TABLE OF CONTENTS

SPIRO

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.

SPIRO-Professional Student Process Academy is Subsidiary of Spiro solutions Pvt. Ltd . Over a decade, we are furnishing individuals in all technologies and domains by fulfilling their desires in Research & Development and IT Training sector through efficient training methodologies. All our efforts are focused on students to meet industry requirements. SPIRO-Professional Student Process Academy is a premier provider of IT Training, Research and Development ,Project Training skills across The India ,Singapore and the Malaysia We offer true competency-based programs, we guarantee quality, and we guarantee to lower your costs, all at the same time. SPIRO offers on-site training at your college location as well as a regular schedule of open-enrollment classes at frequent intervals in more than 25 cities Across India. Our courses cover over 60 different subject areas, including programming, Domain Training, Project Training and system administration skills. We offer stand-alone classes in addition to all-inclusive certification training tracks.

We believe that when it comes to training, you need to develop true competence in new skills, not just receive an overview of syntax and techniques. The best way to assure competence is through facilitated hands on practice. Our students spend at least 50% of their time in class performing structured hands on lab exercises that build competence, confidence, and clarity. Founded in 2005 by experienced professionals, SPIRO has served thousands of Institutes and Lakhs of individuals over the six years.

JAVA

Technology : JAVA
Domain : IEEE TRANSACTIONS ON NETWORKING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
1	ITJNW01	A Near-Optimal Algorithm Attacking the Topology Mismatch Problem in Unstructured Peer-to-Peer Networks.	In this project, we propose a novel topology matching algorithm based on the Metropolis-Hastings method. Our proposal is guided by our insight analytical model and is close to the optimal design.	2010
2	ITJNW02	Stabilization of Flood Sequencing Protocols in Sensor Networks	In this project we discuss a family of four flood sequencing protocols that use sequence numbers to distinguish between fresh and redundant flood messages. These four protocols are: a sequencing free protocol, a linear sequencing protocol, a circular sequencing protocol, and a differentiated sequencing protocol.	2010
3	ITJNW03	Update scheduling for improving consistency in distributed virtual environments	This project is to schedule state updates according to Distributed Virtual Environments (DVEs) potential impacts on consistency. In DVEs, the perceptions of participants are affected by both the spatial magnitude and temporal duration of inconsistency in the virtual world. Using the metric of time-space inconsistency, we analytically derive the optimal update schedules for minimizing the impact of inconsistency.	2010
4	ITJNW04	An Efficient and Adaptive Decentralized File Replication Algorithm in P2P File Sharing Systems	In this project we presents an Efficient and Adaptive Decentralized (EAD) file replication algorithm that achieves high query efficiency and high replica utilization at a significantly low cost. EAD enhances the utilization of file replicas by selecting query traffic hubs and frequent requesters as replica nodes, and dynamically adapting to non-uniform and time-varying file popularity and node interest.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
5	ITJNW05	Self-Consistent MPI Performance Guidelines	In this project we present Message passing using the Message-Passing Interface (MPI). We address the problem of ensuring performance consistency and portability by formulating performance guidelines and conditions management tools.	2010
6	ITJNW06	Group-Based Negotiations in P2P System	In this project we propose a novel peer group joining protocol. We introduce a highly expressive resource negotiation language, able to support the specification of a large variety of conditions applying to single peers or groups of peers.	2010
7	ITJNW07	A Global Contribution Approach to Maintain Fairness in P2P Networks	In this project we propose a points-based incentive mechanism named Global Contribution(GC) approach that efficiently and naturally maintains fairness in a P2P network	2010
8	ITJNW08	Predictable high performance Computing using Feedback and admission control	In this project we present a design and implementation of a predictable HPC system using feedback control and admission control. By creating a virtualized application layer and opportunistically multiplexing concurrent applications through the application of formal control theory, we regulate a jobs progress such that the job meets its deadline without requiring exclusive access to resources even in the presence of a wide class of unexpected events.	2010
9	ITJNW09	Modeling the Dynamics of Network Technology Adoption and the Role of Converters	In this project we develop an understanding of competition between network technologies and identify the extent to which different factors, in particular converters.	2010
10	ITJNW10	Weak State Routing for Large-Scale Dynamic Networks	In this project we propose the concept of weak state, which is interpreted as a probabilistic hint, not as absolute information about the destination nodes from routing table states. Weak state can remain valid without explicit messages by systematically reducing the confidence in its accuracy.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
11	ITJNW11	Lightweight Online Performance Monitoring and Tuning with Embedded Gossip	In this project, a new performance monitoring approach called Embedded Gossip (EG) is designed to enable lightweight online performance monitoring and tuning.	2009
12	ITJNW12	Privacy-Aware Collaborative Spam Filtering	In this project, a privacy-aware framework for collaborative spam filtering, preserving message transformation technique that is highly resilient against the latest kinds of spam attacks.	2009
13	ITJNW13	Dynamic Search Algorithm in Unstructured Peer-to-Peer Networks	In this project, we propose the dynamic search (DS) algorithm, which is a generalization of flooding and RW.	2009
14	ITJNW14	A Decentralized Method for Scaling Up Genome Similarity Search Services	This paper tackles this problem in a novel way, which treats sequence search requests as content requests to both genome databases and similarity detection methods.	2009
15	ITJNW15	Plexus: A Scalable Peer-to-Peer Protocol Enabling Efficient Subset Search	In this project, Plexus, a peer-to-peer search protocol that provides an efficient mechanism for advertising a bit sequence (pattern), and discovering it using any subset of its 1-bits.	2009
16	ITJNW16	Cooperative Secondary Authorization Recycling	In this project, an approach where each application server recycles previously received authorizations and shares them with other application servers to mask authorization server failures and network delays.	2009
17	ITJNW17	Robust Rate Control for Heterogeneous Network Access in Multihomed Environments	In this project, a novel robust flow control framework for heterogeneous network access by devices with multi-homing capabilities.	2009
18	ITJNW18	Quiver: Consistent Object Sharing for Edge Services	In This project (Quiver), a system that coordinates service proxies placed at the "edge" of the Internet to serve distributed clients accessing a service involving mutable objects.	2008

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
19	ITJNW19	A Model-Based Approach to Evaluation of the Efficacy of FEC Coding in Combating Network Packet Losses	In this project, we are going to evaluate the efficacy of FEC coding. To evaluate it, we are going to transfer data from Source to Destination.	2008
20	ITJNW20	Designing Less-Structured P2P Systems for the Expected High Churn	In this project, we propose a number of illustrative query-related strategies and organizational protocols that taking into consideration the expected session times of peers (their lifespan), yield systems with performance.	2008

Technology : JAVA
Domain : IEEE TRANSACTIONS ON DATA MINING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
21	ITJDM01	Multimodal Fusion for Video Search Reranking	In this project, we present a flexible and effective reranking method, called CR-Reranking, to improve the retrieval effectiveness. To offer high accuracy on the top-ranked results, CR-Reranking employs a cross-reference (CR) strategy to fuse multimodal cues. Specifically, multimodal features are first utilized separately to rerank the initial returned results at the cluster level, and then all the ranked clusters from different modalities are cooperatively used to infer the shots with high relevance.	2010
22	ITJDM02	Deriving Concept-Based User Profiles from Search Engine Logs	In this project we focus on search engine personalization and develop several concept-based user profiling methods that are based on both positive and negative preferences. We evaluate the proposed methods against our previously proposed personalized query clustering method. Experimental results show that profiles which capture and utilize both of the user's positive and negative preferences perform the best.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
23	ITJDM03	The Impact of Diversity on Online Ensemble Learning in the Presence of Concept Drift	In this project we present a new categorization for concept drift, separating drifts according to different criteria into mutually exclusive and non-heterogeneous categories.	2010
24	ITJDM04	Continuous Subgraph Pattern Search Over Certain and Uncertain Graph Streams	In this project we investigate a new problem on continuous subgraph pattern search under the situation where multiple target graphs are constantly changing in a stream style, namely the subgraph pattern search over graph streams.	2010
25	ITJDM05	Prospective Infectious Disease Outbreak Detection Using Markov Switching Models	In this project We considered the problem of identifying outbreak patterns in a syndrome count time series using Markov switching models. The disease outbreak states are modeled as hidden state variables which control the observed time series. A jump component is introduced to absorb sporadic extreme values that may otherwise weaken the ability to detect slow-moving disease outbreaks.	2010
26	ITJDM06	Effectively Indexing the Uncertain Space	In this project we introduce a novel R-Tree based inverted index structure, named UI-Tree, to efficiently support various queries including range queries, similarity joins and their size estimation, as well as top-k range query, over multidimensional uncertain objects against continuous or discrete cases.	2010
27	ITJDM07	Managing Multidimensional Historical Aggregate Data in Unstructured P2P Networks	In this project a P2P-based framework supporting the extraction of aggregates from historical multidimensional data is proposed, which provides efficient and robust query evaluation.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
28	ITJDM08	Clustering Uncertain Data using Voronoi Diagrams and R-Tree Index	In this project we propose pruning techniques that are based on Voronoi diagrams to reduce the number of expected distance calculation. Then introduce an R-tree index to organise the uncertain objects so as to reduce pruning overheads.	2010
29	ITJDM09	GLIP: A Concurrency Control Protocol for Clipping Indexing	In this project, a new concurrency control Protocol, GLIP, with an improved spatial indexing approach, the ZR+-tree.	2009
30	ITJDM10	Catching the Trend: A Framework for Clustering Concept-Drifting Categorical Data	In this project, the framework is practical for detecting drifting concepts in time-evolving categorical data.	2009
31	ITJDM11	IMine: Index Support for Item Set Mining	The IMine index is a novel index structure that supports efficient item set mining into a relational DBMS.	2009
32	ITJDM12	Progressive Parametric Query Optimization	We propose instead to progressively explore the parameter space and build a parametric plan during several executions of the same query.	2009
33	ITJDM13	Interactive Correction and Recommendation for Computer Language Learning and Training	In this project, our automated tutoring system provides a realistic training environment for database programming. Automated tutoring is time and location independent	2009
34	ITJDM14	C-TREND: Temporal Cluster Graphs for Identifying and Visualizing Trends in Multiattribute Transactional Data.	We present our temporal clustering-based technique, discuss its algorithmic implementation and performance, demonstrate applications of the technique by analyzing the data in share market.	2008
35	ITJDM15	A Signature-Based Indexing Method for Efficient Content-Based Retrieval of Relative data's.	We propose a signature-based indexing method to optimize the storage and retrieval of a relative data's from the large database.	2008

Technology : JAVA
Domain : IEEE TRANSACTIONS ON NETWORK SECURITY

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
36	ITJNS01	A Puzzle-Based Defense Strategy Against Flooding Attacks Using Game Theory	This project utilizes game theory to propose a series of optimal puzzle-based strategies for handling increasingly sophisticated flooding attack scenarios.	2010
37	ITJNS02	An Advanced Hybrid Peer-to-Peer Botnet	In this project, we present the design of an advanced hybrid peer-to-peer botnet. Compared with current botnets, the proposed botnet is harder to be shut down, monitored, and hijacked. It provides robust network connectivity, individualized encryption and control traffic dispersion, limited botnet exposure by each bot, and easy monitoring and recovery by its botmaster.	2010
38	ITJNS03	Cross-Domain Data Sharing in Distributed Electronic Health Record System	In this project we propose a secure EHR system, based on cryptographic constructions, to enable secure sharing of sensitive patient data during cooperation and preserve patient data privacy. Our EHR system further incorporates advanced mechanisms for fine-grained access control, and on-demand revocation, as enhancements to the basic access control offered by the delegation mechanism, and the basic revocation mechanism.	2010
39	ITJNS04	Impact of Feature Reduction on the Efficiency of Wireless Intrusion Detection Systems	In this project, we propose a novel hybrid model that efficiently selects the optimal set of features in order to detect 802.11-specific intrusions. Our model for feature selection uses the information gain ratio measure as a means to compute the relevance of each feature and the k-means classifier to select the optimal set of MAC layer features that can improve the accuracy of intrusion detection systems while reducing the learning time of their learning algorithm.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
40	ITJNS05	On the Quality of Service of Crash-Recovery Failure Detectors	In this project we model the probabilistic behavior of a system comprising a failure detector and a monitored crash-recovery target. We extend failure detectors to take account of failure recovery in the target system. This involves extending QoS measures to include the recovery detection speed and proportion of failures detected.	2010
41	ITJNS06	Modeling and Detection of Camouflaging Worm	In this project we investigate a new class of active worms, referred to as Camouflaging Worm (C-Worm in short). The C-Worm is different from traditional worms because of its ability to intelligently manipulate its scan traffic volume over time.	2010
42	ITJNS07	Efficient Node Admission and Certificate less Secure Communication in Short-Lived MANETs	This project, we focus on a common type of MANET that is formed on a temporary basis, and present a secure, efficient, and a fully no interactive admission technique geared for this type of a network.	2009
43	ITJNS08	Mitigating Denial-of-Service Attacks on the Chord Overlay Network: A Location Hiding Approach	In this project Location Guard—a location hiding technique for securing overlay file storage systems from targeted file attacks	2009
44	ITJNS09	A Routing-Driven Elliptic Curve Cryptography Based Key Management Scheme for Heterogeneous Sensor Networks	In this project a novel routing-driven key management scheme, this only establishes shared keys for neighbor sensors that communicate With each other.	2009
45	ITJNS10	Efficient and Secure Content Processing and Distribution by Cooperative Intermediaries.	Content services such as content filteringandtranscodingadaptcontents to meet system requirements, display capacities, or user preferences	2008
46	ITJNS11	Security in Large Networks Using Mediator Protocols	This project presents quantum key distribution protocols (QKDPs) to safeguard security in large networks, ushering in new directions in classical cryptography and quantum cryptography	2008

Technology : JAVA
Domain :IEEE TRANSACTIONS ON SOFTWARE ENGINEERING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
47	ITJSW01	An Experience in Testing the Security of Real-World Electronic Voting Systems	This project proposes major security vulnerabilities that could compromise the confidentiality, integrity, and availability of the voting process. These vulnerabilities allowed us to develop virus-like malware that can spread from one component of the system to another, eventually taking control of all aspects of vote casting and tallying.	2010
48	ITJSW02	Assessing Software Service Quality and Trustworthiness at Selection Time	This project describes a framework for reputation-aware software service selection and rating. A selection algorithm is devised for service recommendation, providing SaaS consumers with the best possible choices based on quality, cost, and trust. An automated rating model, based on the expectancy-disconfirmation theory from market science, is also defined to overcome feedback subjectivity issues.	2010
49	ITJSW03	Empirical Studies of Pair Programming for CS/SE Teaching in Higher Education	This project is to present the current evidence relative to the effectiveness of pair programming(PP) as a pedagogical tool in higher education CS/SE courses. METHOD – We performed a systematic literature review (SLR) of empirical studies that investigated factors affecting the effectiveness of PP for CS/SE students and studies that measured the effectiveness of PP for CS/SE students.	2010
50	ITJSW04	Finding Bugs in Web Applications Using Dynamic Test Generation and Explicit State Model Checking	In this project we present a dynamic test generation technique for the domain of dynamic web applications. The technique utilizes both combined concrete and symbolic execution and explicit-state model checking.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
51	ITJSW05	Optimized Resource Allocation for Software Release Planning	In the context of release planning, the question studied in this paper is how to allocate these resources to the tasks of implementing the features such that the value gained from the released features is maximized	2009
52	ITJSW06	Engineering Privacy	In this paper, we integrate insights from diverse islands of research on electronic privacy to offer a holistic view of privacy engineering and a systematic structure for the discipline's topics.	2009
53	ITJSW07	Using the Conceptual Cohesion of Classes for Fault Prediction in Object-Oriented Systems	In this paper presents the principles and the technology that stand behind the C3 measure. A large case study on three open source software systems is presented which compares the new measure with an extensive set of existing metrics and uses them to construct models that predict software faults	2008
54	ITJSW08	Call-Stack Coverage for GUI Test Suite Reduction	In this paper we proposed System unstructural information is retrieved from the source code like comments and identifiers.	2008

Technology : JAVA
Domain : IEEE TRANSACTIONS ON IMAGE PROCESSING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
55	ITJIM01	Improving Shape Retrieval by Spectral Matching and Meta Similarity	In this project we propose two computational approaches for improving the retrieval of planar shapes. First, we suggest a geometrically motivated quadratic similarity measure We also introduce a shape meta-similarity measure that agglomerates pair wise shape similarities and improves the retrieval accuracy.	2010
56	ITJIM02	Registering a MultiSensor Ensemble of Images	In this project we propose a maximum-likelihood clustering method that registers all the images in a multisensory ensemble simultaneously. Experiments involving rigid-body and affine transformations show that the clustering method is more robust and accurate than competing pairwise registration methods.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
57	ITJIM03	An Affine Symmetric Image Model and Its Applications	In this project, an affine symmetric image model is considered. It provides a flexible scheme to exploit geometric redundancy. A patch of texture from an image is rotated, scaled and sheared to approximate other similar parts in the image.	2010
58	ITJIM04	A Two-Channel Overlapped Block Transform for Image Compression	In this project, a new two-channel overlapped block transform is introduced by pre filtering the Haar transform. The pre filtering employs plane rotations with one single rotation angle to achieve high Computational efficiency. The resulting transform is equivalent to a periodically time-varying (PTV) filter Bank.	2010
59	ITJIM05	Bayesian Image Recovery for Dendritic Structures Under Low Signal-to-Noise Conditions	In this project, we present a Bayesian approach for estimating the neuronal shape given low-SNR observations.	2009
60	ITJIM06	Empirical Capacity of a Recognition Channel for Single- and Multipose Object Recognition Under the Constraint of PCA Encoding	In this project, we evaluate the empirical recognition capacity of PCA-based object recognition systems. The encoded data (templates) and the additive noise in query templates are modeled to be Gaussian distributed with zero mean and estimated variances.	2009
61	ITJIM07	A No-Reference Objective Image Sharpness Metric Based on the Notion of Just Noticeable Blur (JNB)	This work presents a perceptual-based no-reference objective image sharpness/ blurriness metric by integrating the concept of just noticeable blur into a probability summation model.	2009
62	ITJIM08	Incremental Learning of Chunk Data for Online Pattern Classification Systems	In This project ,a pattern classification system in which feature extraction and classifier learning are simultaneously carried out not only online but also in one pass where training samples are presented only once	2008

Technology : JAVA
Domain : IEEE TRANSACTIONS MOBILE COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
63	ITJMC01	Energy-Efficient Reprogramming of a Swarm of Mobile Sensors	In this project, we propose ReMo, an energy-efficient, multihop reprogramming protocol for mobile sensor networks. Without making any assumptions on the location of nodes, ReMo uses the LQI and RSSI measurements of received packets to estimate link qualities and relative distances with neighbors in order to select the best node for code exchange.	2010
64	ITJMC02	Schedule Adaptation of Low-Power-Listening Protocols for Wireless Sensor Networks	In this project we propose network-aware adaptation of the specific succession of repeated packets over the ti interval (the "MAC schedule"), which yields significant energy savings.	2010
65	ITJMC03	Optimize Storage Placement in Sensor Networks	In this project the objective is to address the storage node placement problem aiming to minimize the total energy cost for gathering data to the storage nodes and replying queries.	2010
66	ITJMC04	Efficient Load-Aware Routing Scheme for Wireless Mesh Networks	This project proposes a load-aware routing scheme for wireless mesh networks(WMNs). In a WMN, the traffic load tends to be unevenly distributed over the network. In this situation, the load-aware routing scheme can balance the load, and consequently enhance the overall network capacity.	2010
67	ITJMC05	Efficient Broadcasting in Mobile Ad Hoc Networks	In our project two efficient broadcasting algorithms based on 1-hop neighbor information. In the first part of the paper, we consider sender-based broadcasting algorithms, specifically the algorithm proposed by Liu et al.	2009
68	ITJMC06	A Tabu Search Algorithm for Cluster Building in Wireless Sensor Networks	In this project The main challenge in wireless sensor network deployment pertains to optimizing energy consumption when collecting data From sensor nodes.	2009

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
69	ITJMC07	Headlight Prefetching and Dynamic Chaining for Cooperative Media Streaming in Mobile Environments	In this project our goal is to Sharing audio and video resources between Media environments	2009
70	ITJMC08	Mitigating Performance Degradation In Congested Sensor Network	In this project We propose a class of algorithms that enforce differentiated routing based on the congested areas of a network and data priority.	2008
71	ITJMC09	Location-Based Spatial Query Processing In Wireless Broadcast Environments	In this project Our approach is based on peer-to-peer sharing, which enables us to process queries without delay at a mobile host by using query results cached in its neighboring mobile peers	2008

Technology : JAVA
Domain : IEEE TRANSACTIONS ON GRID COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
72	ITJGC01	Demand Response Scheduling by Stochastic SCUC	This project presents a stochastic model to schedule reserves provided by DR in the wholesale electricity markets. Demand-side reserve is supplied by demand response providers (DRPs), which have the responsibility of aggregating and managing customer responses.	2010
73	ITJGC02	Collective Receiver-initiated Multicast for Grid Applications	In this paper we present Robber, a collective, receiver-initiated, high-throughput multicast approach inspired by the BitTorrent protocol. Unlike BitTorrent, Robber is specifically designed to maximize the throughput between multiple cluster computers. Nodes in the same cluster work together as a collective that tries to steal data from peer clusters.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
74	ITJGC03	Expanding Service Capacities and Increasing Service Reliabilities for the Grid-Based Utility Computing	In this project, the considered problem is decomposed into master and slave sub problems, with theoretical justification, and a computationally efficient two-level iterative method that is used in solving it is proposed. The computational efficiency of the proposed method greatly exceeds a genetic algorithm with an exact model.	2010
75	ITJGC04	Automatic Generation of Multi-Core Chemical Kernels	This project presents KPPA (the Kinetics Pre-Processor: Accelerated), a general analysis and code generation tool that achieves significantly reduced time-to-solution for chemical kinetics kernels on three multi-core platforms: NVIDIA GPUs using CUDA, the Cell Broadband Engine, and Intel Quad-Core Xeon CPUs.	2010
76	ITJCC05	Independently Verifiable Decentralized Role-Based Delegation	In this project we present an independently verifiable delegation mechanism, where a delegation credential can be verified without the participation of domain administrators. Our protocol, called role-based cascaded delegation (RBCD), supports simple and efficient cross-domain delegation of authority. RBCD enables a role member to create delegations based on the dynamic needs of collaboration; in the meantime, a delegation chain can be verified by anyone without the participation of role administrators.	2010
77	ITJGC06	TCP Performance in Flow-Based Mix Networks: Modeling and Analysis	In this project, we systematically address TCP performance issues of flow-based mix networks. A mix's batching and reordering schemes can dramatically reduce TCP throughput due to out-of-order packet delivery	2009
78	ITJGC07	Eight Times Acceleration of Geospatial Data Archiving and Distribution on the Grids	In this project a grid-powered Web Geographical Information Science (GIS)/Web Processing Service (WPS) system has been developed for archiving and distributing large volumes of geospatial data.	2009

Technology : JAVA
Domain : IEEE TRANSACTIONS ON MULTIMEDIA

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
79	ITJMM01	Network Awareness of P2P Live Streaming Applications: A Measurement Study	In this project our goal is to assess what level of "network awareness" has been embedded in the applications. We first define a general framework to quantify which network layer parameters leverage application choices.	2010
80	ITJMM02	A Multimedia Quality-Driven Network Resource Management Architecture For Wireless Sensor Networks With Stream Authentication	In this project, we propose a quality-driven scheme to optimize stream authentication and unequal error protection (UEP) jointly. This scheme can provide digital image authentication, image transmission quality optimization, and high energy efficiency for WMSN.	2010
81	ITJMM03	An Adaptive Strategy for Mobile Ad Hoc Media Streaming	In this project we propose the technique which improves the prediction accuracy by incorporating the 802.11 Auto-Rate Fallback (ARF) scheme along with two popular mobility models: the random waypoint and the random walk mobility models.	2010
82	ITJMM04	Browsing Video Along Multiple Threads	This paper describes a novel method for browsing a large video collection. It links various forms of related video fragments together as threads. These threads are based on query results, the timeline as well as visual and semantic similarity. We design two interfaces which use threads as the basis for browsing. One Interface shows a minimal set of threads and the other as many as fit on the screen.	2010
83	ITJMM05	Unseen Visible Watermarking: A Novel Methodology for Auxiliary Information Delivery via Visual Contents	In this project, a novel data hiding scheme, denoted as unseen visible watermarking (UVW), is proposed. In UVW schemes, hidden information can be embedded covertly and then directly extracted using the human visual system as long as appropriate operations are performed.	2009
84	ITJMM06	Segmentation-Driven Image Fusion Based on Alpha-Stable Modeling of Wavelet Coefficients	In this project, A novel region-based image fusion framework based on multiscale image segmentation and statistical feature extraction is proposed	2009

Technology : JAVA
Domain : NON-IEEE BASED PROJECTS

S.NO	PROJECT CODE	DOMAIN	PROJECT TITLES	DESCRIPCTION
1	JPEE01	Software eng	On-LineJavaCompiler with Security Editor	This project will Compile and run the java program in on-Line.
2	JPEE02	Networking	Client Server Communication Using Multi-Tasking-Sockets	This project is of client server communication with multi tasking sockets.
3	JPEE03	Network Security	Bit-Plane Complexity Segmentation Steganography in Internet	Steganography is a technique to hide secret information in some other data without leaving any apparent evidence of data alteration. This new Steganography uses an image as the vessel data, and we embed secret information in the bit-planes of the vessel.
4	JPEE04	Networking	Self-Interested Routing in Online Environments	To evaluate the performance of selfish routing based on realistic topologies and traffic demands. Such performance benefit comes at the expense of significantly increased congestion.
5	JPEE05	Network Security	Data transmission using Implicit and Explicit Quantum Cryptography	This project is used to provide authenticated secure communication between sender and receiver
6	JPEE06	Networking	Video streaming in multiple system	This project is about transmitting video between system using multi sockets in java.
7	JPEE07	Networking	Data Transmit ion Using RMI	In this project, evaluate the performance by transferring different types of files such as text, image and video using different methods.
8	JPEE08	Networking	Data Management System Using Proxies	In this project, the details of the organization are managed with net enabled technologies. The entire details of the organization like branch details, employee details, job scheduling are maintained using distributed computing technologies
9	JPEE09	Networking	Efficient data Transferring Using TCP/IP	Service prioritization among different traffic classes is an important goal for the Internet. Consider the existing best-effort class as the low-priority class, and attempt to develop mechanisms that provide “better-than-best-effort” service.
10	JPEE10	Network Security	Data Security using Cryptography and Steganography	This project ensures the privacy of the communication between two parties. It uses Audio file Steganography.

J2EE

Technology : J2EE
Domain : IEEE TRANSACTIONS

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
1	ITJ2EE01	Research on B2B E-Business System of Bookshop Based on Web Service	This project applies the model to B2B E-Business System of Bookshop, which includes the management subsystem of order, book information, bookshop information, bill information, and customer relations.	2010
2	ITJ2EE02	Blog Miner: Web Blog Mining Application for Classification of Movie Reviews	We introduce an architecture, implementation, and evaluation of a Web blog mining application, called the Blog Miner, which extracts and classifies people's opinions and emotions (or sentiment) from the contents of weblogs about movie reviews.	2010
3	ITJ2EE03	Ontology Concepts for Requirements Engineering Process in E-Government Applications	This project develops ontology (mainly concepts) in the domain of requirements engineering process for E-gov applications. This contributes in enabling software engineers to find out shared-understandable and common concepts to describe requirements for different domain models used in developing E-gov applications.	2010
4	ITJ2EE04	Towards innovative business modeling for sustainable eHealth applications	This project describes what business models are and what their potential for designing and implementing eHealth applications.	2010
5	ITJ2EE05	Predicting Prefix Availability in the Internet	In this project we develop a framework for predicting long-term prefix availability, given short-duration prefix information from publicly available BGP routing databases.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
6	ITJ2EE06	Guest Editors' Introduction: Knowledge and Data Engineering for E-Learning	The rapid development of Web-based learning and new concepts like virtual classrooms, virtual laboratories, and virtual universities introduces many new issues to be addressed.	2009
7	ITJ2EE07	A Semantically Enriched Clinical Guideline Model Enabling Deployment in Heterogeneous Healthcare Environments	In this project, we provide machine-processable mechanisms that express the semantics of clinical guideline interfaces so that automated processes can be used to access the clinical resources for Guideline deployment and execution.	2009
8	ITJ2EE08	An Efficient and Effective Personalized Recommender System of TV Programs	The proposed hybrid approach (combining content-filtering techniques with those based on collaborative filtering) also provides all typical advantages of any social network as comments, tagging, ratings, etc.	2009
9	ITJ2EE09	Clustering and Sequential Pattern Mining of Online Collaborative Learning Data	The goal is to enable the groups and their facilitators to see relevant aspects of the group's operation and provide feedbacks if these are more likely to be associated with positive or negative outcomes and indicate where the problems are.	2009

Technology : J2EE
Domain : NON-IEEE BASED PROJECTS

S.NO	PROJECT CODE	DOMAIN	PROJECT TITLES	DESCRIPCTION
1	J2PEE01	Web application	Examination Result Management System	This project is developed for college students to view their semester results and to maintain their information
2	J2PEE02	Web application	Global Web Rating	This project holds the rating procedure of the website.

S.NO	PROJECT CODE	DOMAIN	PROJECT TITLES	DESCRIPCTION
3	J2PEE03	Web application	Online Employment Scheme	This project is to maintain the information for job seekers.
4	J2PEE04	Web application	Online Application Test For Agent	In this project we proposed an agent based approach for web testing.
5	J2PEE05	Web application	Online Share Trading	In this project we maintain the Share information with the particular share information and the all share details.
6	J2PEE06	Web application	Online Examination for Recruitment process	In this project, Online examination is the process of conducting the exam through online. This web application
7	J2PEE07	Web application	Online Insurance Management System	In this project, Online insurance is web application which is used to tracking the details About insurance policy, customer details and company details.
8	J2PEE08	Web application	Computer Purchase Expert	In this project, the details of the computer peripherals are stored by the vendors for customer reference
9	J2PEE09	Web application	Online Auction And Time Bid Watching	In this project, the user purchase the product based on the auction
10	J2PEE10	Web application	Attraction of customers using Customer relationship management	In this project we collect customer details in order to improve the relationship between customer and seller.

DOTNET

Technology : DOTNET
Domain : IEEE TRANSACTIONS ON NETWORKING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
1	ITDNW01	Active Monitoring and Alarm Management for Fault Localization in Transparent All-Optical Networks	Itfocusestheerrorlocations(Localization) which is occurring on the Optical Networks and when we monitoring the fault localization, we arrange the alarm to make active the users.	2010
2	ITDNW02	Coupling-Based Internal Clock Synchronization for Large-Scale Dynamic Distributed Systems	This project analyzes an evaluation of the convergence speed and the synchronization error to improve performance and very good self-organizing properties.	2010
3	ITDNW03	Logoot-Undo: Distributed Collaborative Editing System on P2P Networks	This project presents the Logoot-Undo Commutative Replicated Data Type algorithm, which integrates the “undo anywhere, anytime” feature on the replicated data’s in peer to peer network for reducing the cost of undo feature.	2010
4	ITDNW04	SocioNet: A Social-Based Multimedia Access System for Unstructured P2P Networks	This paper proposes SocioNet, based on the relationship form social network and share contents by preference. Sharing takes place in 3 ways such as regular, small world, random.	2010
5	ITDNW05	Optimal Resource Placement in Structured Peer-to-Peer Networks	This Paper proposes an optimal resource (replica or link) placement strategy, which can optimally trade off the performance gain and paid cost in Peer-to-Peer Networks	2010
6	ITDNW06	On the Benefits of Cooperative Proxy Caching for Peer-to-Peer Traffic	This paper proposes a data storage technic in temporary manner during the traffic between peers to make them to access and replace the data’s easily without collision.	2010
7	ITDNW07	ActiveQueueManagement for Flow Fairness and stable Queue Length	This paper proposes, Two major goals of queue management are flow fairness and queue-length stability. High-bandwidth flows are identified via a multi-level caching technique	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
8	ITDNW08	On the Cost of Network Inference Mechanisms	This paper proposes to predict the network traffic injected by inference mechanisms, and use this knowledge to replace direct measurement traffic by Inference when the cost of direct measurement exceeds that of inference.	2010
9	ITDNW09	Correlation-Based Traffic Analysis Attacks on Anonymity Networks	This paper proposes attacks that exploit the timing behavior and applications in low-latency Anonymity networks.	2010
10	ITDNW10	Multiuser Diversity Gain in Cognitive Networks	This paper proposes, An large cognitive networks granted concurrent spectrum access with license-holding users and Dynamic allocation of resources to the best link in multiuser networks	2010
11	ITDNW11	Sharing Memory between Byzantine Processes Using Policy-Enforced Tuple Spaces	This system protecting shared memory from the unauthorized node in Network by fine-grained access policies and it will Transfer the data's in a network using byzantine process.	2009
12	ITDNW12	A Trace-Driven Approach to Evaluate the Scalability of P2P-Based Video-on-Demand Service	This model proposes improving the scalability of video-on-demand service over Internet by analyzing user behavior.	2009
13	ITDNW13	Reputation-based Resource Allocation in P2P Systems of Rational Users	In this project, File uploading and downloading in peers through backbone network can be done using this project.	2009
14	ITDNW14	On the Time Synchronization of Distributed Log Files in Networks With Local Broadcast Media	Computer networks typically contain a set of log files; these clocks are not perfectly accurate and deviate from each other. The project introduces Clock deviations and event time, can be estimated with very high accuracy, without introducing any additional traffic in the network.	2009
15	ITDNW15	Measuring Capacity Bandwidth of Targeted Path Segments	In this project we are measuring the capacity of network bandwidth using 1. Single packet probing method. 2. Packet bunch probing method. 3. Uniform packet-pair probing method. 4. Non-Uniform packet pair Probing method.	2009

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
16	ITDNW16	Effective Collaboration with Information Sharing in Virtual Universities	This paper aims to build a new rule-based framework to identify and address issues of sharing in virtual university environments through role-based access control (RBAC) management for e-learning systems	2009
17	ITDNW17	The Globus Replica Location Service:Design and Experience	This Project proposes Replica Location Service (RLS) offers a mechanism to maintain and provide information about physical locations of replicas in network.	2009
18	ITDNW18	Enhancing Downlink Performance in Wireless Networks by Simultaneous Multiple Packet Transmission	In this paper, we consider using simultaneous Multiple Packet Transmission (MPT) to improve the downlink performance of Networks. The sender can send two compatible packets simultaneously to two distinct receivers	2009
19	ITDNW19	Rateless Forward Error Correction for Topology-Transparent Scheduling	In this project we are going to find active and inactive systems in the network finally send data to active system using rate less forward error correction	2008
20	ITDNW20	Minimizing File Download Time in Stochastic Peer-to-Peer Networks	In this project we minimize the download time of a file by splitting into too many parts and storing in different servers.	2008

Technology : DOTNET
Domain : IEEE TRANSACTIONS ON DATA MINING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
21	ITDDM01	Bridging Domains Using World Wide Knowledge for Transfer Learning	This paper proposes, a novel transfer learning approach, called BIG (Bridging information Gap), to effectively extract useful knowledge in a worldwide knowledge base.	2010
22	ITDDM02	Towards an Effective XML Keyword Search	This paper proposes specific guidelines that a search engine should meet in both search intention identification and Relevance oriented ranking for search results.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
23	ITDDM03	Knowledge-Based Interactive Post mining of Association Rules Using Ontologies	This paper proposes a new interactive approach to prune and filter discovered rules. 1) Integration of user knowledge in the post processing task. 2) The Rule Schema formalism extending the specification language for user expectations	2010
24	ITDDM04	δ-Presence without Complete World Knowledge	This project are increasing both the need for anonymized data and the risks of poor anonymization and we presented a new privacy metric, δ-presence, that clearly links the quality of anonymization to the risk posed by poor anonymization.	2010
25	ITDDM05	Asking Generalized Queries to Domain Experts to Improve Learning	This paper proposes novel active learning algorithm that asks good generalized queries. then, extend our algorithm to construct New, hierarchical features for both nominal and numeric attributes.	2010
26	ITDDM06	Authenticated Multi-Step Nearest Neighbor Search	In this project, we are using NN concept to provide similarity search results with trustiness to proof the result correctness. A client gives NN queries to a server that maintains a database signed by a trusted authority.	2010
27	ITDDM07	On Computing Farthest Dominated Locations	This project using the concept of Data mining such as NN and closest Pair. Based on the client's query, the database will be giving the nearest datasets and by the using Closest-Pair concept, we can point the object (data) location and neglect spatial location.	2010
28	ITDDM08	Closing the Loop in Webpage Understanding	This project focuses on the concept of information extraction is processing from a web page and its content.	2010
29	ITDDM09	Optimal Lot Sizing Policies for Sequential Online Auctions	This project is to Reduce lots (number of items) sizes for online selling or buying.	2009
30	ITDDM10	Monitoring Online Tests through Data Visualization	This project is to monitor learner's behavior through an online test through graphical representation.	2009

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
31	ITDDM11	Distributional Features for Text Categorization	This project is to categorize the text in a document by using compactness based features and distributional features.	2009
32	ITDDM12	Storing and Indexing Spatial Data in P2P Systems	This project is to store and share the spatial information in P2P Systems.	2009
33	ITDDM13	Detecting, Assessing, and Monitoring Relevant Topics in Virtual Information Environments	This Project is to assess the relevance of topics and related sources in information-rich environments.	2009
34	ITDDM14	Predicting Missing Items in Shopping Carts	This project is to predict the missing items in a shopping cart using DS Theory	2009
35	ITDDM15	Ranking and Suggesting Popular Items	This Project is to identify the clusters quality using indices based on decision theory.	2009

Technology : DOTNET
Domain : IEEE TRANSACTIONS ON NETWORK SECURITY

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
36	ITDNS01	Shifting Inference Control to User Side: Architecture and Protocol	This project solve the issue of database security to the inference problem by using ICM and ACM, which are used for control the information of database by security protocols.	2010
37	ITDNS02	Reliability for Networked Storage Nodes	This paper proposes, an alternatives for distributing components and paths redundancy and models to determine the reliability of Distributed systems	2010
38	ITDNS03	A Secure Decentralized Erasure Code for Distributed Networked Storage	This Paper Proposes secure decentralized erasure code, which combines a threshold public key encryption scheme and a variant of the decentralized erasure code.	2010

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
39	ITDNS04	Automated Derivation of Application-specific Error Detectors Using Dynamic Analysis	In this project, we have to check and reduce all the possibilities of error occurring while the specified application is executed and also We reduce the error detection by rule-based concept.	2010
40	ITDNS05	Using Web-Referral Architectures to Mitigate Denial-of-Service Threats	In this paper, we systematically design a security-driven scheduling architecture that can dynamically measure the trust level of each node in the system by using differential equations	2010
41	ITDNS06	In-Depth Packet Inspection Using a Hierarchical Pattern Matching Algorithm	This paper proposes a novel Enhanced Hierarchical Multipattern Matching Algorithm (EHMA) for packet inspection. Based on the occurrence frequency of grams, a small set of the most frequent grams is discovered and used in the EHMA	2010
42	ITDNS07	Enhanced Security for Online Exams Using Group Cryptography	This project proposes enhanced secure online exam management environment mediated by group cryptography using remote monitoring and control of ports.	2009
43	ITDNS08	The Effectiveness of Checksums for Embedded Control Networks	This project is to detect data transmission errors by using checksum computations and Embedded Control Networks.	2009
44	ITDNS09	A Large-Scale Hidden Semi-Markov Model for Anomaly Detection on User Browsing Behaviors	This project is to achieve early attack detection and filtering for the application layer-based DDOS attack by using extended Hidden semi-Markov model.	2009
45	ITDNS10	Credit Card Fraud Detection Using Hidden Markov Model	In this project we are going to find the fraud in the credit card through hidden markov model.	2008
46	ITDNS11	An SSL Back-End Forwarding Scheme in Cluster-Based Web Servers	In this project, data can encrypt from server and store in multiple system. Encrypted data can download from in decrypted form. This will reduce the load of the server while the server is being busy. These are the advantages of our proposed system.	2007

Technology : DOTNET
Domain : IEEE TRANSACTIONS ON SOFTWARE ENGINEERING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
47	ITDSW01	Software Module Clustering as a Multi–Objective Search Problem	In this context, we use the INTEGRATION TESTING into Modules to approach to evaluate the effectiveness of the Multi-objectives approach.	2010
48	ITDSW02	Migrating from Per-Job Analysis to Per-Resource Analysis for Tighter Bounds of End-to-End Response Times	In this project, we have to validating 1) Real time behaviors of the complex software system. 2) End to end response time analysis for finds the worst case. 3) Multiple visit problem	2010
49	ITDSW03	GUI Interaction Testing: Incorporating Event Context	This project proposes how the user is interacting with the software so we using the GUI testing to the interaction.	2010
50	ITDSW04	Learning a Metric for Code Readability	In this project, we use the automated code readability concept to check the manual readability effort of the people for testing the coding	2010
51	ITDSW05	Variability and Reproducibility in Software Engineering: A Study of Four Companies that Developed the Same System	This paper proposes increasing Reproducibility and Quality in Software product	2009
52	ITDSW06	Predicting Project Velocity in XP Using a Learning Dynamic Bayesian Network Model	This Project, Accurate prediction and risk assessment in XP using Bayesian Network Model	2009
53	ITDSW07	The Effect of Pairs in Program Design Tasks	In this project efficiency of pairs in program design tasks is identified by using pair programming concept. Pair programming involves two developers simultaneously collaborating with each other on the same programming task to design and code a solution.	2008
54	ITDSW08	Effective Software Merging in the Presence of Object-Oriented Refactorings	In this project we provide very clear insights in terms of the kinds of benefits that can be expected from using UML and the factors limiting or boosting such benefits	2008

Technology : DOTNET
Domain : IEEE TRANSACTIONS ON IMAGE PROCESSING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
55	ITDIP01	Sparse Bayesian Learning of Filters for Efficient Image Expansion	This Paper proposes a framework for expanding a given image using an interpolator that is trained in advance with training data, based on sparse Bayesian estimation	2010
56	ITDIP02	Image Inpainting by Patch Propagation Using Patch Sparsity	This paper introduces a novel examplar-based inpainting Algorithm through investigating the Sparsity of natural Image patches.	2010
57	ITDIP03	In-Image Accessibility Indication	This paper proposes an in-image accessibility indication scheme, which aims to automatically point out regions in which the content can hardly be recognized by colorblind viewers in a manually designed image. The proposed method first establishes a set of points around which the patches are not prominent enough for colorblind viewers due to the loss of color information.	2010
58	ITDIP04	Adaptive Kernel-Based Image Denoising Employing Semi-Parametric Regularization	The proposed methodology has the advantage that it is able to remove any kind of additive noise (impulse, gaussian, uniform, etc.) using Adaptive Kernel-Based Image Denoising technics.	2010
59	ITDIP05	Sharpening Dermatological Color Images in the Wavelet Domain	This Project proposes Finding boundaries in the image and Adaptive image demising.	2009
60	ITDIP06	Active Learning Methods for Interactive Image Retrieval	In this project, we search a image with respect to RGB combination and the difference is plotted in a graph.	2008
61	ITDIP07	Digital Image Processing Techniques for the Detection and Removal of Cracks in Digitized Paintings	In this proposed project, system involves exact crack detection and filling procedure. It involves top-hat transformation, region-growing algorithm (grassfire algorithm) and median filter procedures.	2007

Technology : DOTNET
Domain : IEEE TRANSACTIONS MOBILE COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
62	ITDMC01	Optimal Accounting Policies for AAA Systems in Mobile Telecommunications Networks	This Paper Proposes an adaptive optimization mechanism in multiservice AAA systems which limits the potential loss without excessively generating unnecessary usage reports	2010
63	ITDMC02	Uncertainty Modeling and Reduction in MANETs	This paper Proposes a technic to efficiently reduce uncertainty and proactive Schemes exploit mobile nodes to collect and broadcast trust information to achieve trust convergence.	2010
64	ITDMC03	Decentralized QoS-Aware Check pointing Arrangement in Mobile Grid Computing	This project provides a Quality-of-Services to the requester by the concept of Checkpoints arrangement. This approach gives securable transactions among a network.	2010
65	ITDMC04	MABS: Multicast Authentication Based on Batch Signature	This paper proposes the scheme (MABS-B) eliminates the correlation among packets by using batch signature. This supports the authentication of any number of packets Simultaneously.	2010
66	ITDMC05	Two-Factor User Authentication in Wireless Sensor Networks	In this project, Accessing the data using two-factor user authentication and session key in web.	2009
67	ITDMC06	Signaling for Multimedia Conferencing in Stand-Alone Mobile Ad Hoc Networks	This Project, Passing data through invitation of neighboring nodes and an algorithm proposed for the same.	2009
68	ITDMC07	Benefit-Based Data Caching in Ad Hoc Networks	This project, proposes to improve the efficiency of information access in a wireless ad hoc network by reducing the access latency and bandwidth usage.	2008

Technology : DOTNET
Domain : IEEE TRANSACTIONS ON GRID COMPUTING

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
69	ITDGC01	FS2You: Peer-Assisted Semi-Persistent Online Hosting at a Large Scale	This paper proposes FS2You, a large-scale and real-world online file hosting system with peer assistance and semi-persistent file availability.	2010
70	ITDGC02	Characterizing Contract-Based Multiagent Resource Allocation in Networks	This Paper Proposes a multiagent resource allocation problem where individual users intend to route traffic by requesting the help of entities across a network (Using Nash equilibrium and pair wise Nash equilibrium)	2010
71	ITDGC03	Information Theoretic Aspects of Users' Activity in a Wyner-Like Cellular Model	This paper proposes an application of multiuser information theory to the study of the uplink of a communication system with Randomly activated users.	2010
72	ITDGC04	A Global Contribution Approach to Maintain Fairness in P2P Networks	This Paper proposes an GC approach achieves: 1) Efficiently preventing free-riding, 2) Naturally balancing the upload and download amounts in each peer, 3) Reducing rejections in transactions between cooperative peers	2010
73	ITDCC05	Multifunctional MIMO Systems: A Combined Diversity And Multiplexing Design Perspective	In this project, the concept MIMO which is collecting the INPUT (data) of the Client to provide the collected data to the receivers through a single way.	2010
74	ITDGC06	Shortest Path Tree Computation in Dynamic Graphs	This project is to evaluate performance, in terms of both the CPU execution time and the total number of operations. We also compared them with the well-known static algorithm Dijkstra and to determine the best algorithms for different graph Sizes and for various mixes of modified edges.	2009
75	ITDGC07	An Ant Colony optimization Approach to a Grid workflow Scheduling Problem With Various QoS Requirements	This project aims at proposing an ant colony optimization (ACO) algorithm to schedule large-scale workflows with various QoS parameters. This algorithm enables users to specify their QoS preferences as well as define the minimum QoS thresholds for a certain application.	2009

Technology : DOTNET
Domain :IEEE TRANSACTIONS ON MULTIMEDIA

S.NO	PROJECT CODE	PROJECT TITLES	DESCRIPTION	YEAR
76	ITDMM01	Constructing Concept Lexica With Small Semantic Gaps	In this project, It is collecting images from the online forum by the concept (LEXICON) which is used for matching the word's rank to exhibit the images with their description from the database.	2010
77	ITDMM02	Blind Audio-Visual Source Separation based on Sparse Redundant Representations	In this project, we propose a novel method to do an audio visual processing of the separate audio track and also mixed audio tracks	2010
78	ITDMM03	A Stochastic Approach to Image Retrieval Using Relevance Feedback and Particle Swarm Optimization	This project express the concept is content based IMAGE retrieval based on an image which is given by the users as a query	2010
79	ITDMM04	An Adaptive Computational Model for Salient Object Detection	In this project, we propose an adaptive Computational model to detect the closest object in color images.	2010
80	ITDMM05	Performance Analysis for Overlay Multimedia Multicast on r-ary Tree and m-D Mesh Topologies	This Project, Sending binary information to multicast network and find out average, worst, best performance.	2009
81	ITDMM06	Incentive Cooperation Strategies for Peer-to-Peer Live Multimedia Streaming Social Networks	This Project, Splitting the videos into so many chunks and Sending video files based on the chuck request and response.	2009
82	ITDMM07	Automated Bidding for Media Services at the Edge of a Content Delivery Network	This Project, Downloading and transmitting data's depending on user accounts on the content Delivery Network	2009
83	ITDMM08	Orthogonal Data Embedding for Binary Images in Morphological Transform Domain- A High-Capacity Approach	In this project a picture given as input and a text is embedded by encrypting and decrypting the picture to get the appropriate image	2008

Technology : DOTNET
Domain : NON-IEEE BASED PROJECTS

S.NO	PROJECT CODE	DOMAIN	PROJECT TITLES	DESCRIPCTION
1	DPEE01	Networking	Distributing and Monitoring the Process in a Network	The project aims at distributing the processes to various machines processors in the network. It contains both server and client applications. When the client starts running; the processor name is stored in the database. The server application checks and updates the client list in its application continuously.
2	DPEE02	Networking	Book Shop Management System Through Online	In this project, readers can access website very effectively. Site only contains what the reader wish to see. This website can attract more readers and can serve an effective reading.
3	DPEE03	Networking	Group Discussion Forum In Distributed Systems	This project included a system which required being capable of eliminating all the problems and become useful to users and thus the new system is derived. Here we get a different view from different users by the group discussion.
4	DPEE04	Networking	Multi Level Marketing System	In this project we can create new idea on Multi level marketing. Each Person (Tree Node) can have two sub-nodes (person) only. At last you should pay the Joining fees to the Admin. After registering he can able to shop the product. An Admin have the rights to view all the customer profile, Commission details, Customer Performance, and Send money to customer and manage the every activity behind the marketing
5	DPEE05	Networking	Confidentiality in Healthcare Management System	This project Provides an integrated Solution for the Hospital, which Helps in Efficient Management of the Hospital, Enhance Patient Care, Improve work efficiency, Improve Fiscal Control Information.
6	DPEE06	Network Security	Secure Data's Using Cryptography Techniques	This project mainly provides Security for the users in a website by using Encryption and Decryption process. And Key byte is generated without user interaction.
7	DPEE07	Network Security	Online Insurance Management System	This project shows how the delivered solution will meet the business and technical needs of the Unemployment Insurance (UI) Program, both now and in the future.

S.NO	PROJECT CODE	DOMAIN	PROJECT TITLES	DESCRIPCTION
8	DPEE08	Network Security	Customer Care Management System	In this project customer complaints are queried through logging their phone calls and assigning the complaints to service engineers. The project contains administrator and service engineer modules.
9	DPEE09	Network Security	E-Banking Financial Services	This project involves computerized transactions through the private intranet solution through the Internet. The administrator enters all the branch details and provides username and password to the respective branches. The staffs in the respective branch enter the account creation details through their logins.
10	DPEE10	Network Security	Transport Management System	This project is to have a better understanding of the operation in container haulage industry as a transport as it will be the dynamic sector of the 21st century. Sophisticated automobile and freeway System is a user functions for Intelligent Transport System (ITS). The System Development Life Cycle is the chosen method for this project
11	DPEE11	Network Security	Generic Management System	This project maintains information about students, their details from address to result. The time has Task durations, dependencies, and critical path. The scope has Project size, goals and requirements.
12	DPEE12	Data Mining	Medical Management System To Maintain Product Details	In this project, we decided to develop a medical management system to ease the operation. This system is required which is being capable of elimination of all the problems and become useful common both to patient, hospital and the doctors
13	DPEE13	Data Mining	Website Rating System	This project handles the rating process of the website. There are so many websites around the world which distribute the information given by their owners. It is an effective and easy way to reach the information to the people. There are different types of websites and their pages are with attractive information and design.

S.NO	PROJECT CODE	DOMAIN	PROJECT TITLES	DESCRIPCTION
14	DPEE14	Data Mining	Online E-Commerce	In this project, we enhanced a market risk system to cover equity derivatives. Pricing risk exposure was reduced by introducing common data and analytics for the front and middle office. This system used a genetic algorithm to generate thousands of trading strategies and simulated profit and loss under multiple constraints.
15	DPEE15	Data Mining	Virtual Class Room	In this project we are going to analyze Grid computing and identify its requirements for knowledge management, this has six problems in knowledge life cycle. That is acquiring, modeling, retrieving, reusing, publishing, and maintaining knowledge. And we are going to develop a website to solve these problems.
16	DPEE16	Data Mining	Economic Investigation Catalog System For Venture Resolution	In this project the objective of this system is to assist financial analyst and related users to make company's financial analysis according to their financial statements using computer system approaches. Trial Balance, Balance Sheet and Income Statement will be displayed for reference.
17	DPEE17	Data Mining	Financial Forecast For an Employee Benefit	This project helps to generate processed data including an illustration representing the life insurance contract encumbered by an indenture agreement as a means of refunding for future employee benefits.
18	DPEE18	Data Mining	The Distributed Examination and Result Information System	This project is a pilot study on how the client/server system operates. The distributed Examination Result Information System will allow students to write the exam by registering and to view their respective exam result from any workstation in the network.
19	DPEE19	Data Mining	Online Self Assessment Test	This Project illustrates how learner mood may be predicted during online self-assessment tests
20	DPEE20	Software engineering	Campaign Information System	This Project shows how best to interpret and retrieve information over land from the eventual Systems, the campaigns also provided a glimpse of the future applications that would lead to a better understanding of our environment.

For Enquire Contact : Spiro - Professional Student Academy Training Division Unit of
Spiro Solution Pvt Ltd
#78, 3rd Floor, Usman Road, T. Nagar,
Chennai - 17. (Upstairs of Hotal Saravana Bhavan)
Mobile : 9791 044 044, 9176 644 044.
E-Mail : projects@stupros.com.
Website : www.stupros.com