



IGEEKS TECHNOLOGIES

Software Training Division

Academic Projects for BE,ME,MCA,BCA and PHD Students

IGeekS Technologies (Make Final Year Project)

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S.No	PROJECT TITLE	Technology Used
JAVA Projects		
Image Processing		
1	A Personal Authentication Based on IRIS Recognition (IEEE)	Java Swings, Applets
2	Noise Reduction By Fuzzy Image Filtering (IEEE)	JDK 1.6, Java Swing
3	Script identification through temporal Sequence of the Strokes (IEEE)	JDK 1.5, Java Swing
4	Image Processing Editor	JAVA
5	Learn to Personalized Image Search from the Photo Sharing Websites (IEEE -2012)	JDK 1.5, Java Swing, JDBC,HTML,JSP
6	Captcha as Graphical Passwords—A New Security Primitive Based on Hard AI Problems(IEEE-2014)	JDK 1.6,JSP,HTML,MYSQL
Networking / Network Security / Wireless Communications		
7	Multiple Routing configurations for Fast IP network Recovery (IEEE)	JDK 1.5, Java Swing, SQL server
8	Delay Analysis and Optimality of Scheduling Policies for Multi-Hop Wireless Networks (IEEE-2011)	JDK 1.5, Java Swing
9	Mobility Management Approaches for Mobile IP Networks (IEEE)	JDK1.6,Java Swing, MS access
10	A Bidirectional Routing Abstraction for Asymmetric Mobile Ad Hoc Networks (IEEE)	JDK1.6,Java Swing, SQL Server
11	Supporting Efficient and Scalable Multicasting over Mobile Ad Hoc Networks (IEEE-2011)	JDK1.6,Java Swing
12	Enhancing Search Performance in Unstructured P2P Networks Based on Users' Common Interest (IEEE)	JDK1.6,Java Swing, SQL Server
13	Packet-Hiding Methods for Preventing Selective Jamming Attacks (IEEE-2012)	JDK 1.5, Java Swing, RMI
14	Label-Based DV-Hop Localization against Wormhole Attacks In Wireless Sensor Networks (IEEE-2010)	Java,J2ME(J2ME Wireless Toolkit)
15	Achieving Network Level Privacy in Wireless Sensor Networks (IEEE-2010)	Java,J2ME(J2ME Wireless Toolkit)
16	Distributed Cache Updating Using Dynamic Source Routing Protocol (IEEE)	Java Networking, Swing, MySQL
17	Online Modeling of Proactive Moderation System for Auction Fraud Detection (IEEE-2012)	JDK 1.5, Java Swing, JDBC,HTML,JSP
18	Host-to-Host Congestion Control for TCP (IEEE-2010)	Java, Eclipse
19	Participatory Privacy: Enabling Privacy in Participatory Sensing (IEEE – 2013)	JDK 1.5, JSP, HTML, MySQL)
20	Embedding the Secure Data In An Audio/Video and Image Files	JDK 1.5, Java Swing
21	A Privacy-Preserving Location Monitoring System for Wireless Sensor Networks (IEEE-2011)	JAVA, JFC (Swing)
22	Privacy- and Integrity-Preserving Range Queries in Sensor Networks (IEEE-2012)	JDK 1.6, Java Swing, RMI,JDBC
23	Design and Implementation of Addressing Mental Health Epidemic among University Students via Web-based, Self-Screening and Referral System (IEEE-2011)	JAVA, J2EE
24	Secure Data Transmission	JAVA
25	Intrusion Detection System	JAVA
26	Bandwidth Recycling in IEEE 802.16 Networks (IEEE-2010)	Java,Eclipse, MS Access
27	CAM: Cloud-Assisted Privacy Preserving Mobile Health Monitoring (IEEE 2013)	JDK 1.5,JSP,HTML,MYSQL
28	Mobile Relay Configuration in Data-Intensive Wireless Sensor Networks (IEEE -2013)	JDK 1.6, Java Swing, RMI
29	Nymble: Blocking Misbehaving Users in Anonymizing Networks (IEEE-2011)	Java,J2ME ,Tomcat
30	SAT:A Security Architecture Achieving Anonymity and Traceability in Wireless Mesh Networks (IEEE-2011)	Java,J2ME(J2MWireless Toolkit)
31	Modeling and Detection of Camouflaging Worm. (IEEE-2011)	Jdk1.6, java swing, Eclipse
32	A Distributed Algorithm for Finding All Best Swap Edges of a Minimum Diameter Spanning Tree (IEEE-2011)	Jdk1.6, java swing
33	TrPF: A Trajectory Privacy-Preserving Framework for Participatory Sensing (IEEE-2013)	JDK 1.5,JSP,HTML,MYSQL
34	Vampire attacks: Draining life from wireless ad-hoc sensor networks (IEEE2013)	JDK 1.5,RMI,SWING
35	Fully Anonymous Profile Matching in Mobile Social Networks (IEEE 2013-Networking)	JDK 1.5,JSP,HTML,MYSQL
36	Optimum Relay Selection for Energy-Efficient Cooperative Ad Hoc Networks (IEEE 2013)	JDK 1.5, Java Swing, RMI
37	An Efficient Caching Scheme and Consistency Maintenance in Hybrid P2P System(IEEE2012)	JDK1.6,Java Swing
38	A System for Denial-of-Service Attack Detection Based on Multivariate Correlation Analysis(IEEE 2014)	JDK 1.6,JSP,HTML,MYSQL
39	Access Control in Decentralized Online Social Networks: Applying a Policy-Hiding Cryptographic Scheme and Evaluating Its Performance (IEEE-2014)	JDK 1.6,JSP,HTML,MYSQL

40	Key-Aggregate Cryptosystem for Scalable Data Sharing in Cloud Storage (IEEE-2014)	JDK 1.6,JSP,HTML,MYSQL
41	Privacy-Preserving Optimal Meeting Location Determination on Mobile Devices (IEEE-2014)	JDK 1.6,JSP,HTML,MYSQL
42	Decentralized Access Control with Anonymous Authentication of Data Stored in Clouds(IEEE-2014)	JDK 1.6,JSP,HTML,MYSQL
43	Personalized Web search Using Browsing History And Domain Knowledge (IEEE-2014)	JDK 1.6,JSP,HTML,MYSQL
Cloud Computing		
44	Dynamic Resource Allocation Using Virtual Machines for Cloud Computing Environment (IEEE-2013)	JDK 1.5,JSP,HTML,MYSQL
45	Ensuring Data Storage Security in Cloud Computing (IEEE-2010)	Java, Swing, RMI, J2ME
46	Secure and Practical Outsourcing of Linear Programming in Cloud Computing (IEEE -2011)	Java, JSP, JDBC, Java Script
47	Cloud Computing Security: From Single to Multi-Clouds (IEEE-2012, Cloud Computing)	JDK 1.5,JSP,HTML,MYSQL
48	Privacy-Preserving Public Auditing for Secure Cloud Storage (IEEE -2013)	JDK 1.5,JSP,HTML,MYSQL
49	Ensuring Distributed ACCOUNTABILITY FOR DATA SHARING IN THE CLOUD (IEEE-2012)	JDK 1.5,JSP,HTML,MYSQL
50	Optimizing Cloud Resources for Delivering IPTV Services through Virtualization (IEEE-2013)	JDK 1.5,JSP,HTML,MYSQL
51	AMES-Cloud: A Framework of Adaptive Mobile Video Streaming and Efficient Social Video Sharing in the Clouds. (IEEE 2013 -Cloud Computing)	JDK 1.5,JSP,HTML,MYSQL
52	Cloud-Assisted Mobile-Access of Health Data With Privacy and Audit ability (IEEE 2014)	JDK 1.6,JSP,HTML,MYSQL
53	Oruta: Privacy-Preserving Public Auditing for Shared Data in the Cloud(IEEE-2014)	JDK 1.6,JSP,HTML,MYSQL
Knowledge And Data Engineering Projects		
54	Dealing With Concept Drifts in Process Mining (IEEE-2014)	JDK 1.6,JSP,HTML,MYSQL
56	Anomaly Detection via Online Oversampling Principal Component Analysis. (IEEE-2013)	JDK 1.5,JSP,HTML,MYSQL
57	Ranking Spatial Data by Quality Preferences (IEEE-2011)	Java,Jsp,Servlet,Jdbc
58	Extended XML Tree Pattern Matching: Theories and Algorithms (IEEE-2011)	Java,Jsp,xml
59	Slicing: A New Approach to Privacy Preserving Data Publishing (IEEE-2012)	JDK 1.5,Swing, JDBC, HTML, JSP
60	Ranking Model Adaptation For Domain-pecific Search (IEEE-2012)	JDK1.5,Swing,Jdbc,html,jsp, Android
61	Multiparty Access Control for Online Social Networks: Model and Mechanisms (IEEE-2013)	JDK1.5,Swing,Jdbc,html,jsp, Android
62	A system to Filter Unwanted Messages from OSN Uses Walls (IEEE-2013)	JDK 1.5,JSP,HTML,MYSQL
63	A Fast Clustering-Based Feature Subset Selection Algorithm for High Dimensional Data (IEEE-2013)	JDK 1.5,JSP,HTML,MYSQL
64	Supporting Privacy Protection in Personalized Web Search (IEEE-2014)	JDK 1.6,JSP,HTML,MYSQL
Mobile Computing Projects		
65	Fast Data Collection in Tree-Based Wireless Sensor Networks (IEEE2012-Mobile computing)	JDK 1.5, Java Swing,J2ME
66	Staying Connected in a Mobile Healthcare System Experiences (IEEE-2010)	Java, Jsp,J2ME,Mysql
67	Multicast Multi-path Power Efficient Routing in Mobile ADHOC networks (IEEE2010)	Java RMI, SWING,J2ME
68	Location Based Intelligent Mobile Organizer (IEEE)	Android 2.2 Eclipse , JDK 6
69	Remote PC Administration Using J2ME	JAVA, J2ME, MIDP2.0, CLDC1.1
70	VAS for Hand Held Device-MM7 Protocol implementation	JAVA,J2ME, Servlets
71	Mobile Invoice (Mobile Billing)	Java, JSP, J2ME
72	SIP – Session Initiation Protocol (M-Conference)	J2ME,JAVA,SIP API
73	M-banking	JAVA, WML, Nokia Tool Kit
74	Online shopping Android Applicatin	Android SDK 2.1,JDK 6.0,SQLite
75	Mobi Thesaurus (Dictionary for Mobile Devices)	J2ME2.1, J2SE 2.1.4, J2ME WTK2.0.
76	Mobi Travel Guide – Smart way to travel	Android Google Api 1.5, Android
77	Restaurant Table Order Management System	Android 2.2 Eclipse , JDK 6
78	Mobile Location Alarm	Android, Eclipse ,Sun JDK 5
79	Twitter Client for Android based smart phone	Android SDK 2.1,JDK 6.0,SQLite
80	Android Event Scheduler /Reminder Application	Android 2.2 Eclipse , JDK 6

81	Wedjat: A Mobile Phone Based Medicine In-take Reminder and Monitor S/B (IEEE-2009)	Android
Embedded with Android (Hardware + Software projects)		
82	CHILD ACTIVITY RECOGNIZATION USING ACCELEROMETER AND RFID READER	Hardware+Android
83	CENTRALIZED LPG CYLINDERS THEFT DETECTION SYSTEM WITH SECURITY ALERTS	Hardware+Android
84	NFC-Enabled Smartphone Application for Drug Interaction and Drug Allergy Detection	Hardware+Android
85	REACTIVE NAVIGATION OF MULTIPLE MOVING AGENTS IN ROOM ENVIRONMENT	Hardware+Android
86	HEALTH @ HOME – Remote monitoring of vital signs	Hardware+Android
87	ADVANCED SOFESTICAED TECHINQUES IN VEHICLES FOR PREVENTION OF ACCIDENTS	Hardware+Android
88	GPS based child tracking with server & SMS alert to parents	Hardware+Android
89	REMOTE ELECTRONIC LAB USING WIRELESS NETWORK TECHNOLOGY	Hardware+Android
90	MEMS (Accelerometer) based robot motion control with fire, gas detection & control system with voice alert	Hardware+Android
91	Speech based monitoring using Android phone	Hardware+Android
92	A FAIR FARE SYSTEM TO DETECT TAMPERING USING ANDROID PHONE	Hardware+Android
93	Building Lighting Automation through the Integration with Wireless Sensor Network	Hardware+Android
94	Speech Recognition Based Wireless Automation Of Home Loads With Fault Identification For Physically Challenged	Hardware+Android
95	More Efficient Home Energy Management System using Android Phone	Hardware+Android
96	Lab automation using Android phone through Bluetooth technology	Hardware+Android
97	Human detection in natural disaster using PIR sensor	Hardware+Android
98	EVIDENCE COLLECTION FROM CAR BLACK BOXES USING SMART PHONES	Hardware+Android
99	ANDROID BASED TEMPERATURE AND VOLTAGE MEASUREMENT	Hardware+Android
100	ROBOTIC AID FOR SURVILENCE OF HUMAN BEINGS USING ZIGBEE	Hardware+Android
101	AUTOMATIC ORDERING AND BILLING IN HOTELS	Hardware+Android
102	Industrial Automation for Mobile Device using Bluetooth Technology	Hardware+Android
103	Android Based Robot Control	Hardware+Android
104	Health at the home:Remote health monitoring for patients and senior citizens at the home by using centralized web server	Hardware+Android
105	Transport/Travel Management System: Detection of Aggressive driving of commercial vehicles, along with Fuel theft detection, using centralized web server	Hardware+Android
106	Intelligent Food Management System: Maintenance of Agro and Non-Agro Foods in Cold Storage/Warehouse	Hardware+Android
Web Applications Development(J2EE)		
107	Value added sales tax information system	Java, Jsp,servlet,oracle
108	Tanrox Work Force (Activity Control System)	J2EE,Struts,MySql
109	Virtual office Management	Java,servlet, Jsp,sql, MS access
110	Intranet Mailing System	Java, Jsp,sql server
111	Collaborative White Board – core java	Java ,swing
112	DCMS(Distributed channel management system)	Java, Jsp,servlet,oracle 10g
113	Router Guide	Java, My SQL 4.0
114	Text Editor – Core Java	Java
115	Online Examination	Java,servlet, Jsp,sql server
116	Customer Relationship Management –(CRM)	Java, Jsp,sql server
117	ORKUT USING JAVA	JAVA
118	Telecom Inventory Management System	Java, JSP, Tomcat, MYSQL
119	Global Tracker	Java, JSP, Tomcat, MYSQL
120	Online Rental House Web Portal	Java, JSP, Tomcat, MYSQL
121	Online University	Java, JSP, Tomcat, MYSQL
122	Company Information Tracking System (CITS)	Java, JSP, Tomcat, MYSQL
123	Steel Production Planning & Control	Servlet, jdbc, j2ee, oracle 9i, tomcat 5.5
124	NetSuite Multi-Channel Retail Management Suite	Java, JSP, Tomcat, MYSQL
Dotnet IEEE Projects		
125	Long-Term Cross-Session Relevance Feedback Using Virtual Features (IEEE)	.Net, c#.Net, SQL Server
126	Digital Image Tracing by Sequential Multiple Watermarking (IEEE)	.Net 2003, C#.Net

127	Vision Processing for Real-time 3-D Data Acquisition Based on Coded Structured Light (IEEE)	C#.Net, Visual Studio 2005
128	Neural Networks for Unicode Optical Character Recognition	C#.Net, Visual Studio 2005
129	Cloud OS-Cloud Computing	ASP.Net Ajax Cloud Platform, SQL Server
130	Image Recognition with Neural Networks	C#.Net, Visual Studio 2005
131	SpyNet	C#.Net, Visual Studio 2005
132	Reversible Data Hiding In Encrypted Images By Reserving Room Before Encryption (IEEE -2013)	Visual Studio 2005/2008/ ASP.NetwithC#,SQL Server 2008
133	Privacy Preserving Delegated Access Control in Public Clouds. (IEEE Transactions -Cloud Computing -IEEE 2013) (IEEE-2013)	Visual Studio 2005/2008/ ASP.NetwithC#,SQL Server 2008
134	Energy Maps for Mobile Wireless Networks (IEEE)	Visual Studio 2005/ 2008
135	Attribute-based Access to Scalable Media in Cloud-assisted Content Sharing Networks (IEEE TRANSACTIONS ON CLOUD COMPUTING (IEEE-2013)	Visual Studio 2005/2008/ ASP.NetwithC#,SQL Server 2008
136	Privacy Preserving Data Sharing With Anonymous ID Assignment (IEEE TRANSACTIONS ON FORENSICS AND SECURITY (IEEE-2013)	Visual Studio 2005/2008/ ASP.NetwithC#,SQL Server 2008
137	Achieving Secure, Scalable, and Fine-grained Data Access Control in Cloud Computing (IEEE-2010)	.Net, SQL Server 2005
138	Visual Data Mining of Web Navigational Data (IEEE-2010)	Visual Studio 2005/ 2008
139	Fuzzy Keyword Search over Encrypted Data in Cloud Computing (IEEE-2010)	.Net, SQL Server 2005
140	An economic approach for scalable and highly-available distributed applications (IEEE-2010)	.Net, SQL Server 2005
141	Privacy-Preserving Public Auditing for Data Storage Security in Cloud Computing (IEEE2010)	.Net, SQL Server 2005
142	Exploring Application-Level Semantics for Data Compression (IEEE-2011)	.Net, SQL Server 2005
143	Bridging Socially-Enhanced Virtual Communities (IEEE-2011)	.Net, SQL Server 2005
144	Efficient Computation of Range Aggregates against Uncertain Location Based Queries (IEEE-2011)	.Net, SQL Server 2005
145	Improving Aggregate Recommendation Diversity Using Ranking-Based Techniques (IEEE-2011)	.Net 2008, SQL Server 2005
146	EMAP: Expedite Message Authentication Protocol for Vehicular Ad Hoc Networks.(IEEE2013)	C#.Net, Visual Studio 2008
147	Monitoring Service System from A Language – Action Perspective (IEEE-2011)	.Net, SQL Server 2005
148	Jamming-Aware Traffic Allocation for Multiple-Path Routing Using Portfolio Selection (IEEE-2011)	.Net, SQL Server 2005
149	Mobi-Sync: Efficient Time Synchronization for Mobile Underwater Sensor Networks. (IEEE-2013)	Visual Studio 2005/Visual Studio 2008
150	BECAN: A Bandwidth-Efficient Cooperative Authentication Scheme for Filtering Injected False Data in Wireless Sensor Networks (IEEE-2012)	C#.Net, Visual Studio 2008
151	Redundancy Management of Multipath Routing for Intrusion Tolerance in Heterogeneous Wireless Sensor Networks (IEEE-2013)	.Net, SQL Server 2005
152	Scalable and Secure Sharing of Personal Health Records in Cloud Computing using Attribute-based Encryption (IEEE-2013)	C#.Net, Asp.Net, SQLServer 2008
153	SCALABLE LEARNING OF COLLECTIVE BEHAVIOUR (IEEE-2012)	C#.Net, Asp.Net, SQLServer 2005
154	Towards Secure and Dependable Storage Services in Cloud Computing (IEEE-2012)	C#.Net, Asp.Net, SQLServer 2005
155	Bridging Social and Data Networks (IEEE-2012,Knowledge and Data Engineering)	C#.Net, Asp.Net, SQLServer 2005
156	Defenses Against Large Scale Online Password Guessing Attacks By Using Persuasive Click Points (IEEE-2012, Image Processing)	C#.Net, Asp.Net, SQLServer 2005
157	Data Integrity Proofs in Cloud Storage (IEEE-2011)	.Net, SQL Server 2005
158	EFFICIENT AUDIT SERVICE OUTSOURCING FOR DATA INTEGRITY IN CLOUDS (IEEE-2012)	C#.Net, Asp.Net, SQLServer 2005
159	SPOC: A Secure and Privacy-preserving Opportunistic Computing Framework for Mobile-Healthcare Emergency (IEEE-2013)	C#.Net, SQLServer 2005
160	Local Directional Number Pattern for Face Analysis: Face and Expression Recognition(IEEE-	C#.Net, Visual Studio 2008

	2013)	
161	LBP-BASED EDGE-TEXTURE FEATURES FOR OBJECT RECOGNITION (IEEE-2014)	C#.Net, Asp.Net, SQLServer 2008
162	Panda: Public Auditing for Shared Data with Efficient User Revocation in the Cloud (IEEE-2014)	C#.Net, Asp.Net, SQLServer 2008
163	Privacy-Preserving Multi-keyword Ranked Search over Encrypted Cloud Data (IEEE-2014)	C#.Net, Asp.Net, SQLServer 2008
164	SECURE DATA RETRIEVAL FOR DECENTRALIZED DISRUPTION-TOLERANT MILITARY NETWORKS (IEEE-2014)	C#.Net, Asp.Net, SQLServer 2008
Dotnet Application Projects		
165	Online Adventure/Check out My Trip/Online Tourism	Visual Studio 2005/ 2008
166	Automated Reformatory	Visual Studio 2005/ 2008
167	Corporate based credential cluster	Visual Studio 2005/ 2008
168	E2M Conference	Visual Studio 2005/ 2008
169	GISS	Visual Studio 2005/ 2008
170	Resort Management System	Visual Studio 2005/ 2008
171	Online Tender	Visual Studio 2005/ 2008
172	Hospital Management	Visual Studio 2005/ 2008
173	Gas Agency System	Visual Studio 2005/ 2008
174	Insurance on Internet	Visual Studio 2005/ 2008
175	Intelligent Transportation	Visual Studio 2005/ 2008
176	Webmart	Visual Studio 2005/ 2008
177	Course Milestone	Visual Studio 2005/ 2008
178	Client Server Based Live Meeting	Visual Studio 2005/ 2008
179	Courier Automation	Visual Studio 2005/ 2008
180	Vehicle Monitoring System	Visual Studio 2005/ 2008
181	Online Auction	Visual Studio 2005/ 2008
182	Steganography	Visual Studio 2005/ 2008
183	Hotel Management	Visual Studio 2005/ 2008
184	Construction Plus System	Visual Studio 2005/ 2008
185	Online Shopping	Visual Studio 2005/ 2008
186	College Management System	Visual Studio 2005/ 2008
187	Online Examination Enabled with Ajax	Visual Studio 2005/ 2008
188	Desktop Activity Recorder for PC Monitoring	Visual Studio 2005/ 2008