Sl.No	2017 & 2018 Project Title	Year
	Cloud Computing	
1	Two-Cloud Secure Database for Numeric-Related SQL Range Queries with Privacy Preserving	2017
2	Practical Privacy-Preserving Content-Based Retrieval in Cloud Image Repositories	2017
3	Identity-Based Data Outsourcing with Comprehensive Auditing in Clouds	2017
4	A Novel Efficient Remote Data Possession Checking Protocol in Cloud Storage	2017
5	RAAC: Robust and Auditable Access Control with Multiple Attribute Authorities for Public Cloud Storage	2017
6	Attribute-Based Storage Supporting Secure Deduplication of Encrypted Data in Cloud	2017
7	A Robust reputation management mechanism in the federated cloud	2017
8	Securing Cloud Data under Key Exposure	2017
9	Customer Satisfaction Aware Optimal Multi Server Configuration for Profit Maximization in Cloud Computing	2017
10	Privacy Protection based Access Control Scheme in Cloud-based Services	2017
11	TAFC: Time and Attribute Factors Combined Access Control on Time-Sensitive Data in Public Cloud	2017
12	A Cross Tenant Access Control (CTAC) Model for Cloud Computing: Formal Specification and Verification	2017
13	VPSearch: Achieving Verifiability for Privacy-Preserving Multi-Keyword Search over Encrypted Cloud Data	2017
14	A Lightweight Secure Data Sharing Scheme for Mobile Cloud Computing	2017

15	A semi-automatic and trustworthy scheme for continuous cloud service certification	2017
16	Cloud Data Auditing Techniques with a Focus on Privacy and Security	2017
17	Cost Optimization for Dynamic Replication and Migration of Data in Cloud Data Centers	2017
18	Energy-aware Load Balancing and Application Scaling for the Cloud Ecosystem	2017
19	TEES: An Efficient Search Scheme over Encrypted Data on Mobile Cloud	2017
20	A Secure and Verifiable Access Control Scheme for Big Data Storage in Clouds	2017
21	Cloud Data Auditing Techniques with a Focus on Privacy and Security	2017
22	Provably Secure Key-Aggregate Cryptosystems with Broadcast Aggregate Keys for Online Data Sharing on the Cloud	2017
23	Privacy-Preserving Multi keyword Similarity Search Over Outsourced Cloud Data	2017
24	Privacy Protection and Intrusion Avoidance for Cloudlet-based Medical Data Sharing	2017
25	On the Security of Data Access Control for Multi authority Cloud Storage Systems	2017
26	Identity-based Remote Data Integrity Checking with Perfect Data Privacy Preserving for Cloud Storage	2017
27	Identity-Based Private Matching over Outsourced Encrypted Datasets	2017
28	Fast Phrase Search for Encrypted Cloud Storage	2017
29	Customer-Satisfaction-Aware Optimal Multi server Configuration for Profit Maximization in Cloud Computing	2017
30	Assessing Invariant Mining Techniques for Cloud-based Utility Computing Systems	2017

31	Achieving secure, universal, and fine-grained query results verification for secure search scheme over encrypted cloud data	2017
32	Achieving Efficient and Secure Data Acquisition for Cloud-supported Internet of Things in Smart Grid	2017
33	A New Service Mechanism for Profit Optimizations of a Cloud Provider and Its Users	2017
34	Resource renting for periodical cloud workflow applications	2017
35	Temporal Task Scheduling With Constrained Service Delay for Profit Maximization in Hybrid Clouds	2017
36	A Modified Hierarchical Attribute-Based Encryption Access Control Method for Mobile Cloud Computing	2017
37	Efficient and Expressive Keyword Search Over Encrypted Data in Cloud	2017
38	Strong Key-Exposure Resilient Auditing for Secure Cloud Storage	2017
39	Identity-Based Encryption with Cloud Revocation Authority and Its Applications	2017
40	Privacy Preserving Multi keyword Similarity Search Over Outsourced Cloud Data	2017
41	Secure Data Sharing in Cloud Computing Using Revocable-Storage Identity-Based Encryption	2017
42	Catch You if You Misbehave: Ranked Keyword Search Results Verification in Cloud Computing	2017
43	Dynamic-Hash-Table Based Public Auditing for Secure Cloud Storage	2017
44	Enabling Semantic Search based on Conceptual Graphs over Encrypted Outsourced Data	2017
45	Graph Encryption for Top-K Nearest Keyword Search Queries on Cloud	2017
46	Keyword Search with Access Control over Encrypted Cloud Data	2017

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47	Privacy-Preserving Multi-keyword Top-k Similarity Search Over Encrypted Data	2017
48	Privacy-Preserving Smart Semantic Search Based on Conceptual Graphs Over Encrypted Outsourced Data	2017
49	SeDaSC: Secure Data Sharing in Clouds	2017
50	User Differentiated Verifiable File Search on the Cloud	2017
51	Knowledge-Enhanced Mobile Video Broadcasting Framework With Cloud Support	2017
52	Publicly Verifiable Boolean Query Over Outsourced Encrypted Data	2017
53	A Collaborative Key Management Protocol in Cipher text Policy Attribute-Based Encryption for Cloud Data Sharing	2017
54	An Efficient Public Auditing Protocol with Novel Dynamic Structure for Cloud Data	2017
55	Cloudy Knapsack Algorithm for Offloading Tasks from Large Scale Distributed Applications	2017
56	Combating DDoS Attacks in the Cloud: Requirements, Trends, and Future Directions	2017
57	Facilitating Secure and Efficient Spatial Query Processing on the Cloud	2017
58	Joint Pricing and Capacity Planning in the IaaS Cloud Market	2017
59	Multi-Owner Keyword Search over Shared Data without Secure Channels in the Cloud	2017
60	Publicly Verifiable Boolean Query Over Outsourced Encrypted Data	2017
61	Secure Collaborative Publicly Verifiable Computation	2017
62	Who Moved My Data? Privacy Protection in Smart phones	2017
	Information Forensics Network Security & Information Forensics and Security	

1	Twitter Trends Manipulation: A First Look Inside the Security of Twitter Trending	2017
2	NetSpam: a Network-based Spam Detection Framework for Reviews in Online Social Media	2017
3	My Privacy My Decision: Control of Photo Sharing on Online Social Networks	2017
4	A Multilevel Access Control Scheme for Data Security in Transparent Computing	2017
5	Preventing Distributed Denial-of-Service Flooding Attacks with Dynamic Path Identifiers	2017
6	Efficiently Promoting Product Online Outcome: An Iterative Rating Attack Utilizing Product and Market Property	2017
	Internet of Things(IOT)	
1	Leveraging Crowd sourcing for Efficient Malicious Users Detection in Large-Scale Social Networks	2017
2	A Distributed Publisher-Driven Secure Data Sharing Scheme for Information-Centric IoT	2017
3	Fog Route DTN-Based Data Dissemination Model in Fog Computing	2017
4	Efficient and Privacy-preserving Polygons Spatial Query Framework for Location-based Services	2017
5	Follow But No Track: Privacy Preserved Profile Publishing in Cyber-Physical Social Systems	2017
6	SPFM: Scalable and Privacy-preserving Friend Matching in Mobile Cloud	2017
7	An Efficient and Fine-grained Big Data Access Control Scheme with Privacy-preserving Policy	2017

	Data Mining	
1	An Iterative Classification Scheme for Sanitizing Large-Scale Datasets	2017
2	Computing Semantic Similarity of Concepts in Knowledge Graphs	2017
3	Influence Maximization in Trajectory Databases	2017
4	Influential Node Tracking on Dynamic Social Network: An Interchange Greedy Approach	2017
5	Personal Web Revisitation by Context and Content Keywords with Relevance Feedback	2017
6	PPRank: Economically Selecting Initial Users for Influence Maximization in Social Networks	2017
7	Filtering out Infrequent Behavior from Business Process Event Logs	2017
8	A Situational Analytic Method for User Behavior Pattern in Multimedia Social Networks	2017
9	Understand Short Texts by Harvesting and Analyzing Semantic Knowledge	2017
10	User Vitality Ranking and Prediction in Social Networking Services: a Dynamic Network Perspective	2017
11	Continuous Top-k Monitoring on Document Streams	2017
12	Dynamic Facet Ordering for Faceted Product Search Engines	2017
13	Explaining Missing Answers to Top-k SQL Queries	2017
14	Predicting Student Actions in a Procedural Training Environment	2017
15	A Situational Analytic Method for User Behavior Pattern in Multimedia Social Networks	2017
16	Analyzing Sentiments in One Go: A Supervised Joint Topic Modeling Approach	2017
17	Query Expansion with Enriched User Profiles for Personalized Search	2017

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	Utilizing Folksonomy Data	
18	**Majority Voting and Pairing with Multiple Noisy Labeling**	**2017**
19	**Probabilistic Models For Ad Viewability Prediction On The Web**	**2017**
20	**Social Q&A: An Online Social Network Based Question and Answer System**	**2017**
21	**User-Centric Similarity Search**	**2017**
22	**Detecting Stress Based on Social Interactions in Social Networks**	**2017**
23	**Efficient Clue-based Route Search on Road Networks**	**2017**
24	**Efficient Keyword-aware Representative Travel Route Recommendation**	**2017**
25	**Follow But No Track: Privacy Preserved Profile Publishing in Cyber-Physical Social Systems**	**2017**
26	**Large-scale Location Prediction for Web Pages**	**2017**
27	**Collaborative Filtering-Based Recommendation of Online Social Voting**	**2017**
28	**Energy-efficient Query Processing in Web Search Engines**	**2017**
29	**Generating Query Facets using Knowledge Bases**	**2017**
30	**l-Injection: Toward Effective Collaborative Filtering Using Uninteresting Items**	**2017**
31	**Mining Competitors from Large Unstructured Datasets**	**2017**
32	**Modeling Information Diffusion over Social Networks for Temporal Dynamic Prediction**	**2017**
33	**QDA: A Query-Driven Approach to Entity Resolution**	**2017**
34	**RAPARE: A Generic Strategy for Cold-Start Rating Prediction Problem**	**2017**
35	**SociRank: Identifying and Ranking Prevalent News Topics Using Social Media Factors**	**2017**
36	**Towards Real-Time, Country-Level Location Classification of Worldwide Tweets**	**2017**
37	**Trajectory Community Discovery and Recommendation by Multi-source Diffusion Modeling**	**2017**

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38	Query Reorganization Algorithms for Efficient Boolean Information Filtering	2017
39	GALLOP: GlobAL feature fused Location Prediction for Different Check-in Scenarios	2017
40	Analysis of users' behaviour in structured e-commerce websites	2017
41	Audience Behavior Mining: Integrating TV Ratings with Multimedia Content	2017
42	BiRank: Towards Ranking on Bipartite Graphs	2017
43	Dynamic Model Adaptive to User Interest Drift Based on Cluster and Nearest Neighbors	2017
44	Exploiting Fine-Grained Co-Authorship for Personalized Citation Recommendation	2017
45	Finding Related Forum Posts through Content Similarity over Intention-based Segmentation	2017
46	Keyword Search on Temporal Graphs	2017
47	Keyword Search over Distributed Graphs with Compressed Signature	2017
48	Local PurTree Spectral Clustering for Massive Customer Transaction Data	2017
49	Local Suppression and Splitting Techniques for Privacy Preserving Publication of Trajectories	2017
50	Opinion Dynamics-Based Group Recommender Systems	2017
51	Skyline Preference Query Based on Massive and Incomplete Dataset	2017
52	Inference-Based Similarity Search in Randomized Montgomery Domains for Privacy-Preserving Biometric Identification	2017
	Mobile Computing	
1	A Proxy-based Collaboration System to Minimize Content Download Time and Energy Consumption	2017

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2	Detecting Mobile Malicious Web pages in Real Time	2017
3	Quantifying Interdependent Privacy Risks with Location Data	2017
4	Searching Trajectories by Regions of Interest	2017
5	SUPERMAN: Security Using Pre-Existing Routing for Mobile Ad hoc Networks	2017
6	Constructing a User-Friendly and Smart Ubiquitous Personalized Learning Environment by Using a Context-Aware Mechanism	2017
7	Query-Based-Learning Genetic Algorithm to Construct Mobile-Oriented Catalogs in M-Commerce	2017
8	ShakeIn: Secure User Authentication of Smartphones with Habitual Single-handed Shakes	2017
	Wireless Sensor Networks	
1	Data-Driven Faulty Node Detection Scheme for Wireless Sensor Networks	2017
2	Privacy and Integrity Preserving Top-k Query Processing for Two-Tiered Sensor Network	2017
3	E2HRC: An Energy-Efficient Heterogeneous Ring Clustering Routing Protocol for Wireless Sensor Networks	2017
4	Energy Efficient Clustering Algorithm for Multi-Hop Wireless Sensor Network Using Type-2 Fuzzy Logic	2017
5	Lightweight Three-factor Authentication and Key Agreement Protocol for Internet-integrated Wireless Sensor Networks	2017
6	Research on Trust Sensing based Secure Routing Mechanism for Wireless Sensor Network	2017
7	Traffic De correlation Techniques for Countering a Global Eavesdropper in WSNs	2017
8	Cooperative Query Answer Authentication Scheme over Anonymous	2017

	Sensing Data	
	Android Projects	
1	**A Lightweight Secure Data Sharing Scheme for Mobile Cloud Computing**	**2017**
2	**Buy your Coffee with Bitcoin: Real-World Deployment of a Bitcoin Point of Sale Terminal**	**2017**
3	**A Classroom Scheduling Service for Smart Classes**	**2017**
4	**Cooperative Query Answer Authentication Scheme over Anonymous Sensing Data**	**2017**
5	**FogRoute: DTN-based Data Dissemination Model in Fog Computing**	**2017**
6	**Knowledge-Enhanced Mobile Video Broadcasting (KMV-Cast) Framework with Cloud Support**	**2017**
7	**Privacy-Preserving Location-Proximity for Mobile Apps**	**2017**
8	**Who Moved My Data? Privacy Protection in Smart Phones**	**2017**
9	**Searching Trajectories by Regions of Interest**	**2017**
10	**Shake In: Secure User Authentication of Smart phones with Habitual Single handed Shakes**	**2017**
11	**Shuffle Dog Characterizing and Adapting User-Perceived Latency of Android Apps**	**2017**
12	**Team Phone Networking Smart phones for Disaster Recovery**	**2017**
13	**Towards Automatically Generating Privacy Policy for Android Apps**	**2017**
14	**Active Authentication on Mobile Devices via Stylometry, Application Usage, Web Browsing, and GPS Location**	**2017**
15	**Fine-grained Abnormal Driving Behaviors Detection and Identification with Smart phones**	**2017**
16	**Energy Patch: Repairing Resource Leaks to Improve Energy-efficiency of**	**2017**

	Android Apps	
17	**Driving Styles: A Mobile Platform for Driving Styles and Fuel Consumption Characterization**	**2017**
18	**Drive Now, Text Later: Nonintrusive Texting-while-Driving Detection using Smart phones**	**2017**
19	**Detecting Driver's Smartphone Usage via Non-intrusively Sensing Driving Dynamics**	**2017**
20	**Zap Droid: Managing Infrequently Used Applications on Smart phones**	**2017**
	Adhoc Networks & VANET & MANET	
1	**Energy Efficient Multipath Routing Protocol for Mobile ad-hoc Network Using the Fitness Function**	**2017**
2	**SUPERMAN: Security Using Pre-Existing Routing for Mobile Ad hoc Networks**	**2017**
3	**Malware Propagations in Wireless Ad Hoc Networks**	**2017**
	Networking and Service Computing, Dependable and Secure Computing	
1	**When to Make a Topic Popular Again? A Temporal Model for Topic Re-hotting Prediction in Online Social Networks**	**2017**
2	**FastGeo: Efficient Geometric Range Queries on Encrypted Spatial Data**	**2017**
3	**Fuzzy Identity-Based Data Integrity Auditing for Reliable Cloud Storage Systems**	**2017**
4	**Transactional Behavior Verification in Business Process as a Service Configuration**	**2017**
5	**Efficient and Privacy-preserving Min and k-th Min Computations in Mobile**	**2017**

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	Sensing Systems	
6	My Privacy My Decision: Control of Photo Sharing on Online Social Networks	2017
7	SADI: A Novel Model to Study the Propagation of Social Worms in Hierarchical Networks	2017
8	An Overlay Architecture for Throughput Optimal Multipath Routing	2017
9	Face Change: Attaining Neighbor Node Anonymity in Mobile Opportunistic Social Networks With Fine-Grained Control	2017
10	Network Capability in Localizing Node Failures via End-to-End Path Measurements	2017
11	Privacy and Integrity Preserving Top-k Query Processing for Two-Tiered Sensor Network	2017
12	Routing in Accumulative Multi-Hop Networks	2017
13	SWEET: Serving the Web by Exploiting Email Tunnels	2017
14	A Credibility Analysis System for Assessing Information on Twitter	2017
15	Privacy-Preserving Selective Aggregation of Online User Behavior Data	2017
16	Pro Guard: Detecting Malicious Accounts in Social-Network-Based Online Promotions	2017
17	Search Rank Fraud and Malware Detection in Google Play	2017
18	Towards Detecting Compromised Accounts on Social Networks	2017
19	Collaborative Filtering Service Recommendation Based on a Novel Similarity Computation Method	2017
20	E2HRC: An Energy-Efficient Heterogeneous Ring Clustering Routing Protocol for Wireless Sensor Networks	2017
21	Energy Efficient Clustering Algorithm for Multi-Hop Wireless Sensor Network Using Type-2 Fuzzy Logic	2017
22	Energy Efficient Multipath Routing Protocol for Mobile ad-hoc Network	2017

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	Using the Fitness Function	
23	Lightweight Three-factor Authentication and Key Agreement Protocol for Internet-integrated Wireless Sensor Networks	2017
24	Research on Trust Sensing based Secure Routing Mechanism for Wireless Sensor Network	2017
25	Traffic Decorrelation Techniques for Countering a Global Eavesdropper in WSNs	2017
26	Cooperative Query Answer Authentication Scheme over Anonymous Sensing Data	2017
27	Flexible Wildcard Searchable Encryption System	2017
28	Location Sharing Systems With Enhanced Privacy in Mobile Online Social Networks	2017
29	Buy your Coffee with Bitcoin: Real-World Deployment of a Bitcoin Point of Sale Terminal	2017
30	Efficient Multi-Factor Authenticated Key Exchange Scheme for Mobile Communications	2017
31	Empirical Analysis and Validation of Security Alerts Filtering Techniques	2017
32	Privacy-Preserving Aggregate Queries for Optimal Location Selection	2017
33	Security Analysis of Password-Authenticated Key Retrieval	2017
34	Security analysis of two Password-authenticated Multi-Key Exchange Protocols	2017
35	A Distributed Discovery of Communicating Resource Systems Models	2017
36	CamFlow: Managed data-sharing for cloud services	2017
37	Efficient and Scalable Query Authentication for Cloud-based Storage Systems with Multiple Data Sources	2017
38	Efficient Dynamic Evolution of Service Composition	2017
39	Privacy-Preserving Fine-Grained Data Retrieval Schemes For Mobile Social Networks	2017

40	Privacy-Preserving Top-k Spatial Keyword Queries in Untrusted Cloud Environments	2017
41	Shifting to Mobile: Network-based Empirical Study of Mobile Vulnerability Market	2017
42	Target-Based, Privacy Preserving, and Incremental Association Rule Mining	2017
43	A New QoS-Aware Web Service Recommendation System Based on Contextual Feature Recognition at Server-Side	2017
44	A Verifiable and Flexible Data Sharing Mechanism for Information-Centric IoT	2017
45	Online Auctions in IaaS Clouds: Welfare and Profit Maximization With Server Costs	2017
46	Practical Network-Wide Packet Behavior Identification by AP Classifier	2017
	Image Processing and Multimedia,Industrial Informatics	
1	A Novel Data Hiding Algorithm for High Dynamic Range Images	2017
2	Global Hashing System for Fast Image Search	2017
3	Automatic Generation of Social Event Storyboard from Image Click-through Data	2017
4	Image Re-ranking based on Topic Diversity	2017
5	A reliable order-statistics-based approximate nearest neighbor search algorithm	2017
6	Hash Bit Selection for Nearest Neighbor Search	2017
7	Latent Semantic Minimal Hashing for Image Retrieval	2017
8	Robust Image Graph: Rank-Level Feature Fusion for Image Search	2017
9	Semantic Highlight Retrieval and Term Prediction	2017
10	Turning Diffusion-based Image Colorization into Efficient Color	2017

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	Compression	
	MULTIMEDIA	
1	**Public Interest Analysis Based on Implicit Feedback of IPTV Users**	**2017**
2	**Tri-Clustered Tensor Completion for Social-Aware Image Tag Refinement**	**2017**
3	**Two-Stage Friend Recommendation Based on Network Alignment and Series-Expansion of Probabilistic Topic Model**	**2017**
4	**Hashing With Pair wise Correlation Learning and Reconstruction**	**2017**
5	**Multi-Modal Video-to-Near-Scene Annotation**	**2017**
6	**Online Variable Coding Length Product Quantization for Fast Nearest Neighbor Search in Mobile Retrieval**	**2017**
7	**Personalized Social Image Recommendation Method Based on User-Image-Tag Model**	**2017**
8	**Scalable Image Retrieval by Sparse Product Quantization**	
	Parallel and Distributed System	
1	**The Importance of Worker Reputation Information in Micro task-Based Crowd Work Systems**	**2017**
2	**iASK: A Distributed Q&A System Incorporating Social Community and Global Collective Intelligence**	**2017**
	Software Engineering	
1	**A System for Profiling and Monitoring Database Access Patterns by Application Programs for Anomaly Detection**	**2017**
2	**Improving Automated Bug Triaging with Specialized Topic Model**	**2017**

	Intelligent Transport Systems And Web Service	
1	A Multi-Agent Advanced Traveler Information System for Optimal Trip Planning in a Co-Modal Framework	2017
2	A Web Service Discovery Approach Based on Common Topic Groups Extraction	2017