

<u>Sl. No</u>	<u>2022& 2023 Project Title</u>	<u>Year</u>
	<u>CLOUD COMPUTING</u>	
1	Revocable Attribute-based Data Storage in Mobile Clouds	2022
2	BOEW: A Content-based Image Retrieval Scheme using Bag-of-Encrypted Words in Cloud Computing	2022
3	Cloud Raid: Detecting Distributed Concurrency Bugs via Log Mining and Enhancement	2022
4	Data Integrity Audit Scheme Based on Blockchain Expansion Technology	2022
5	Data Integrity Audit Based on Data Blinding for Cloud and Fog Environment	2022
6	Achieving Efficient Secure Deduplication with User-Defined Access Control in Cloud	2022
7	Efficient CP-ABE Scheme with Shared Decryption in Cloud Storage	2022
8	An Efficient Public-Key Dual-Receiver Encryption Scheme	2022
9	Identity-Based Privacy Preserving Remote Data Integrity Checking with a Designated Verifier	2022
10	Efficient Identity-based Provable Multi-Copy Data Possession in Multi-Cloud Storage	2022
11	Cloud-based Digital Twinning for Structural Health Monitoring Using Deep Learning	2022
12	A Secure Clinical Diagnosis with Privacy-Preserving Multiclass Support Vector Machine in Clouds	2022
13	Achieve Efficient and Verifiable Conjunctive and Fuzzy Queries over Encrypted Data in Cloud	2022
14	A Secure Cloud Data Sharing Protocol for Enterprise Supporting Hierarchical Keyword Search	2022
15	Distributed Ciphertext-Policy Attribute-Based Encryption with Enhanced Collusion Resilience and Privacy Preservation	2022
16	DSAS: A Secure Data Sharing and Authorized Searchable Framework for e-Healthcare System	2022
17	Efficient and Secure Attribute-based Access Control with Identical Sub-Policies Frequently Used in Cloud Storage	2022
18	Adaptively Secure and Fast Processing of Conjunctive Queries over Encrypted Data	2022
19	A Practical and Efficient Bidirectional Access Control Scheme for Cloud-Edge Data Sharing	2022
20	Enabling Efficient, Secure and Privacy-preserving Mobile Cloud Storage	2022
21	Enabling Verifiable and Dynamic Ranked Search Over Outsourced Data	2022
22	Forward Secure Public Key Encryption with Keyword Search for Outsourced Cloud Storage	2022
23	Auction based Resource Allocation Mechanism in Federated Cloud Environment: TARA	2022
24	Lightweight and Expressive Fine-grained Access Control for Healthcare Internet-of-Things	2022

25	Match in My Way: Fine-Grained Bilateral Access Control for Secure Cloud-Fog Computing	2022
26	Multi-Access Filtering for Privacy-preserving Fog Computing	2022
27	Privacy-Preserving Public Auditing for Shared Cloud Data with Secure Group Management	2022
28	Revocable Identity-Based Access Control for Big Data with Verifiable Outsourced Computing	2022
29	Secure and Lightweight Fine-grained Searchable Data Sharing for IoT-oriented and Cloud-assisted Smart Healthcare System	2022
30	Secure Cloud Data Deduplication with Efficient Re-encryption	2022
31	Server-Aided Fine-Grained Access Control Mechanism with Robust Revocation in Cloud Computing	2022
32	Tag-based Verifiable Delegated Set Intersection over Outsourced Private Datasets	2022
33	Toward Privacy-Preserving Healthcare Monitoring based on Time-Series Activities over Cloud	2022
34	Trapdoor Privacy in Public Key Encryption with Keyword Search: A Review	2022
35	Derided: A Verifiable Cloud Data Deduplication Scheme with Integrity and Duplication Proof	2022
36	Verifiable Searchable Encryption Framework against Insider KeywordGuessing Attack in Cloud Storage	2022
37	Web Cloud: Web-Based Cloud Storage for Secure Data Sharing across Platforms	2022
38	Trust Based Incentive Scheme to Allocate Big Data Tasks with Mobile Social Cloud	2022
39	PMRSS: Privacy-preserving Medical Record Searching Scheme for Intelligent Diagnosis in IoT Healthcare	2022
40	Achieving Efficient and Privacy-Preserving Exact Set Similarity Search over Encrypted Data	2022
	<u>BLOCKCHAIN</u>	
1	A Secure E-Coupon Service Based on Blockchain Systems	2022
2	A Blockchain Based System for Healthcare Digital Twin	2022
3	Blockchain Traceability in Healthcare: Blood Donation Supply Chain	2022
4	Privacy-Preserving Framework for Blockchain-Based Stock Exchange Platform	2022
5	Blockchain-Based Electronic Health Records Management: A Comprehensive Review and Future Research Direction	2022
6	Blockchain-Based Management for Organ Donation and Transplantation	2022
7	Blockchain-based Management of Blood Donation	2022
8	A Blockchain-Based Application System for Product Anti-Counterfeiting	2022
9	Enabling Trust and Privacy-Preserving e-KYC System Using Blockchain	2022
10	Fighting Fake News Propagation With Blockchains	2022
11	Protecting Vaccine Safety: An Improved, Blockchain-Based, Storage-	2022

	Efficient Scheme	
12	Protecting Vaccine Safety: An Improved, Blockchain-Based, Storage-Efficient Scheme	2022
13	Automatic Generation of Ethereum-Based Smart Contracts for Agri-Food Traceability System	2022
14	Protecting Personal Healthcare Record Using Blockchain & Federated Learning Technologies	2022
15	Integrating Healthcare Services Using Blockchain-Based Telehealth Framework	2022
16	Anti-Counterfeit Product System Using Blockchain Technology	2022
17	Use Chains to Block DNS Attacks: A Trusty Blockchain-based Domain Name System	2022
18	A Blockchain Approach to Ensuring Provenance to Outsourced Cloud Data in a Sharing Ecosystem	2022
19	VF Chain: Enabling Verifiable and Auditable Federated Learning via Blockchain Systems	2022
20	Blockchain Bridges Critical National Infrastructures: E-Healthcare Data Migration Perspective	2022
21	Block Hunter: Federated Learning for Cyber Threat Hunting in Blockchain-based IIoT Networks	2022
22	Blockchain as a Cyber Defence: Opportunities, Applications, and Challenges	2022
23	Blockchain-Based Event Detection and Trust Verification Using Natural Language Processing and Machine Learning	2022
24	Blockchain-Based Electronic Health Records Management: A Comprehensive Review and Future Research Direction	2022
25	Decentralized Blockchain-Based Trust Management Protocol for the Internet of Things	2022
26	Leveraging Blockchain for Scaffolding Work Management in Construction	2022
27	Towards Blockchain-Based Secure Storage and Trusted Data Sharing Scheme for IoT Environment	2022
28	Blockchain and IoT based Food Traceability for Smart Agriculture	2022
29	Block Hunter: Federated Learning for Cyber Threat Hunting in Blockchain-based IIoT Networks	2022
	<u>DATA MINING</u>	
1	A Unified Framework for User Identification across Online and Offline Data	2022
2	Activity Organization for Friend-Making Optimization in Online Social Networks	2022
3	Adaptively Secure and Fast Processing of Conjunctive Queries over Encrypted Data	2022
4	Discovering Temporal Patterns for Event Sequence Clustering via Policy Mixture Model	2022
5	Efficient Processing of Group Planning Queries Over Spatial-Social Networks	2022
6	Evaluating Public Anxiety for Topic-based Communities in Social	2022

	Networks	
7	Feature Selection Algorithms for Predicting Students Academic Performance Using Data Mining Techniques	2022
8	Hint CTI: A Cyber Threat Intelligence Modelling and Identification System Based on Heterogeneous Information Network	2022
9	Incorporating Multi-Source Urban Data for Personalized and Context-Aware Multi-Modal Transportation Recommendation	2022
10	Item Recommendation for Word-of-Mouth Scenario in Social E-Commerce	2022
11	Modelling Health Stage Development of Patients with Dynamic Attributed Graphs in Online Health Communities	2022
12	Modelling Product's Visual and Functional Characteristics for Recommender Systems	2022
13	Multi-Behaviour Sequential Recommendation with Temporal Graph Transformer	2022
14	P Geo Topic: A Distributed Solution for Mining Geographical Topic Models	2022
15	Predicting Hot Events in the Early Period through Bayesian Model for Social Networks	2022
16	Principle-Based Approach for the De-Identification of Code-Mixed Electronic Health Records	2022
17	Social Media Driven Big Data Analysis for Disaster Situation Awareness: A Tutorial	2022
18	Social Recommendation with Characterized Regularization	2022
19	The Dynamic Privacy-preserving Mechanisms for Online Dynamic Social Networks	2022
20	Toward Predicting Active Participants in Tweet Streams: A case study on Two Civil Rights Events	2022
21	User Identity Linkage via Co-Attentive Neural Network from Heterogeneous Mobility Data	2022
22	User Identity Linkage via Co-Attentive Neural Network from Heterogeneous Mobility Data	2022
	<u>DEPENDABLE & SECURE COMPUTING</u>	
1	Optimal Filter Assignment Policy Against Distributed Denial-of-Service Attack	2022
2	One Parameter Defence - Defending against Data Inference Attacks via Differential Privacy	2022
3	An Explainable Multi-Modal Hierarchical Attention Model for Developing Phishing Threat Intelligence	2022
4	Blockchain-based Certificate Transparency and Revocation Transparency	2022
5	Crypto Maze: Privacy-Preserving Splitting of Off-Chain Payments	2022
6	Cyber security Awareness in Online Education: A Case Study Analysis	2022
7	Detecting Sybil Attacks using Proofs of Work and Location in VANETs	2022
9	Representing Fine-Grained Co-Occurrences for Behaviour-Based Fraud Detection in Online Payment Services	2022

10	Efficient Certificateless Multi-Copy Integrity Auditing Scheme Supporting Data Dynamics	2022
11	Efficient Provably-Secure Dynamic ID-Based Authenticated Key Agreement Scheme with Enhanced Security Provision	2022
12	Entrapment: a Blockchain-Based Verification Protocol for Trust less Computing	2022
13	Harnessing Policy Authenticity for Hidden Cipher text Policy Attribute Based Encryption	2022
14	Harnessing Policy Authenticity for Hidden Cipher text Policy Attribute Based Encryption	2022
15	Achieve Efficient and Privacy-preserving Disease Risk Assessment over Multioutsourced Vertical D	2022
16	A Traceable and Revocable Cipher text-policy Attribute-based Encryption Scheme Based on Privacy Protection	2022
17	PPCA - Privacy-Preserving Collision Avoidance for Autonomous Unmanned Aerial Vehicles	2022
18	Privacy Preservation in Multi-Cloud Secure Data Fusion for InfectiousDisease Analysis	2022
19	Distributed Ciphertext-Policy Attribute-Based Encryption with Enhanced Collusion Resilience and Privacy Preservation	2022
20	SC-TRUST: A Dynamic Model for Trustworthy Service Composition in the Internet of Things	2022
21	SPECBOX: A Label-Based Transparent Speculation Scheme Against Transient Execution Attacks	2022
22	SSHC: A Secure and Scalable Hybrid Consensus Protocol for Shading Blockchains with a Formal Security Framework	2022
23	Stick: An End-to-End Encryption Protocol Tailored for Social Network Platforms	2022
24	Trust But Verify: a framework for the trustworthiness of distributed systems	2022
25	Who Are the Phishers? Phishing Scam Detection on Ethereum via Network Embedding	2022
26	On-the-Fly Privacy for Location Histograms	2022
27	Quantum-Safe Round-Optimal Password Authentication for Mobile Devices	2022
28	SAFE A General Secure and Fair Auction Framework for Wireless Markets with Privacy Preservation	2022
29	SCA: Sybil-based Collusion Attacks of IIoT Data Poisoning in Federated Learning	2022
30	A Real Time Firewall Policy Rule Set Anomaly Free Mechanism	2022
	<u>SOCIAL COMPUTING & NETWORKS</u>	
1	The Effect of Social Media User Behaviours on Security and Privacy Threats	2022
2	A Taxonomy of Fake News Classification Techniques: Survey and Implementation Aspects	2022
3	The Social Media Break-Up: Psycho-Behavioural Measures and Implications	2022
4	Composite Behavioural Modelling for Identity Theft Detection in	2022

	Online Social Networks	
5	Social Spammer Detection via Convex Nonnegative Matrix Factorization	2022
6	Social Engineering Attacks Prevention: A Systematic Literature Review	2022
7	Cross-Platform Reputation Generation System Based on Aspect-Based Sentiment Analysis	2022
8	Predictor: Predicting Mobility Patterns of Tourists Based on Social Media User's Profiles	2022
9	DEA-RNN: A Hybrid Deep Learning Approach for Cyberbullying Detection in Twitter Social Media Platform	2022
10	FADOHS: Framework for Detection and Integration of Unstructured Data of Hate Speech on Facebook Using Sentiment and Emotion Analysis	2022
11	Fusing User Reviews into Heterogeneous Information Network Recommendation Model	2022
12	Leveraging Multiple Relations for Fashion Trend Forecasting Based on social media	2022
13	Modelling Influencer Marketing Campaigns in Social Networks	
14	Positive and Negative Behaviours of Oppositional Loyalty in Online Communities	2022
15	Data-Driven Diffusion Recommendation in Online Social Networks for the Internet of People	2022
16	Rating Prediction with Review Network Feedback: A New Direction in Recommendation	2022
17	Sentiment Analysis of Customers' Reviews Using a Hybrid Evolutionary SVM-Based Approach in an Imbalanced Data	2022
18	Service-Aware Personalized Item Recommendation	2022
19	Social Media Popularity Prediction based on Multi-modal Self-Attention Mechanisms	2022
20	Continuous Influence-based Community Partition for Social Networks	2022
21	Consent Receipts for a Usable and Auditable Web of Personal Data	2022
22	Template Aging in Multi-Modal Social Behavioural Biometrics	2022
23	A Trust Risk Dynamic Management Mechanism Based on Third-Party Monitoring for the Conflict-Eliminating Process	2022
24	An Influence Maximization Algorithm Based on Community-Topic Features for Dynamic Social Networks	2022
25	Toward Data Justice Understanding Police Shooting Data Systems and Narratives	2022
26	Vulnerability Detection in IIoT Applications A Fuzzing Method on their Binaries	2022
27	Intelligent Distribution of Fresh Agricultural Products in Smart City	2022
28	Influence Based Defence Against Data Poisoning Attacks in Online Learning	2022
29	Detect DUI: An In-Car Detection System for Drink Driving and BACs	2022
30	An Accurate and Efficient Large-scale Regression Method through Best Friend Clustering	2022

<u>CYBERNETICS</u>		
1	Trustworthiness Assessment of Users in Social Reviewing Systems	2022
2	A Learning-Based POI Recommendation with Spatiotemporal Context Awareness	2022
3	False-Data-Injection Attacks on Remote Distributed Consensus Estimation	2022
<u>MOBILE COMPUTING</u>		
1	Trust Based Incentive Scheme to Allocate Big Data Tasks with Mobile Social Cloud	2022
2	User Community Identification Through Fine-Grained Mobility Records for Smart City Applications	2022
3	Towards Personalized Privacy-Preserving Incentive for Truth Discovery in Mobile Crowd sensing Systems	2022
4	Share On: Shared Resource Dynamic Container Migration Framework for Real-Time Support in Mobile Edge Clouds	2022
5	Secure Mobile Edge Computing Networks in the Presence of Multiple Eavesdroppers	2022
6	Profit and Satisfaction Aware Order Assignment for Online Food Delivery Systems Exploiting Water Wave Optimization	2022
7	Privacy-Preserving Data Integrity Verification for Secure Mobile Edge Storage	2022
8	Normalized Attraction Travel Personality Representation for Improving Travel Recommender Systems	2022
9	Membership Inference Attack and Defence for Wireless Signal Classifiers with Deep Learning	2022
10	Eclipse: Preserving Differential Location Privacy Against Long-Term Observation Attacks	2022
11	Anonymous authenticated key agreement and group proof protocol for wearable computing	2022
12	Identity-Based Attack Detection and Classification Utilizing Reciprocal RSS Variations in Mobile Wireless Networks	2022
<u>IMAGE PROCESSING & MULTIMEDIA</u>		
1	Show, Price and Negotiate a Negotiator with Online Value Look-Ahead	2022
2	Multi-modal Meta Multi-Task Learning for Social Media Rumour Detection	2022
3	A Novel Adaptive Hybrid Fusion Network for Multiresolution Remote Sensing Images Classification	2022
4	Asymmetric Hash Code Learning for Remote Sensing Image Retrieval	2022
5	Content-Based Remote Sensing Image Retrieval Based on Fuzzy Rules and a Fuzzy Distance	2022
6	Similarity Search for Encrypted Images in Secure Cloud Computing	2022
7	Global-Aware Ranking Deep Metric Learning for Remote Sensing Image Retrieval	2022
8	Global-Aware Ranking Deep Metric Learning for Remote Sensing Image Retrieval	2022

9	Learning a Model-Driven Variational Network for Deformable Image Registration	2022
10	SAC: Semantic Attention Composition for Text-Conditioned Image Retrieval	2022
11	Scalable Distributed Hashing for Approximate Nearest Neighbour Search	2022