

FINAL YEAR PROJECTS

IEEE PROJECTS 2016 – 2017

DOTNET PROJECTS

CLLOUD COMPUTING

S.NO	PROJECT CODE	TITLE OF THE PAPER	YEAR
1	CCD1601	A Secure and Dynamic Multi-Keyword Ranked Search Scheme over Encrypted Cloud Data	2016
2	CCD1602	Catch You if You Misbehave: Ranked Keyword Search Results Verification in Cloud Computing	2016
3	CCD1603	Circuit Cipher text-Policy Attribute-Based Hybrid Encryption with Verifiable Delegation in Cloud Computing	2016
4	CCD1604	Conjunctive Keyword Search with Designated Tester and Timing Enabled Proxy Re-Encryption Function for E-Health Clouds	2016
5	CCD1605	Dynamic and Public Auditing with Fair Arbitration for Cloud Data	2016
6	CCD1606	Dynamic-Hash-Table Based Public Auditing for Secure Cloud Storage	2016
7	CCD1607	Enabling Cloud Storage Auditing With Verifiable Outsourcing of Key Updates	2016
8	CCD1608	Fine-Grained Two-Factor Access Control for Web-Based Cloud Computing Services	2016
9	CCD1609	Identity-Based Proxy-Oriented Data Uploading and Remote Data Integrity Checking in Public Cloud	2016
10	CCD1610	KSF-OABE: Outsourced Attribute-Based Encryption with Keyword Search Function for Cloud Storage	2016
11	CCD1611	Leveraging Data Deduplication to Improve the Performance of Primary Storage Systems in the Cloud	2016
12	CCD1612	MMBcloud-tree: Authenticated Index for Verifiable Cloud Service Selection	2016
13	CCD1613	Trust-but-Verify: Verifying Result Correctness of Outsourced Frequent Itemset	2016

		Mining in Data-Mining-As-a-Service Paradigm	
14	CCD1514	A Secure and Dynamic Multi-keyword Ranked Search Scheme over Encrypted Cloud Data	2015
15	CCD1515	Cloud-Based Multimedia Content Protection System	2015
16	CCD1516	Control Cloud Data Access Privilege and Anonymity with Fully Anonymous Attribute-Based Encryption	2015
17	CCD1517	Cost-Minimizing Dynamic Migration of Content Distribution Services into Hybrid Clouds	2015
18	CCD1518	Enabling Fine-grained Multi-keyword Search Supporting Classified Sub-dictionaries over Encrypted Cloud Data	2015
19	CCD1519	Energy-aware Load Balancing and Application Scaling for the Cloud Ecosystem	2015
20	CCD1520	Identity-Based Distributed Provable Data Possession in Multicloud Storage	2015
21	CCD1521	Panda: Public Auditing for Shared Data with Efficient User Revocation in the Cloud	2015
22	CCD1522	PSMPA: Patient Self-Controllable and Multi-Level Privacy- Preserving Cooperative Authentication in Distributed m-Healthcare Cloud Computing System	2015
23	CCD1523	SeICSP: A Framework to Facilitate Selection of Cloud Service Providers	2015
24	CCD1424	Balancing Performance, Accuracy, and Precision for Secure Cloud Transactions	2014
25	CCD1425	Building Confidential and Efficient Query Services in the Cloud with RASP Data Perturbation	2014
26	CCD1426	Consistency as a Service: Auditing Cloud Consistency	2014
27	CCD1427	Decentralized Access Control with Anonymous Authentication of Data Stored in Clouds	2014
28	CCD1428	Distributed, Concurrent, and Independent Access to Encrypted Cloud Databases	2014
29	CCD1429	Enabling Data Integrity Protection in Regenerating-Coding-Based Cloud Storage: Theory and Implementation	2014
30	CCD1430	Identity-Based Distributed Provable Data Possession in Multi-Cloud Storage	2014
31	CCD1431	Key-Aggregate Cryptosystem for Scalable Data Sharing in Cloud Storage	2014
32	CCD1432	Panda: Public Auditing for Shared Data with Efficient User Revocation in the Cloud	2014
33	CCD1433	Privacy-Preserving Multi-Keyword Ranked Search over Encrypted Cloud Data	2014
34	CCD1434	Scalable Distributed Service Integrity Attestation for Software-as a-Service Clouds	2014

DATA MINING

S.NO	PROJECT CODE	TITLE OF THE PAPER	YEAR
1	DMD1615	Personalized Travel Sequence Recommendation on Multi-Source Big Social Media	2016
2	DMD1616	Practical Approximate k Nearest Neighbor Queries with Location and Query Privacy	2016
3	DMD1617	Text Mining the Contributors to Rail Accidents	2016
4	DMD1618	User-Service Rating Prediction by Exploring Social Users' Rating Behaviors	2016
5	DMD1614	A Mixed Generative-Discriminative Based Hashing Method	2016
6	DMD1501	Discovery of Ranking Fraud for Mobile Apps	2015
7	DMD1502	PAGE: A Partition Aware Engine for Parallel Graph Computation	2015
8	DMD1503	Privacy Policy Inference of User-Uploaded Images on Content Sharing Sites	2015
9	DMD1504	Query Aware Determinization of Uncertain Objects	2015
10	DMD1405	A Cocktail Approach for Travel Package Recommendation	2014
11	DMD1406	An Empirical Performance Evaluation of Relational Keyword Search Techniques	2014
12	DMD1407	LARS*: An Efficient and Scalable Location-Aware Recommender System	2014
13	DMD1408	Product Aspect Ranking and Its Applications	2014
14	DMD1409	Secure Mining of Association Rules in Horizontally Distributed Databases	2014
15	DMD1410	Supporting Privacy Protection in Personalized Web Search	2014
16	DMD1411	TrustedDB: A Trusted Hardware-Based Database with Privacy and Data Confidentiality	2014

NETWORKING

S.NO	PROJECT CODE	TITLE OF THE PAPER	YEAR
1	NWD1601	Efficient Certificateless Access Control for Wireless Body Area Networks	2016
2	NWD1602	Finding Nonequivalent Classifiers in Boolean Space to Reduce TCAM Usage	2016
3	NWD1603	Geographic and Opportunistic Routing for Underwater Sensor Networks	2016
4	NWD1604	Optimizing Cost for Online Social Networks on Geo-Distributed Clouds	2016
5	NWD1605	Secure and Efficient data communication protocol for Wireless Body Area Networks	2016
6	NWD1506	Collision Tolerant and Collision Free Packet Scheduling for Underwater Acoustic Localization	2015
7	NWD1507	Defeating Jamming With the Power of Silence: A Game-Theoretic Analysis	2015
8	NWD1508	Universal Network Coding-Based Opportunistic Routing for Unicast	2015
9	NWD1409	Content Caching and Scheduling in Wireless Networks With Elastic and Inelastic Traffic	2014
10	NWD1410	Secure Data Retrieval for Decentralized Disruption-Tolerant Military Networks	2014

SECURE COMPUTING

S.NO	PROJECT CODE	TITLE OF THE PAPER	YEAR
1	SCD1601	Detecting and Removing Web Application Vulnerabilities with Static Analysis and Data Mining	2016
2	SCD1602	ID2S Password-Authenticated Key Exchange Protocols	2016
3	SCD1503	Behavior Rule Specification-Based Intrusion Detection for Safety Critical Medical Cyber Physical Systems	2015
4	SCD1504	Generating Searchable Public-Key Ciphertexts with Hidden Structures for Fast Keyword Search	2015
5	SCD1505	Improved Privacy-Preserving P2P Multimedia Distribution Based on Recombined Fingerprints	2015
6	SCD1506	Key-Recovery Attacks on KIDS, a Keyed Anomaly Detection System	2015
7	SCD1407	Captcha as Graphical Passwords—A New Security Primitive Based on Hard AI Problems	2014

PARALLEL AND DISTRIBUTED SYSTEMS

S.NO	PROJECT CODE	TITLE OF THE PAPER	YEAR
1	PDD1601	Authenticated Key Exchange Protocols for Parallel Network File Systems	2016
2	PDD1602	Real-Time Semantic Search Using Approximate Methodology for Large-Scale Storage Systems	2016
3	PDD1403	Efficient Data Query in Intermittently-Connected Mobile Ad Hoc Social Networks	2014
4	PDD1404	Multicast Capacity in MANET with Infrastructure Support	2014
5	PDD1405	Secure and Efficient Data Transmission for Cluster-Based Wireless Sensor Networks	2014
6	PDD1406	Transmission-Efficient Clustering Method for Wireless Sensor Networks Using Compressive Sensing	2014

MOBILE COMPUTING

S.NO	PROJECT CODE	TITLE OF THE PAPER	YEAR
1	MCD1601	A Joint Time Synchronization and Localization Design for Mobile Underwater Sensor Networks	2016
2	MCD1602	DaGCM: A Concurrent Data Uploading Framework for Mobile Data Gathering in Wireless Sensor Networks	2016
3	MCD1603	Service Usage Classification with Encrypted Internet Traffic in Mobile Messaging Apps	2016
4	MCD1604	Traffic Decorrelation Techniques for Countering a Global Eavesdropper in WSNs	2016
5	MCD1605	WORAL: A Witness Oriented Secure Location Provenance Framework for Mobile Devices	2016
6	MCD1506	A Distributed Three-hop Routing Protocol to Increase the Capacity of Hybrid Wireless Networks	2015
7	MCD1507	Mobile Data Gathering with Load Balanced Clustering and Dual Data Uploading in Wireless Sensor Networks	2015
8	MCD1508	Optimal Configuration of Network Coding in Ad Hoc Networks	2015
9	MCD1509	Privacy-Preserving and Truthful Detection of Packet Dropping Attacks in Wireless Ad Hoc Networks	2015

10	MCD1410	A QoS-Oriented Distributed Routing Protocol for Hybrid Wireless Networks	2014
11	MCD1411	Autonomous Mobile Mesh Networks	2014
12	MCD1412	DA-Sync: A Doppler-Assisted Time-Synchronization Scheme for Mobile Underwater Sensor Networks	2014
13	MCD1413	Leveraging Social Networks for P2P Content-Based File Sharing in Disconnected MANETs	2014
14	MCD1414	Preserving Location Privacy in Geosocial Applications	2014

IMAGE PROCESSING

S.NO	PROJECT CODE	TITLE OF THE PAPER	YEAR
1	IPD1601	Content-Adaptive Steganography by Minimizing Statistical Detectability	2016
2	IPD1602	Secure Reversible Image Data Hiding over Encrypted Domain via Key Modulation	2016
3	IPD1603	Securing SIFT: Privacy-preserving Outsourcing Computation of Feature Extractions over Encrypted Image Data	2016
4	IPD1614	EPLQ: Efficient Privacy-Preserving Location-Based Query Over Outsourced Encrypted Data	2016
5	IPD1615	Publicly Verifiable Inner Product Evaluation over Outsourced Data Streams under Multiple Keys	2016
6	IPD1504	An Attribute-Assisted Reranking Model for Web Image Search	2015
7	IPD1505	Automatic Face Naming by Learning Discriminative Affinity Matrices From Weakly Labeled Images	2015
8	IPD1506	Detection and Rectification of Distorted Fingerprints	2015
9	IPD1507	Eye Gaze Tracking With a Web Camera in a Desktop Environment	2015
10	IPD1508	Learning Fingerprint Reconstruction: From Minutiae to Image	2015
11	IPD1509	Multiview Alignment Hashing for Efficient Image Search	2015
12	IPD1510	Single Image Superresolution Based on Gradient Profile Sharpness	2015
13	IPD1511	Steganography Using Reversible Texture Synthesis	2015
14	IPD1412	Click Prediction for Web Image Reranking Using Multimodal Sparse Coding	2014
15	IPD1413	Designing an Efficient Image Encryption-Then-Compression System via Prediction Error Clustering and Random Permutation	2014

IoT (INTERNET OF THINGS)

S.NO	PROJECT CODE	TITLE OF THE PAPER	YEAR
1	IOTD1601	EPLQ: Efficient Privacy-Preserving Location-Based Query Over Outsourced Encrypted Data	2016

SERVICE COMPUTING

S.NO	PROJECT CODE	TITLE OF THE PAPER	YEAR
1	SRD1601	Publicly Verifiable Inner Product Evaluation over Outsourced Data Streams under Multiple Keys	2016

INFORMATION FORENSICS AND SECURITY

S.NO	PROJECT CODE	TITLE OF THE PAPER	YEAR
1	IFD1601	Privacy-Preserving Outsourced Association Rule Mining on Vertically Partitioned Databases	2016