First Out (FIFO), Switch And Router Architecture, Quality Of Service (QOS).	2013
2.	ITDNW02	Vulnerability of Network Mechanisms to Sophisticated DDoS Attacks	Networking , Distributed Denial of Service (DDOS), Hash, Queue, Vulnerability, Malicious.	2013
3.	ITDNW03	New Framework Architecture for Next Generation e-Health Services	Networking , Biomedical, Security, Personalized Healthcare Services, Profiling Mechanisms, Sensor Networks Mechanisms.	2013
4.	ITDNW04	SOS: A Distributed Mobile Q&A System Based on Social Networks	Networking , Question And Answer Systems, Online Social Networks, Peer-Peer.	2013
5.	ITDNW05	Behavioral Malware Detection in Delay Tolerant Networks	Networking , Delay-Tolerant Networks (DTN), BOTNET, Behavioral Malware Characterization, Bayesian Filtering.	2013
6.	ITDNW06	Scaling up publish/subscribe overlays using interest correlation for link sharing	Networking , Publish And Subscribe, Scalability, Interest Correlation, Subscription Clustering, Link Sharing.	2013
7.	ITDNW07	Error-Tolerant Resource Allocation and Payment Minimization for Cloud System	Networking , Resource Allocation, Convex Optimization, Prediction Error Tolerance, Payment Minimization	2013
8.	ITDNW08	A System for Denial-of-Service Attack Detection Based on Multivariate Correlation Analysis	Networking , Denial-of-Service Attack (DDOS), Network Traffic Characterization, Multivariate Correlations, Triangle Area.	2013
9.	ITDNW09	Load Rebalancing for Distributed File Systems in Clouds	Networking , Cloud Computing, Load Balance, Distributed File Systems, Replica Management	2013
10.	ITDNW10	Probabilistic Misbehavior Detection Scheme towards Efficient Trust	Networking , Security, Misbehavior Detection, Delay Tolerant Network (DTN).	2013



		Establishment in Delay-tolerant Networks		
11.	ITDNW11	Self-Adaptive Contention Aware Routing Protocol for Intermittently Connected Mobile Networks	Networking , Encounter Based Routing, Delay Tolerant Network (DTN), Multi Copy Routing Protocols.	2013
12.	ITDNW12	Discriminating DDOS Attacks From Flash Crowds Using Flow Correlation Coefficient	Networking , Security, DDos Attacks, Flash Crowds, Similarity, Discrimination.	2012
13.	ITDNW13	User-level implementations Of read-copy update	Networking , Synchronization, Process Management, Threads, Concurrency.	2012
14.	ITDNW14	Measurouting: A Framework For Routing Assisted Traffic Monitoring	Networking , Anomaly Detection, Network Management, Traffic Engineering, Traffic Measurements.	2012
15.	ITDNW15	Optimal Construction Of All Shortest Node Disjoint Paths In Hypercubes	Networking , Hypercube, Node-Disjoint Paths, Matching, Optimization Problem.	2012
16.	ITDNW16	Ccd: A Distributed Publish/ Subscribe Framework For Rich Content Formats	Networking , Publish/Subscribe, Operator Placement, Customized Content Dissemination.	2012
17.	ITDNW17	Compression Of View On Anonymous Networks —Folded View—	Networking , Analysis Of Algorithms And Problem Complexity, Distributed Networks.	2012
18.	ITDDM01	Web System Upgrading with Transaction Failure and Strategic Customers	Data Mining , Web Service, Online Retailing, Strategic Customers, Technology Adoption, Transaction Failure.	2013
19.	ITDDM02	Formal Usability Constraints Model for Watermarking of Outsourced Datasets	Data Mining , Security, Data Usability, Knowledge Preserving, Right Protection, Watermarking Datasets.	2013
20.	ITDDM03	Tweet Analysis for Real-Time Event Detection and Earthquake Reporting System Development	Data Mining , Event Detection, Social Sensor, Twitter Social Network , Location Estimation, Earthquake .	2013
21.	ITDDM04	System to Filter Unwanted Messages from OSN User Walls	Data Mining , Face book Social Network , Unwanted Information Filtering, Text Categorization, Policy based Personalization.	2013
22.	ITDDM05	Supporting Search-As-You-Type	Data Mining , Fuzzy Search , Search	2013



		Using SQL in Databases	Engine, Search-As-You-Type, SQL.	
23.	ITDDM06	A Survival Modeling Approach to Biomedical Search Result Diversification Using Wikipedia	Data Mining , Biomedical, Wikipedia , Survival Modeling, Diversity, Rerank, Thesaurus, Search Engine.	2013
24.	ITDDM07	Efficient Semisupervised MEDLINE Document Clustering With MeSH-Semantic and Global-Content Constraints	Data Mining , Biomedical, Text Mining, Document Clustering, Semi Supervised Clustering, Spectral Clustering.	2013
25.	ITDDM08	PMSE: A Personalized Mobile Search Engine	Data Mining , Mobile Computing, Ontology, Location Search, Mobile Search Engine, Personalization, User Profiling, GPS.	2013
26.	ITDDM09	A Privacy Leakage Upper Bound Constraint-Based Approach for Cost-Effective Privacy Preserving of Intermediate Data Sets in Cloud	Data Mining , Cloud Computing, Networking, Security, Data Storage Privacy, Intermediate Data Set, Privacy Preserving.	2013
27.	ITDDM10	Using Artificial Intelligence to Improve Hospital Inpatient Care*	Data Mining , Artificial Intelligence , Electronic Health Records (EHR), Clinical Decision Support Systems.	2013*
28.	ITDDM11	Multiparty Access Control for Online Social Networks: Model and Mechanisms	Data Mining , Security, Face book , Multiparty Access Control, Security Model, Policy Specification and Management	2013
29.	ITDDM12	Achieving Data Privacy through Secrecy Views and Null-Based Virtual Updates	Data Mining , Data Privacy, Views, Query Answering, Null Values, View Updates, answer set programs, Database Repairs.	2013
30.	ITDDM13	A Probabilistic Scheme For Keyword-Based Incremental Query Construction	Data Mining , Query Formulation, Search Process, Content Ranking, Data Warehouses.	2012
31.	ITDDM14	Horizontal Aggregations In Sql To Prepare Data Sets For Data Mining Analysis	Data Mining , Aggregation, Data Preparation, Pivoting, Structured Query Language.	2012
32.	ITDDM15	Continuous Top-K Dominating Queries	Data Mining , Top-k Dominating Queries, Data Streams, Approximation.	2012
33.	ITDDM16	A query formulation language	Data Mining , Query Formulation, Semantic\Data Web, RDF and	2012



		For the data web	SPARQL.	
34.	ITDDM17	A Unified Probabilistic Framework For Name Disambiguation In Digital Library	Data Mining , Digital Libraries, Information Search And Retrieval, Database Applications.	2012
35.	ITDDM18	Using Rule Ontology In Repeated Rule Acquisition From Similar Web Sites	Data Mining , Rule Acquisition, Rule Ontology, Best-First Search.	2012
36.	ITDDM19	Scalable Scheduling Of Updates In Streaming Data Warehouses	Data Mining , Data Warehouse Maintenance, Online Scheduling.	2012
37.	ITDDM20	An Ontology-Based Text-Mining Method to Cluster Proposals for Research Project Selection	Data Mining , Clustering Analysis, Decision Support Systems, Ontology, Research Project Selection, Text Mining.	2012
38.	ITDDM21	Sending Learning Pills to Mobile Devices in Class to Enhance Student Performance and Motivation in Network Services Configuration Courses	Data Mining , Educational Technology, Higher Education, Learning Systems, Pattern Recognition, Prediction Methods, Student Experiments.	2012
39.	ITDDM22	Web System Upgrading with Transaction Failure and Strategic Customers	Data Mining , Online Retailing, Strategic Customers, Technology Adoption, Transaction Failure.	2012
40.	ITDDM23	E-Policing And The Social Contract (*)	Data Mining, Crime Management System, Register Complaints Against Crime, Prisoner Details, Police DEPT.	2012
41.	ITDNS01	Privacy Preserving Data Sharing With Anonymous ID Assignment	Network Security , Cloud Computing, Data Mining, Privacy Preserving, Privacy Protection, Multiparty Computation.	2013
42.	ITDNS02	Detection and Localization of Multiple Spoofing Attackers in Wireless Networks	Network Security , Networking, Spoofing Attack, Attack Detection, Localization.	2013
43.	ITDNS03	SybilDefender: A Defense Mechanism for Sybil Attacks in Large Social Networks	Network Security , Networking, Sybil Attack, Social Network, Random Walk	2013
44.	ITDNS04	Anonymous and Distributed Community Cyber Incident Detection	Network Security , Networking, Intrusion Detection, Distributed Hash Table, Information Sharing, Privacy, Anonymity.	2013



45.	ITDNS05	Towards Trustworthy Resource Scheduling in Clouds	Network Security , Cloud Computing, Access Control, Information Security, Enterprise Resource Planning (ERP) .	2013
46.	ITDNS06	A System for Timely and Controlled Information Sharing in Emergency Situations	Network Security , Networking, Access Controls, Privacy, Security, Data Sharing.	2013
47.	ITDNS07	Resisting Web Proxy-Based HTTP Attacks by Temporal and Spatial Locality Behavior	Network Security , Networking, Distributed Denial Of Service Attack (DDOS), Attack Detection, Attack Response	2013
48.	ITDNS08	Performance Modeling And Analysis Of Network Firewalls	Network Security , Network Firewalls, Performance Modeling, Performance Analysis, Queuing Systems	2012
49.	ITDNS09	Revisiting Defenses Against Large-Scale Online Password Guessing Attacks	Network Security , Online Password Guessing Attacks, Brute Force Attacks, Password Dictionary.	2012
50.	ITDNS10	Persuasive Cued Click-Points: Design, Implementation, And Evaluation Of A Knowledge-Based Authentication Mechanism	Network Security , Authentication, Graphical Passwords, Usable Security, Empirical Studies.	2012
51.	ITDNS11	Mitigating distributed denial of service attacks in multiparty applications In the presence of clock drifts	Network Security , Clock Drift, Data Communication, Denial Of Service Attack, Reliability, Application	2012
52.	ITDNS12	M-Score: A Misuseability Weight Measure	Network Security , Data leakage, Data Misuse, Security Measures.	2012
53.	ITDNS13	Recommendation Models For Open Authorization	Network Security , Collaborative Filtering, Social Networks.	2012
54.	ITDNS14	Minimizing The Time Of Spam Mail Detection By Relocating Filtering System To The Sender Mail Server	Network Security , Anti-Spam's, Receiver Mail Server, Sender Mail Server, Spam Email.	2012
55.	ITDNS15	Nymble: Blocking Misbehaving Users in Anonymizing Networks	Network Security , Data Sharing, Attribute-Based Encryption, Revocation.	2011
56.	ITDCC01	Privacy-Preserving Public Auditing for Secure Cloud Storage	Cloud Computing , Security, Data Storage, Privacy Preserving, Public Auditability,	2013



57.	ITDCC02	Optimal Multiserver Configuration for Profit Maximization in Cloud Computing	Cloud Computing , Networking, Multiserver System, Service Level Agreement (SLA), Response Time, Waiting Time.	2013
58.	ITDCC03	Privacy Preserving Delegated Access Control in Public Clouds	Cloud Computing , Security, Privacy, Policy Decomposition, Encryption, Access Control, Electronic Health Records (EHR).	2013
59.	ITDCC04	Key-Aggregate Cryptosystem for Scalable Data Sharing in Cloud Storage	Cloud Computing , Networking, Security, Data Sharing, Key-Aggregate Encryption, Patient-Controlled Encryption.	2013
60.	ITDCC05	Power-Aware Cloud Metering	Cloud Computing , Smart Grid, Power Metering, Billing, Resource Management, Power Consumption Regulation	2013
61.	ITDCC06	An Efficient and Trustworthy Resource Sharing Platform for Collaborative Cloud Computing	Cloud Computing , Networking, Distributed Systems, Reputation Management, Resource Management, Distributed Hash Tables (DHT).	2013
62.	ITDCC07	QoS Ranking Prediction for Cloud Services	Cloud Computing , Networking, Quality of Service (QOS), Ranking Prediction, Personalization	2013
63.	ITDCC08	Secure Logging As a Service—Delegating Log Management to the Cloud	Cloud Computing , Security, Logging, Privacy, Log Management Service	2013
64.	ITDCC09	Mona: Secure Multi-Owner Data Sharing for Dynamic Groups in the Cloud	Cloud Computing , Networking, Security, Data Sharing, Privacy Preserving, Access Control, Dynamic Groups.	2013
65.	ITDCC10	Hasbe: A Hierarchical Attribute-Based Solution For Flexible And Scalable Access Control In Cloud.	Cloud Computing , Networking, Access Control, Data Security, Access Control.	2012
66.	ITDCC11	Enhanced privacy id: a direct Anonymous attestation scheme with enhanced revocation capabilities	Cloud Computing , Security And Protection, Anonymity, Privacy, Cryptographic Protocols, Trusted Computing	2012
67.	ITDCC12	A Secure Erasure Code-Based Cloud Storage System With Secure Data	Cloud Computing , Decentralized Erasure Code, Proxy Re-Encryption, Threshold Cryptography, Secure	2012



		Forwarding	Storage.	
68.	ITDCC13	Enabling Secure And Efficient Ranked Keyword Search Over Outsourced Cloud Data	Cloud Computing , Ranked Search, Searchable Encryption, Order-Preserving Mapping, Confidential Data.	2012
69.	ITDCC14	Trustworthy Coordination Of Web Services Atomic Transactions	Cloud Computing , SOC, Web Services, Security, Trust, Encryption, Byzantine Fault Tolerance	2012
70.	ITDCC15	Optimization Of Resource Provisioning Cost In Cloud Computing	Cloud Computing , Resource Provisioning, Virtualization, Virtual Machine Placement.	2012
71.	ITDCC16	A Gossip Protocol for Dynamic Resource Management in Large Cloud Environments	Cloud Computing , On Demand Service Plan, Automatic Repayment Process, Storage/Software as a Service.	2012
72.	ITDSW01	Ant Colony Optimization for Software Project Scheduling and Staffing with an Event-Based Scheduler	Software Engineering , Software Project Planning, Project Scheduling, Resource Allocation, Workload Assignment, Ant Colony Optimization .	2013
73.	ITDSW02	A User-Centered Design Approach to Self-Service Ticket Vending Machines	Software Engineering , Professional Communication, Chennai Metro Train Ticket , Self-service Ticket Vending Machines, Senior User, User Experience.	2013
74.	ITDSW03	A Machine Learning Approach to Software Requirements Prioritization	Software Engineering , Requirements Management, Requirements Prioritization, Machine Learning	2013
75.	ITDSW04	Resource Management for Complex, Dynamic Environments	Software Engineering , Healthcare, Resources Management, Process Modeling.	2013
76.	ITDSW05	Work Item Tagging: Communicating Concerns In Collaborative Software Development	Software Engineering , Tagging, Collaboration, Software Development, Task Management, Articulation Work, Work Items.	2012
77.	ITDSW06	Lean Software Management: BBC Worldwide Case Study	Software Engineering , Agile, Capability Maturity Model Integrated (CMMI).	2012
78.	ITDIP01	Reversible Data Hiding in Encrypted	Image Processing , Security, Reversible Data Hiding, Image	2013



		Images by Reserving Room Before Encryption	Encryption, Privacy Protection, Histogram Shift.	
79.	ITDIP02	Mining User Queries with Markov Chains: Application to Online Image Retrieval	Image Processing , Data Mining, Markovian Semantic Indexing, Image Annotation, Query Mining, Image Retrieval.	2013
80.	ITDIP03	Scalable Coding Of Encrypted Images	Image Processing , Image Compression, Image Encryption, Scalable Coding.	2012
81.	ITDMC01	CAM: Cloud-Assisted Privacy Preserving Mobile Health Monitoring	Mobile Computing , Cloud Computing, Security, Healthcare, Key Private Proxy Re-Encryption, Mobile Health , Decryption.	2013
82.	ITDMC02	Vampire Attacks: Draining Life from Wireless Ad Hoc Sensor Networks	Mobile Computing , Security, Denial Of Service, Routing, Ad Hoc Networks, Wireless Sensor Networks (WSN).	2013
83.	ITDMC03	ALERT: An Anonymous Location-Based Efficient Routing Protocol in MANETs	Mobile Computing , MANETs, Anonymity, Routing Protocol, Geographical Routing.	2013
84.	ITDMC04	Smooth Trade-Offs Between Throughput And Delay In Mobile Ad Hoc Networks	Mobile Computing , Mobile Ad Hoc Networks (MANETs), Throughput, Delay, Restricted Mobility.	2012
85.	ITDGC01	High Performance Resource Allocation Strategies for Computational Economies	Grid Computing , Cloud Computing, Networking, Economic Resource Allocation, Utility Computing.	2013
86.	ITDGC02	On the Design of Mutually Aware Optimal Pricing and Load Balancing Strategies for Grid Computing Systems	Grid Computing , Networking, Pricing, Load Balancing, Cost, Revenue, Response Time.	2013
87.	ITDGC03	Detecting And Resolving Firewall Policy Anomalies	Grid Computing , Firewall, Policy Anomaly Management, Access Control.	2012
88.	ITDMM01	An Adaptive Cloud Downloading Service	Multimedia , Cloud Computing, Networking, File Downloading, Helper, Peer - Peer,	2013
89.	ITDMM02	A Quantitative Model and Analysis of Information Confusion in Social Networks	Multimedia , Networking, Social Networks, Information, Confusion, Aggression, Passiveness.	2013



90.	ITDMM03	Reversible Data Hiding With Optimal Value Transfer	Multimedia , Distortion, Payload, Reversible Data Hiding .	2013
91.	ITDMM04	Prototype-Based Image Search Reranking	Multimedia , Image Retrieval, Image Search Re-Ranking.	2012
92.	ITDMM05	Privacy Enabled Digital Rights Management Without Trusted Third Party Assumption	Multimedia , Accountability, Blind Decryption, Digital Rights Management (DRM), Privacy.	2012
93.	ITDMM06	Aesthetics-Based Stereoscopic Photo Cropping For Heterogeneous Displays	Multimedia , Aesthetics, Multimedia Authoring, Photo Cropping, Stereoscopic Photography	2012

TECHNOLOGY: DOTNET

DOMAIN: NON-IEEE BASED PROJECTS

94.	DPEE01	Data Mining	Web Based Insurance Management System
95.	DPEE02	Data Mining	An Efficient Prediction Of Missing Items In Shopping Cart
96.	DPEE03	Data Mining	E- Book Management System
97.	DPEE04	Data Mining	Transportation Management Software
98.	DPEE05	Data Mining	Corporate E-Banking
99.	DPEE06	Data Mining	Ice Cream Parlour Management System
100.	DPEE07	Data Mining	Online Forum Interaction
101.	DPEE08	Data Mining	Online Share Marketing Review System
102.	DPEE09	Data Mining	Real Estate Development System
103.	DPEE10	Data Mining	Learning Management System
104.	DPEE11	Data Mining	Identification Of Dead Cell In Hospitality
105.	DPEE12	Network Security	Online Exam System
106.	DPEE13	Data Mining	Online Self-Assessment Tool
107.	DPEE14	Data Mining	Forum Concept in Health-Care Services
108.	DPEE15	Data Mining	Customer Relationship Management System



SPIRO ITA COURSE DETAILS

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

Education Partners:



Technologies and Domain used:

IEEE 2013, 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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- State of the art infrastructure, Innovative Project training methods.
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Mobile: 9176 615 615, 9176 613 613

VELLORE

#257, Sapthagiri Complex, 2nd Floor Katapadi Main Road, Vellore - 632 007 (Opp. Reliance Pertol Bunk)
Mobile: 9176 620 620

NAMAKKAL

89/1, Preethi Towers, Paramathi Road, Namakkal - 01. (Opp. Kanna Super Market)
Mobile: 9962 514 514

TRICHY

D-31, 1st Floor, 7th Cross (East), Thillai Nagar, (Opp Arasan Sweets & Bakery) Trichy - 6200181.
Mobile: 9176 649 649

ERODE

93, MGP Palace, Sathy Road, Erode, (Near College Coffee House)
Mobile: 9962 587 587

MADURAI

#178, 2nd Floor, Vakil New Street, Simmakal, Madurai - 625 001
Mobile: 9176 657 657

PONDICHERY

20, 1st Floor, 2nd Cross, Natesan Nagar, Pondichery - 05. (Indra Gandhi Square)
Mobile: 9176 694 694.

TIRUNELVELI

991/1A3, Antony Calvin Tower, 2nd Floor M.G.Raaj Trademark, South bye bass road, Nellai-627005. (Near New Bus Stand)
Mobile: 9176 617 617

Corporate Office: Spiro Solutions Pvt Ltd, #1, 3rd Floor, C.V.R Complex, Singaravelu St, Pondy Bazaar, T.Nagar, Chennai-17. Ph: 044-4264 1213. Mobile: 9962 067 067
Website: www.stupros.com

Traning Office: Spiro Solutions Pvt Ltd, #78, 3rd Floor, Usman Road, T.Nagar, Chennai-17. Mobile: 9791 044 044, 9176 644 044, E-Mail: projects@stupros.com. Website: www.stupros.com