**JAVA PROJECT LIST -2019-20**

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| **S. No** | **Domain & Project Title** |  |
| **CLOUD COMPUTING** | | |
| 01 | **A Practical Attribute-Based Document Collection Hierarchical Encryption Scheme in Cloud Computing** |  |
| 02 | **A Trust-Based Agent Learning Model for Service Composition in Mobile Cloud Computing Environments** |  |
| 03 | **Dynamic Multi-Keyword Ranked Search Based on Bloom Filter Over Encrypted Cloud Data** |  |
| 04 | **Reliability and Availability Evaluation for Cloud Data Center Networks Using Hierarchical Models** |  |
| 05 | **Verifiable and Multi-keyword Searchable Attribute-based Encryption Scheme for Cloud Storage** |  |
| 06 | **Crypt-DAC: Cryptographically Enforced Dynamic Access Control in the Cloud** |  |
| 07 | **CHARON: A Secure Cloud-of-Clouds System for Storing and Sharing Big Data** |  |
| 08 | **An Attribute-Based Controlled Collaborative Access Control Scheme for Public Cloud Storage** |  |
| 09 | **Dynamic Multi-Keyword Ranked Search Based on Bloom Filter Over Encrypted Cloud Data** |  |
| 10 | **Secure Data Group Sharing and Conditional Dissemination with Multi-Owner in Cloud Computing** |  |
| 11 | **Hidden Ciphertext Policy Attribute-Based Encryption with Fast Decryption for Personal Health Record System** |  |
| 12 | **A Lightweight Secure Auditing Scheme for Shared Data in Cloud Storage** |  |
| 13 | **Novel Multi-Keyword Search on Encrypted Data in the Cloud** |  |
| 14 | **Privacy-aware Personal Data Storage (P-PDS) Learning how to Protect User Privacy from External Applications** |  |
| 15 | **Privacy-Preserving Attribute-Based Keyword Search in Shared Multi-owner Setting** |  |
| 16 | **Fast Boolean Queries With Minimized Leakage for Encrypted Databases in Cloud Computing** |  |
| 17 | **Secure Data Group Sharing and Conditional Dissemination with Multi-Owner in Cloud Computing** |  |
| 18 | **Design of Secure Authenticated Key Management Protocol for Cloud Computing Environments** |  |
| 19 | **A Fog-centric Secure Cloud Storage Scheme** |  |
| 20 | **Enabling Verifiable and Dynamic Ranked Search Over Outsourced Data** |  |
| 21 | **A Data Sharing Protocol to Minimize Security and Privacy Risks of Cloud Storage in Big Data Era** |  |
| 22 | **A Secure Searchable Encryption Framework for Privacy-Critical Cloud Storage Services** |  |
| 23 | **Achieve Privacy-Preserving Priority Classification on Patient Health Data in Remote eHealthcare System** |  |
| 24 | **Data Integrity Auditing without Private Key Storage for Secure Cloud Storage** |  |
| 25 | **Enabling Authorized Encrypted Search for Multi-Authority Medical Databases** |  |
| 26 | **Fuzzy Identity-Based Data Integrity Auditing for Reliable Cloud Storage Systems** |  |
| 27 | **P-MOD: Secure Privilege-Based Multilevel Organizational Data-Sharing in Cloud Computing** |  |
| 28 | **Practical Privacy-Preserving MapReduce Based K-means Clustering over Large-scale Dataset** |  |
| 29 | **Profit Maximization for Cloud Brokers in Cloud Computing** |  |
| 30 | **Provable Data Possession with Outsourced Data Transfer** |  |
| 31 | **Provably Secure Fine-Grained Data Access Control over Multiple Cloud Servers in Mobile Cloud Computing Based Healthcare Applications** |  |
| 32 | **Revocable Identity-Based Broadcast Proxy Re-encryption for Data Sharing in Clouds** |  |
| 33 | **Searchable Symmetric Encryption with Forward Search Privacy** |  |
| **DATA MINING** | | |
| 34 | **Clustering-Based Collaborative Filtering Using an Incentivized/Penalized User Model** |  |
| 35 | **A Hierarchical Attention Model for Social Contextual Image Recommendation** |  |
| 36 | **Mining Users Trust From E-Commerce Reviews Based on Sentiment Similarity Analysis** |  |
| 37 | **Old and Young Users’ White Space Preferences for Online News Web Pages** |  |
| 38 | **Analysis and Accurate Prediction of User’s Response Behavior in Incentive-Based Demand Response** |  |
| 39 | **DCCR: Deep Collaborative Conjunctive Recommender for Rating Prediction** |  |
| 40 | **Network Representation Learning Enhanced Recommendation Algorithm** |  |
| 41 | **Composition Context-Based Web Services Similarity Measure** |  |
| 42 | **NASM: Nonlinearly Attentive Similarity Model for Recommendation System via Locally Attentive Embedding** |  |
| 43 | **A Novel Load Image Profile-Based Electricity Load Clustering Methodology** |  |
| 44 | **An Efficient Method for High Quality and Cohesive Topical Phrase Mining** |  |
| 43 | **Credibility Evaluation of Twitter-Based Event Detection by a Mixing Analysis of Heterogeneous Data** |  |
| 44 | **Filtering Instagramhashtags through crowd tagging and the HITS algorithm** |  |
| 45 | **A Hybrid E-learning Recommendation Approach Based on Learners’ Influence Propagation** |  |
| 46 | **Active Online Learning for Social Media Analysis to Support Crisis Management** |  |
| 47 | **Applying Simulated Annealing and Parallel Computing to the Mobile Sequential Recommendation** |  |
| 48 | **Collaboratively Tracking Interests for User Clustering in Streams of Short Texts** |  |
| 49 | **Detecting Pickpocket Suspects from Large-Scale Public Transit Records** |  |
| 50 | **Finding Optimal Skyline Product Combinations under Price Promotion** |  |
| 51 | **Heterogeneous Information Network Embedding for Recommendation** |  |
| 52 | **Hierarchical Multi-Clue Modelling for POI Popularity Prediction with Heterogeneous Tourist Information** |  |
| 53 | **K-nearest Neighbor Search by Random Projection Forests** |  |
| 54 | **Learning Customer Behaviors for Effective Load Forecasting** |  |
| 55 | **Normalization of Duplicate Records from Multiple Sources** |  |
| 56 | **On Scalable and Robust Truth Discovery in Big Data Social Media Sensing Applications** |  |
| 57 | **Privacy-Preserving Social Media Data Publishing for Personalized Ranking-Based Recommendation** |  |
| 58 | **Secure and Efficient Skyline Queries on Encrypted Data** |  |
| 59 | **Trust Relationship Prediction in Alibaba E-Commerce Platform** |  |
| **SECURE COMPUTING** | | |
| 60 | **A Novel Load Image Profile-Based Electricity Load Clustering Methodology** |  |
| 61 | **Coverless Information Hiding Method Based on Web Text** |  |
| 62 | **SEPTIC Detecting Injection Attacks and Vulnerabilities Inside the DBMS** |  |
| 63 | **LBOA: Location-Based Secure Outsourced Aggregation in IoT** |  |
| 64 | **Towards Thwarting Template Side-channel Attacks in Secure Cloud Deduplications** |  |
| 65 | **Automated Decision Making in Airport Checkpoints: Bias Detection Toward Smarter Security and Fairness** |  |
| 66 | **Detecting Malicious Social Bots Based on Click stream Sequences** |  |
| 67 | **Authenticated Medical Documents Releasing with Privacy Protection and Release Control** |  |
| 68 | **Collusion Defender: Preserving Subscribers’ Privacy in Publish and Subscribe Systems** |  |
| 69 | **Privacy-Preserving Aggregate Queries for Optimal Location Selection** |  |
| **INFORMATION FORENSICS AND SECURITY** | | |
| 70 | **Authentication by Encrypted Negative Password** |  |
| 71 | **Retrieving Hidden Friends: A Collusion Privacy Attack Against Online Friend Search Engine** |  |
| 72 | **Account Trade Accountability Against Dishonest Big Data Buyers and Sellers** |  |
| 73 | **Enabling Efficient and Geometric Range Query with Access Control over Encrypted Spatial Data** |  |
| 74 | **Enabling Identity-Based Integrity Auditing and Data Sharing With Sensitive Information Hiding for Secure Cloud Storage** |  |
| **SOCIAL NETWORK'S** | | |
| 75 | **A Hybrid Approach to Service Recommendation Based on Network Representation Learning** |  |
| 76 | **Social Network Rumor Diffusion Predication Based on Equal Responsibility Game Model** |  |
| 77 | **Online Public Shaming on Twitter: Detection, Analysis and Mitigation** |  |
| 78 | **PersoNet: Friend Recommendation System Based on Big-Five Personality Traits and Hybrid Filtering** |  |
| 79 | **A Fuzzy Approach to Text Classification with Two Stage Training for Ambiguous Instances** |  |
| 80 | **Conversational Networks For Automatic Online Moderation** |  |
| **MOBILE COMPUTING** | | |
| 81 | **An Indoor Position-Estimation Algorithm Using Smartphone IMU Sensor Data** |  |
| 82 | **FooDNet: Toward an Optimized Food Delivery Network based on Spatial Crowdsourcing** |  |
| 83 | **Privacy-preserving Crowd-sourced Statistical Data Publishing with An Untrusted Server** |  |
| **NETWORKING** | | |
| 84 | **V-Matrix-Based Scalable Data Aggregation Scheme in WSN** |  |
| 85 | **A Probabilistic Source Location Privacy Protection Scheme in Wireless Sensor Networks** |  |
| 86 | **Memory Leakage-Resilient Dynamic and Verifiable Multi-keyword Ranked Search on Encrypted Smart Body Sensor Network Data** |  |
| 87 | **Scheduling Real Time Security Aware tasks in Fog Networks** |  |
| 88 | **Primary User-aware Optimal Discovery Routing for Cognitive Radio Networks** |  |
| 89 | **Efficient Conditional Anonymity With Message Integrity and Authentication in a Vehicular Ad-Hoc Network** |  |
| 90 | **Kalman Prediction based Neighbor Discovery and its Effect on Routing Protocol in Vehicular Ad Hoc Networks** |  |
| 91 | **New Multi-Hop Clustering Algorithm for Vehicular Ad Hoc Networks** |  |
| 92 | **Robust Defense Scheme Against Selective Drop Attack in Wireless Ad Hoc Networks** |  |
| 93 | **V2V Routing in a VANET Based on the Autoregressive Integrated Moving Average Model** |  |
| 94 | **Dating with Scambots: Understanding the Ecosystem of Fraudulent Dating Applications** |  |
| 95 | **Applying Simulated Annealing and Parallel Computing to the Mobile Sequential Recommendation** |  |
| 96 | **An Indoor Position-Estimation Algorithm Using Smartphone IMU Sensor Data** |  |
| 97 | **Achieve Privacy-Preserving Priority Classification on Patient Health Data in Remote eHealthcare System** |  |
| **CYBER SECURITY** | | |
| 98 | **Predicting Cyberbullying on Social Media in the Big Data Era Using Machine Learning Algorithms: Review of Literature and Open Challenges** |  |
| 99 | **Spammer Detection and Fake User Identification on Social Networks** |  |
| 100 | **Ant Colony Stream Clustering: A Fast Density Clustering Algorithm for Dynamic Data Streams** |  |
| **SERVICE COMPUTING** | | |
| 101 | **Transactional Behavior Verification in Business Process as a Service Configuration** |  |
| 102 | **Building and Querying an Enterprise Knowledge Graph** |  |
| 103 | **Delegated Authorization Framework for EHR Services using Attribute Based Encryption** |  |
| 104 | **Secure Channel Free Certificate-Based Searchable Encryption Withstanding Outside and Inside Keyword Guessing Attacks** |  |
| **INTERNET OF THINGS (IOT)** | | |
| 105 | **Secure Phrase Search for Intelligent Processing of Encrypted Data in Cloud-Based IoT** |  |
| 106 | **Securing Data in Internet of Things (IoT) Using Cryptography and Steganography Techniques** |  |
| 107 | **Trustworthy Delegation toward Securing Mobile Healthcare Cyber-Physical Systems** |  |
| **IMAGE PROCESSING AND MULTIMEDIA** | | |
| 108 | **Fundamental Visual Concept Learning from Correlated Images and Text** |  |
| 109 | **Trust-based Privacy-Preserving Photo Sharing in Online Social Networks** |  |
| 110 | **Towards Robust Image Steganography** |  |