

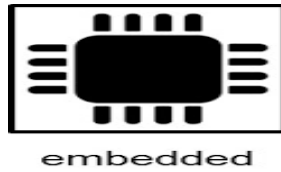


# IGEEKS Technologies

Bridging Technology.

For: - B. E | B. Tech | M. E | M. Tech | MCA | BCA | Diploma | MS | M. Sc |

## Project Domains



## IEEE

REAL TIME PROJECTS  
& TRAINING GUIDE  
SOFTWARE & EMBEDDED



[www.makefinalyearproject.com](http://www.makefinalyearproject.com)



### PROJECT TITLES FOR ACADEMIC YEAR 2016 - 2017

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# FINAL YEAR PROJECTS.....

IGEEKS Technologies is a company located in Bangalore, India. We have been recognized as a quality provider of hardware and software solutions for the student's in order to carry out their academic Projects. We offer academic projects at various academic levels ranging from graduates to masters (Diploma, BCA, BE, M. Tech, MCA, M. Sc (CS/IT)).

As a part of our vision to provide hands-on experience to the students we invite them from the stream of Electronics, Instrumentation, Computer Science & Information Science to carry out their academic project work at our facility under the guidance of industry experts.

**Your Search for Project Ends Here! Come and Join Us for Real Time Project Exposure with In-Depth Training.**

**WE CURRENTLY OFFER LIVE PROJECTS IN THE FOLLOWING AREAS:**

PROJECTS BY DEGREE	PROJECT DOMAINS	TECHNOLOGY WE COVER
<ul style="list-style-type: none"><li>• BCA Final Year Projects</li><li>• B.E Final Year Projects</li><li>• Final Year M. Tech Projects</li><li>• Final Year B. Tech Projects</li><li>• Final Year BCA Projects</li><li>• MCA Final Year Projects</li><li>• M.S Final Year Projects</li><li>• Diploma Final Year Projects</li><li>• Open University (BCA &amp; MSC) Projects</li></ul>	<ul style="list-style-type: none"><li>• Software Projects</li><li>• Java Cloud Computing Projects</li><li>• Java Data Mining Projects</li><li>• Java Mobile Computing Projects</li><li>• Java Wireless Sensor Networks</li><li>• Android Projects</li><li>• NS2 / NS3 Projects</li><li>• Hardware Projects</li><li>• Electrical Projects</li><li>• Embedded Automotive Projects</li><li>• Embedded Biomedical Projects</li><li>• Embedded GSM / GPRS / GPS</li><li>• Embedded ARM Projects</li><li>• Embedded Raspberry PI</li><li>• VLSI FPGA Projects</li><li>• Mechanical Projects</li><li>• Simulation Projects</li><li>• Matlab Communication System</li><li>• Matlab Power Electronics</li><li>• Matlab Signal Processing</li><li>• Matlab Wireless Communication</li></ul>	<ul style="list-style-type: none"><li>• Android</li><li>• Dot Net</li><li>• JAVA / J2EE</li><li>• Wireless</li><li>• Embedded Systems</li><li>• GSM / GRPS / GPS</li><li>• ZigBee</li><li>• Bluetooth</li><li>• Mindwave</li><li>• MATLAB</li><li>• VLSI</li><li>• Robotics</li><li>• RFID</li><li>• Biometrics</li><li>• Image Processing</li><li>• NFC</li><li>• Security based</li><li>• Web Technology</li><li>• Mechatronics</li><li>• IOT (Internet of Things)</li><li>• Cloud Computing</li></ul>

S.No	Project Title (2016-2017)	Year
<b>B.E CSE &amp; ISE/MCA Project Titles</b>		
<b>Image Processing</b>		
1	A Locality Sensitive Low-Rank Model for Image Tag Completion	IEEE 2016
2	Tag Based Image Search by Social Re-ranking	IEEE 2016
3	Web Image Search Re-ranking with Click-based Similarity and Typicality	IEEE 2016
4	A Mixed Generative Discriminative Based Hashing Method	IEEE 2016
5	Semantic Concept Co-occurrence Patterns for Image Annotation and Retrieval	IEEE 2016
6	Online Multi-Modal Distance Metric Learning with Application to Image Retrieval	IEEE 2016
7	An Attribute-Assisted Reranking Model for Web Image Search	IEEE 2015
8	Learning to Rank Image Tags with Limited Training Examples	IEEE 2015
9	Multiview Alignment Hashing for Efficient Image Search	IEEE 2015
10	Captcha as Graphical Passwords—A New Security Primitive Based on Hard AI Problems	IEEE 2014
11	Personalized Geo-Specific Tag Recommendation for Photos Social websites	IEEE 2014
12	Learning and Recognition of On-Premise Signs from Weakly Labeled Street View Image	IEEE 2014
13	Learn to Personalized Image Search from the Photo Sharing Websites	IEEE 2012
14	A Personal Authentication Based on IRIS Recognition	IEEE
15	Noise Reduction By Fuzzy Image Filtering	IEEE
16	Script identification through temporal Sequence of the Strokes	IEEE
<b>Networking / Network Security / Wireless Communications/ Parallel and Distributed System/ Secure Computing</b>		
17	A Shoulder Surfing Resistant Graphical Authentication System	IEEE 2016
18	Cyberbullying Detection based on Semantic-Enhanced Marginalized Denoising Auto-Encoder	IEEE 2016
19	FRAppE Detecting Malicious Facebook Applications	IEEE 2016
20	FRoDO: Fraud Resilient Device for Off-line micro-payments	IEEE 2016
21	Mitigating Cross-Site Scripting Attacks with a Content Security Policy	IEEE 2016
22	STAMP: Enabling Privacy-Preserving Location Proofs for Mobile Users	IEEE 2016
23	A Hop-by-Hop Routing Mechanism for Green Internet	IEEE 2016
24	EPLQ: Efficient Privacy-Preserving Location-Based Query Over Outsourced Encrypted Data	IEEE 2016
25	Detecting Node Failures in Mobile Wireless Networks: A Probabilistic Approach	IEEE 2016
26	Opportunistic Routing With Congestion Diversity in Wireless Ad Hoc Networks	IEEE 2016
27	Continuous Answering Holistic Queries over Sensor Networks	IEEE 2016
28	Geometric Range Search on Encrypted Spatial Data	IEEE 2016
29	Secure and Efficient Data Communication Protocol for Wireless Body Area Networks	IEEE 2016
30	Anonymity-based Privacy-preserving Data Reporting for Participatory Sensing (IOT)	IEEE 2015
31	Cost-Effective Authentic and Anonymous Data Sharing with Forward Security	IEEE 2015
32	Continuous and Transparent User Identity Verification for Secure Internet Services	IEEE 2015
33	Trust-based Service Management for Social Internet of Things Systems	IEEE 2015
34	Access Control in Decentralized Online Social Networks: Applying a Policy-Hiding Cryptographic Scheme and Evaluating Its Performance	IEEE 2014
35	A System for Denial-of-Service Attack Detection Based on Multivariate Correlation Analysis	IEEE 2014
36	Asymmetric Social Proximity Based Private Matching Protocols for Online Social Networks	IEEE 2014
37	A Two-Stage Deanonimization Attack Against Anonymized Social Networks	IEEE 2014
38	Community-home-based Multi-copy Routing in Mobile Social Networks	IEEE 2014
39	Hop-by-Hop Message Authentication and Source Privacy in Wireless Sensor Networks	IEEE 2014
40	Key-Aggregate Cryptosystem for Scalable Data Sharing in Cloud Storage	IEEE 2014
41	Map-Aware Models for Indoor Wireless Localization Systems	IEEE 2014
42	Privacy-Preserving Optimal Meeting Location Determination on Mobile Devices	IEEE 2014
43	Secure Data Retrieval For Decentralized Disruption-Tolerant Military Networks	IEEE 2014
44	CAM: Cloud-Assisted Privacy Preserving Mobile Health Monitoring	IEEE 2013
45	Fully Anonymous Profile Matching in Mobile Social Networks	IEEE 2013
46	Mobile Relay Configuration in Data-Intensive Wireless Sensor Networks	IEEE 2013
47	Optimum Relay Selection for Energy-Efficient Cooperative Ad Hoc Networks	IEEE 2013
48	Participatory Privacy: Enabling Privacy in Participatory Sensing	IEEE 2013
49	TrPF: A Trajectory Privacy-Preserving Framework for Participatory Sensing	IEEE 2013
50	Vampire attacks: Draining life from wireless ad-hoc sensor networks	IEEE 2013
51	An Efficient Caching Scheme and Consistency Maintenance in Hybrid P2P System	IEEE 2012
52	Online Modeling of Proactive Moderation System for Auction Fraud Detection	IEEE 2012

53	Packet-Hiding Methods for Preventing Selective Jamming Attacks	IEEE 2012
54	Privacy- and Integrity-Preserving Range Queries in Sensor Networks	IEEE 2012
55	A Distributed Algorithm for Finding All Best Swap Edges of a Minimum Diameter Spanning Tree	IEEE 2011
56	A Privacy-Preserving Location Monitoring System for Wireless Sensor Networks	IEEE 2011
57	Delay Analysis and Optimality of Scheduling Policies for Multi-Hop Wireless Networks	IEEE 2011
58	Design and Implementation of Addressing Mental Health Epidemic among University Students via Web-based, Self-Screening and Referral System	IEEE 2011
59	Modeling and Detection of Camouflaging Worm.	IEEE 2011
60	Nymble: Blocking Misbehaving Users in Anonymizing Networks	IEEE 2011
61	SAT:A Security Architecture Achieving Anonymity and Traceability in Wireless	IEEE 2011
62	Supporting Efficient and Scalable Multicasting over Mobile Ad Hoc Networks	IEEE 2011
63	Achieving Network Level Privacy in Wireless Sensor Networks	IEEE 2010
64	Bandwidth Recycling in IEEE 802.16 Networks	IEEE 2010
65	Host-to-Host Congestion Control for TCP	IEEE 2010
66	Label-Based DV-Hop Localization against Wormhole Attacks In Wireless Sensor Networks	IEEE 2010
67	A Bidirectional Routing Abstraction for Asymmetric Mobile Ad Hoc Networks	IEEE
68	Distributed Cache Updating Using Dynamic Source Routing Protocol	IEEE
69	Enhancing Search Performance in Unstructured P2P Networks Based on Users' Common Interest	IEEE
70	Multiple Routing configurations for Fast IP network Recovery	IEEE
	<b>Cloud Computing</b>	
71	A Secure Anti-Collusion Data Sharing Scheme for Dynamic Groups in the Cloud	IEEE 2016
72	Circuit Cipher text-policy Attribute-based Hybrid Encryption with Verifiable Delegation in Cloud Computing	IEEE 2016
73	DeyPoS: Deduplicatable Dynamic Proof of Storage for Multi-User Environments	IEEE 2016
74	KSF-OABE: Outsourced Attribute-Based Encryption with Keyword Search Function for Cloud Storage	IEEE 2016
75	SecRBAC: Secure data in the Clouds	IEEE 2016
76	Secure Optimization Computation Outsourcing in Cloud Computing: A Case Study of Linear Programming	IEEE 2016
77	Attribute-Based Data Sharing Scheme Revisited in Cloud Computing	IEEE 2016
78	Dynamic Hash Table Based Public Auditing for Secure Cloud Storage	IEEE 2016
79	Efficient and Expressive Keyword Search Over Encrypted Data in Cloud	IEEE 2016
80	Dynamic and Public Auditing with Fair Arbitration for Cloud Data	IEEE 2016
81	A Secure and Dynamic Multi-keyword Ranked Search Scheme over Encrypted Cloud Data	IEEE 2016
82	Enabling Cloud Storage Auditing With Verifiable Outsourcing of Key Updates	IEEE 2016
83	Protecting Your Right: Verifiable Attribute-Based Keyword Search with Fine-Grained Owner-Enforced Search Authorization in the Cloud	IEEE 2016
84	Audit-Free Cloud Storage via Deniable Attribute-based Encryption	IEEE 2015
85	Provable Multicopy Dynamic Data Possession in Cloud Computing Systems	IEEE 2015
86	Key-Aggregate Searchable Encryption (KASE) for Group Data Sharing via Cloud Storage	IEEE 2015
87	Control Cloud Data Access Privilege and Anonymity with Fully Anonymous Attribute based Encryption	IEEE 2015
88	EnDAS: Efficient Encrypted Data Search as a Mobile Cloud Service	IEEE 2015
89	CHARM: A Cost-efficient Multi-cloud Data Hosting Scheme with High Availability	IEEE 2015
90	Privacy-Preserving Public Auditing for Regenerating-Code-Based Cloud Storage	IEEE 2015
91	Discovery of Ranking Fraud for Mobile Apps	IEEE 2015
92	Public Integrity Auditing for Shared Dynamic Cloud Data with Group User Revocation	IEEE 2015
93	Secure Distributed Deduplication Systems With Improved Reliability	IEEE 2015
94	Secure Auditing and Deduplicating Data in Cloud	IEEE 2015
95	T-Broker: A Trust-Aware Service Brokering Scheme For Multiple Cloud Collaborative Services	IEEE 2015
96	A Cloud Environment for Backup and Data Storage	IEEE 2014
97	A Hybrid Cloud Approach for Secure Authorized Deduplication	IEEE 2014
98	Cloud-Assisted Mobile-Access of Health Data With Privacy and Audit ability	IEEE 2014
99	Oruta: Privacy-Preserving Public Auditing for Shared Data in the Cloud	IEEE 2014
100	VABKS: Verifiable Attribute-based Keyword Search over Outsourced Encrypted Data	IEEE 2014
101	AMES-Cloud: A Framework of Adaptive Mobile Video Streaming and Efficient Social Video Sharing in the Clouds	IEEE 2013
102	Dynamic Resource Allocation Using Virtual Machines for Cloud Computing Environment	IEEE 2013
103	Privacy-Preserving Public Auditing for Secure Cloud Storage	IEEE 2013
104	Cloud Computing Security: From Single to Multi-Clouds	IEEE 2012
105	Ensuring Distributed Accountability For Data Sharing in The Cloud	IEEE 2012
106	Secure and Practical Outsourcing of Linear Programming in Cloud Computing	IEEE 2011
107	Ensuring Data Storage Security in Cloud Computing	IEEE 2010

	<b>Knowledge And Data Engineering Projects/Data Mining/Web Mining /Big Data Projects</b>	
108	A Novel Recommendation Model Regularized with User Trust and Item Ratings	IEEE 2016
109	Connecting Social Media to E-Commerce: Cold-Start Product Recommendation using Microblogging Information	IEEE 2016
110	Sentiment Embedding's with Applications to Sentiment Analysis	IEEE 2016
111	Rating Prediction based on Social Sentiment from Textual Reviews	IEEE 2016
112	Personalized Travel Sequence Recommendation on Multi-Source Big Social Media	IEEE 2016
113	Cross-Platform Identification of Anonymous Identical Users in Multiple Social Media Networks	IEEE 2016
114	Resolving Multi-party Privacy Conflicts in Social Media	IEEE 2016
115	Booster in High Dimensional Data Classification	IEEE 2016
116	Domain-Sensitive Recommendation with User-Item Subgroup Analysis	IEEE 2016
117	Nearest Keyword Set Search in Multi-Dimensional Datasets	IEEE 2016
118	Quantifying Political Leaning from Tweets, Retweets, and Re tweeters	IEEE 2016
119	Top-Down XML Keyword Query Processing	IEEE 2016
120	User-Service Rating Prediction by Exploring Social Users' Rating Behaviors	IEEE 2016
121	Profiling Online Social Behaviors for Compromised Account Detection	IEEE 2016
122	Best Keyword Cover Search	IEEE 2015
123	Co-Extracting Opinion Targets and Opinion Words from Online Reviews Based on the Word Alignment Model	IEEE 2015
124	Domain-Specific Key phrase Extraction and Near-Duplicate Article Detection based on Ontology	IEEE 2015
125	FRAMEWORK FOR SURVEILLANCE OF INSTANT MESSAGES IN INSTANT MESSENGERS	IEEE 2015
126	THE SAFE MINER: A Fine Grained Aspect Level Approach for Resolving the Sentiment	IEEE 2015
127	SmartCrawler: A Two-Stage Crawler For Efficiently Harvesting Deep-Web Interfaces	IEEE 2015
128	Structured Learning from Heterogeneous Behavior for Social Identity Linkage	IEEE 2015
129	Trust-based Service Management for Social Internet of Things Systems	IEEE 2015
130	Dealing With Concept Drifts in Process Mining	IEEE 2014
131	Incremental Affinity Propagation Clustering Based on Message Passing	IEEE 2014
132	Personalized Recommendation Combining User Interest and Social Circle	IEEE 2014
133	Personalized Web search Using Browsing History And Domain Knowledge	IEEE 2014
134	Privacy Preserving and Content Protecting Location based Queries	IEEE 2014
135	Supporting Privacy Protection in Personalized Web Search	IEEE 2014
136	A Fast Clustering-Based Feature Subset Selection Algorithm for High Dimensional Data	IEEE 2013
137	A system to Filter Unwanted Messages from OSN Uses Walls	IEEE 2013
138	Anomaly Detection via Online Oversampling Principal Component Analysis.	IEEE 2013
139	Multiparty Access Control for Online Social Networks: Model and Mechanisms	IEEE 2013
140	Ranking Model Adaptation For Domain-Specific Search	IEEE 2012
141	Slicing: A New Approach to Privacy Preserving Data Publishing	IEEE 2012
142	Extended XML Tree Pattern Matching: Theories and Algorithms	IEEE 2011
143	Ranking Spatial Data by Quality Preferences	IEEE 2011
	<b>Mobile Computing</b>	
144	Intelligent Hands Free Speech based SMS System on Android	IEEE 2016
145	Read to me: A cloud based reading aid for visually impaired	IEEE 2016
146	Safeguard: User Re authentication on Smartphones via Behavioral Biometrics	IEEE 2016
147	Service Rating Prediction by Exploring Social Mobile Users' Geographical Locations	IEEE 2016
148	Fast Data Collection in Tree-Based Wireless Sensor Networks	IEEE 2012
149	Multicast Multi-path Power Efficient Routing in Mobile ADHOC networks	IEEE 2010
150	Staying Connected in a Mobile Healthcare System Experiences	IEEE 2010
151	Location Based Intelligent Mobile Organizer	IEEE
152	Android Attack Application	
153	Android Event Scheduler /Reminder Application	
154	Android Student Result Analyzing System	
155	Insurance in android	
156	M-banking	
157	Mobile Invoice (Mobile Billing)	
158	Mobile Location Alarm	
159	Mobi Travel Guide – Smart way to travel	
160	Online shopping Android Application	
161	Remote PC Administration Using J2ME	
162	Restaurant Table Order Management System	
163	SIP – Session Initiation Protocol (M-Conference)	
164	Tollgate payment System	

165	VAS for Hand Held Device-MM7 Protocol implementation	
166	Wedjat: A Mobile Phone Based Medicine In-take Reminder and Monitor S/B	
	<b>Embedded with Android – Product Based Projects ( Hardware + Software)</b>	
167	A Fair Fare System to Detect Tampering Using Android Phone	
168	Advanced Sophisticated Techniques in Vehicles for Prevention of Accidents	
169	Android Based Robot Control	
170	Android Based Temperature and Voltage Measurement	
171	Android & Bluetooth Based Voice Controlled Wireless Smart Home System	
172	Airport Baggage Conveyor and Voice notification using Android Technology	
173	Asset Tracking System Using GSM & GPS	
174	Automatic Ordering And Billing in Hotels	
175	An Optimal Driving System By Using Wireless Helmet	
176	Building Lighting Automation through the Integration with Wireless Sensor Network	
177	Centralized LPG Cylinders Theft Detection System With Security Alerts	
178	Child Activity Recognition Using Accelerometer and RFID Reader	
179	Coin Based Universal Mobile Battery Charger, Purified Drinking Water with Emergency Alert System	
180	Design and Construction of Mini-Robot for Gas LP Detection Using a Mobile Device	
181	Design and Implementation of Client-Server based Remote Motor Control System Industrial Applications	
182	E-Cradle for Infant Care with Android Speech alert for dangerous conditions	
183	Electronic Stick and Android Smartphones to the Aid of Blindly Disabled Individuals	
184	Evidence Collection From Car Black Boxes Using Smart Phones	
185	GPS based child tracking with server & SMS alert to parents	
186	Health @ Home – Remote monitoring of vital signs	
187	Health @ Home : Remote health monitoring for patients and senior citizens at the home by using centralized web server	
188	Head movement based wireless communication with speech alert for Paralyzed Person	
189	Human detection in natural disaster using PIR sensor	
190	iMAS: Intelligent Mobile Advertising System	
191	Industrial Automation for Mobile Device using Bluetooth Technology	
192	Intelligent Food Management System: Maintenance of Agro and Non-Agro Foods in Cold Storage	
193	Integrating Radio Frequency Identification Technology (RFID) in Academic Management System (AMS)	
194	Intelligent Radio Frequency Identification Technology in Academic Management System	
195	Lab Automation Using Android Phone Through Bluetooth Technology	
196	MEMS (Accelerometer) based robot motion control with fire, gas detection & control system with voice	
197	More Efficient Home Energy Management System using Android Phone	
198	Mobile Lost Identifier Using Cloud	
199	M-College Android App	
200	Monitoring Human Joint Movement Using Wearable Computing	
201	NFC-Enabled Smartphone Application for Drug Interaction and Drug Allergy Detection	
202	Pick and Place Robot using Wireless Technology for Embedded Application	
203	Physical Activity and Behavior Recognition of One-Two Year Old Child with Real time data collection for Doctors Observation	
204	Rapid Entire Body Postural Analysis Assessment Device for Computer Operators with Alert in Android	
205	Raspberry Pi Based Deadly School Van Monitoring System with E-mail Alert	
206	Reactive Navigation of Multiple Moving Agents in Room Environment	
207	Real time communication between dumb, deaf and blind people using voice & gesture with Matlab	
208	Remote Electronic Lab Using Wireless Network Technology	
209	Robotic aid for surveillance of human beings using ZigBee	
210	Robotic automated food service provider is hotel with android based individual menu system	
211	Seed Sowing Plowing and Waste Grass Cutting Robot with Android Application	
212	Smart City Management - Traffic System, Ambulance & Street Light	
213	Speech based monitoring using Android phone	
214	Speech Recognition Based Wireless Automation Of Home Loads With Fault Identification For Physically Challenged	
215	Speech based wheel chair control for physically challenged person using Android Bluetooth technology	
216	Theft Intimation of Vehicle Over SMS to Owner Who Can Stop the Engine Remotely	
217	Transport/Travel Management System: Detection of Aggressive driving of commercial vehicles, along with Fuel theft detection, using centralized web server	
218	Unusual Event Detection in Low Resolution Video for enhancing ATM security	
219	Vehicle Tracking and Locking System Based on GSM and GPS	
220	Voice Assisted Embedded System for the Visually Impaired Person Using Image Processing For Indoor Purpose	

221	Wireless Intelligent Billing Trolley For Shopping Malls Using ZIGBEE	
222	Women Anti Rape Belt	
	<b>Web Applications Projects (J2EE)(JSP, JDBC, MYSQL &amp; ORACLE) – Diploma(CS), BCA / MCA STUDENTS</b>	
223	Appositeness Intendance (Health Card)	
224	Career Information Maintenance (Placement Cell)	
225	Cartel Communique ( multi-conference)	
226	Collaborative White Board	
227	Company Information Tracking System (CITS)	
228	Corporate Recruitment System (CRS)	
229	Aadhaar Secure Travel Identity	
230	E Transaction Interface (Payment Gate way for all banks)	
231	DCMS (Distributed channel management system)	
232	Disposition Prospectus (Government Schemes Management System)	
233	Electorate Conspiracy (Automated e-Govt Certificates)	
234	e-Learning (Technology E –Learning)	
235	Embedding the Secure Data In An Audio/Video and Image Files	
236	Enterprise Resource Information System(ERIS)	
237	E-Zest (resort management)	
238	Global Tracker	
239	Intranet Mailing System	
240	Intrusion Detection System	
241	Complaint Management system	
242	Loan Monitoring System	
243	Local Service Center	
244	Medi Tracker	
245	Mortal Policy Outline (insurance company)	
246	Online Examination	
247	Online Registration For Voter Card	
248	Online University	
249	Orkut Using Java	
250	Payroll Management system	
251	Pharmaceutical Product Distribution System	
252	Router Guide	
253	Secure Data Transmission	
254	Steel Production Planning & Control	
255	Tanrox Work Force (Activity Control System)	
256	Telecom Inventory Management System	
257	Text Editor	
258	Value added sales tax information system	
259	Virtual office Management	
260	Hotel food order system	
261	Monitoring Online Tests through Data Visualization	
262	Online travel and personal package Recommendation	
263	Online Tourism	
264	Real Estate Management System	
265	Vehicle Management and Booking System	
	<b>PHP Application Based Projects (PHP &amp; MySQL)- BCA/MCA STUDENTS</b>	
266	Avoid Food Wastage_PHP	
267	Complain Management System_PHP	
268	Courier Management System_PHP	
269	Facebook App_PHP	
270	Hospital Management	
271	Intranet Mailing System_PHP	
272	Leave Management For MNC	
273	Online Book Shop.Com_PHP	
274	Online Bidding_PHP	
275	Online Notice Board_PHP	
276	Online Polling For Publishers And Brands	
277	Online Shopping_PHP	

278	Online Tour(My Tour)	
279	Online home appliance_PHP	
280	Secure File Downloading System	
281	Statistical Entity Extraction from Web_PHP	
282	Student Information System_PHP	
283	Web Based Learning System	
284	Web Doctor	
	<b>Dotnet IEEE Projects</b>	
	<b>Cloud, Networking, Data Mining Projects</b>	
285	Attribute-based Access Control with Constant-size Ciphertext in Cloud Computing	IEEE 2016
286	Flexible and Fine-Grained Attribute Based Data Storage in Cloud Computing	IEEE 2016
287	Secure Data Sharing in Cloud Computing Using Revocable-Storage Identity-Based Encryption	IEEE 2016
288	Secure Reversible Image Data Hiding over Encrypted Domain via Key Modulation	IEEE 2016
289	TagBook: A Semantic Video Representation without Supervision for Event Detection	IEEE 2016
290	Shadow Attacks based on Password Reuses: A Quantitative Empirical Analysis	IEEE 2016
291	Predicting Personalized Image Emotion Perceptions in Social Networks	IEEE 2016
292	ID2S Password-Authenticated Key Exchange Protocols	IEEE 2016
293	Text Mining the Contributors to Rail Accidents	IEEE 2016
294	Noise Analysis	IEEE 2015
295	Revealing the Trace of High-Quality JPEG Compression Through Quantization	IEEE 2015
296	RRW - A Robust and Reversible Watermarking Technique for Relational Data	IEEE 2015
297	A Secure Client Side Deduplication Scheme in Cloud Storage Environments	IEEE 2014
298	LBP-Based Edge-Texture Features For Object Recognition	IEEE 2014
299	Panda: Public Auditing for Shared Data with Efficient User Revocation in the Cloud	IEEE 2014
300	Privacy-Preserving Multi-keyword Ranked Search over Encrypted Cloud Data	IEEE 2014
301	Privacy Preserving Delegated Access Control in Public Clouds	IEEE 2014
302	EMAP: Expedite Message Authentication Protocol for Vehicular Ad Hoc Networks	IEEE 2013
303	Local Directional Number Pattern for Face Analysis: Face and Expression Recognition	IEEE 2013
304	Mobi-Sync: Efficient Time Synchronization for Mobile Underwater Sensor Networks.	IEEE 2013
305	Privacy Preserving Data Sharing With Anonymous ID Assignment	IEEE 2013
306	Redundancy Management of Multipath Routing for Intrusion Tolerance in Heterogeneous Wireless Sensor Networks	IEEE 2013
307	Reversible Data Hiding In Encrypted Images By Reserving Room Before Encryption	IEEE 2013
308	Scalable and Secure Sharing of Personal Health Records in Cloud Computing using Attribute-based Encryption	IEEE 2013
309	SPOC: A Secure and Privacy-preserving Opportunistic Computing Framework for Mobile-Healthcare Emergency	IEEE 2013
310	BEKAN: A Bandwidth-Efficient Cooperative Authentication Scheme for Filtering Injected False Data in Wireless Sensor Networks	IEEE 2012
311	Bridging Social and Data Networks	IEEE 2012
312	Defenses Against Large Scale Online Password Guessing Attacks By Using Persuasive Click Points	IEEE 2012
313	Efficient Audit Service Outsourcing For Data Integrity in Clouds	IEEE 2012
314	Scalable Learning of Collective Behaviour	IEEE 2012
315	Towards Secure and Dependable Storage Services in Cloud Computing	IEEE 2012
316	Bridging Socially-Enhanced Virtual Communities	IEEE 2011
317	Data Integrity Proofs in Cloud Storage	IEEE 2011
318	Efficient Computation of Range Aggregates against Uncertain Location Based Queries	IEEE 2011
319	Exploring Application-Level Semantics for Data Compression	IEEE 2011
320	Improving Aggregate Recommendation Diversity Using Ranking-Based Techniques	IEEE 2011
321	Jamming-Aware Traffic Allocation for Multiple-Path Routing Using Portfolio Selection	IEEE 2011
322	Monitoring Service System from A Language – Action Perspective	IEEE 2011
323	An economic approach for scalable and highly-available distributed applications	IEEE 2010
324	Fuzzy Keyword Search over Encrypted Data in Cloud Computing	IEEE 2010
325	Privacy-Preserving Public Auditing for Data Storage Security in Cloud Computing	IEEE 2010
326	Visual Data Mining of Web Navigational Data	IEEE 2010
327	Cloud OS-Cloud Computing	IEEE
328	Digital Image Tracing by Sequential Multiple Watermarking	IEEE
329	Energy Maps for Mobile Wireless Networks	IEEE
330	Image Recognition with Neural Networks	IEEE
331	Long-Term Cross-Session Relevance Feedback Using Virtual Features	IEEE
332	Neural Networks for Unicode Optical Character Recognition	IEEE



333	Vision Processing for Real-time 3-D Data Acquisition Based on Coded Structured Light	IEEE
	<b>Dotnet Application Projects (C#.Net, ASP.Net, SQL Server)- Diploma(CS), BCA/MCA STUDENTS</b>	
334	Automated Reformatory	
335	Client Server Based Live Meeting	
336	College Management System	
337	Construction Plus System	
338	Corporate based credential cluster	
339	Courier Automation	
340	Course Milestone	
341	Desktop Activity Recorder for PC Monitoring	
342	E2M Conference	
343	Gas Agency System	
344	GISS	
345	Hospital Management	
346	Hotel Management	
347	Industrial Manpower Resource Organizer	
348	Insurance on Internet	
349	Intelligent Transportation	
350	Online Adventure/Check out My Trip/Online Tourism	
351	Online Auction	
352	Online Examination Enabled with Ajax	
353	Online Shopping	
354	Online Tender	
355	Resort Management System	
356	SpyNet	
357	Steganography	
358	Vehicle Monitoring System	
359	Webmart	

## M.E CS, IS, ECE, Communication & SE, BE Autonomous Colleges Project Titles

<b>Web Mining (JAVA)</b>		
1	An innovative tour recommendation system for tourists in Japan	2016
2	Web Page Personalization and link prediction using generalized inverted index and flame clustering	2016
3	Automated discovery of small business domain knowledge using web crawling and data mining	2016
4	Modelling website user behaviors by combining the EM and DBSCAN algorithms	2016
5	XPath based crawling method with crowdsourcing for targeted online market places	2016
6	Development of business intelligence solution for personnel administration	2016
7	Predicting user behavior through sessions using the web log mining	2016
8	Extracting Opinion Targets from Environmental Web Coverage and Social Media Streams	2016
9	Food hazard event extraction based on news and social media: A preliminary work	2016
10	Automating Web Tasks by Simulating Browser Behaviors	2016
11	SDAF: Symbolic data classification using variations in frequent terms	2016
12	More Common Than You Think: An In-depth Study of Casual Contributors	2016
13	Research on the mining of opinion community for social media based on sentiment analysis and regional distribution	2016
14	Sentiment classification for Turkish Twitter feeds using LDA	2016
15	Sentiment Analysis and Classification for Software as a Service Reviews	2016
16	A Provably Efficient Algorithm for Separable Topic Discovery	2016
17	Gathering user reviews for an opinion dictionary	2016
18	Improved speculative Apriority with percentiles algorithm for website restructuring based on usage patterns	2016
19	Extract semantic web knowledge from Wikipedia tables and lists	2016
20	Mining online forums for valuable contributions	2016
21	Leveraging Cross-Domain Social Media Analytics to Understand TV Topics Popularity	2016
22	A Study of Causes and Consequences of Client-Side JavaScript Bugs	2016
23	Data mining for marketing in telecommunication industry	2016
24	Pattern matching for extraction of core contents from news web pages	2016
25	Creating ontology for intelligent web by using web usage mining	2016
26	Prediction of User Behavior using Web log in Web Usage Mining	2016
<b>Data Mining (JAVA)</b>		

1	Efficiency of data mining models to predict academic performance and a cooperative learning model	2016
2	An elective course suggestion system developed in computer engineering department using fuzzy logic	2016
3	A unified classification approach to the online review selection using micro-reviews	2016
4	A framework for analyzing and detracting negative emotional contagion in online social networks	2016
5	Review on state of art data mining and machine learning techniques for intelligent Airport systems	2016
6	Improvement of spatial data clustering algorithm in city location	2016
7	Current research themes in software engineering: An application of text mining	2016
8	A clustering algorithm based on integration of K-Means and PSO	2016
9	Impact of Bug Reporter's Reputation on Bug-Fix Times	2016
10	A Data Mining Framework for Tea Price Evaluation	2016
11	Predicting transitional interval of kidney disease stages 3 to 5 using data mining method	2016
12	Quran question and answer corpus for data mining with WEKA	2016
13	A Survey of Data Mining and Machine Learning Methods for Cyber Security Intrusion Detection	2016
14	Using social media mining technology to assist in price prediction of stock market	2016
15	Research of association rule algorithm based on data mining	2016
16	Perceiving learning at a glance: A systematic literature review of learning dashboard research	2016
17	Processing Incomplete k Nearest Neighbor Search	2016
18	Framework for data model to personalized health systems	2016
19	Construction of decision support system in business design based on integration of information technology	2016
20	Sentiment analysis of top colleges in India using Twitter data	2016
21	Metric all-k-nearest-neighbor search	2016
22	Current issues in education as pertaining to the realm of e-commerce legal protection	2016
23	Development of a framework for analyzing terrorism actions via twitter lists	2016
24	A LDA model based text-mining method to recommend reviewer for proposal of research project selection	2016
<b>Routing (JAVA &amp; MATLAB)</b>		
1	An Optimization Framework for Mobile Data Collection in Energy-Harvesting Wireless Sensor Networks	2016
2	An Improved Three-Layer Low-Energy Adaptive Clustering Hierarchy for Wireless Sensor Networks	2016
3	Cluster-Based Routing for the Mobile Sink in Wireless Sensor Networks with Obstacles	2016
4	Optimal and Near-Optimal Cooperative Routing and Power Allocation for Collision Minimization in Wireless Sensor Networks	2016
5	CASPaR: Congestion avoidance shortest path routing for delay tolerant networks	2016
6	An Incentive-Compatible Routing Protocol for Two-Hop Delay-Tolerant Networks	2016
7	Routing and optimal hop distance in wireless ad hoc network	2016
8	A Recursive Shortest Path Routing Algorithm With Application for Wireless Sensor Network Localization	2016
9	Dynamic Cluster Head Selection Method for Wireless Sensor Network	2016
10	A Fuzzy Logic-Based Clustering Algorithm for WSN to Extend the Network Lifetime	2016
11	Energy Efficiency Optimization for Mobile Ad Hoc Networks	2016
12	Routing-aware TDMA scheduling for wireless sensor networks	2016
13	Contention-Based Geographic Forwarding Strategies for Wireless Sensors Networks	2016
14	Backpressure-based routing and scheduling protocols for wireless multi hop networks: A survey	2016
15	Cooperative Routing With Relay Assignment in Multi radio Multihop Wireless Networks	2016
16	Optimal Energy and Data Routing in Networks With Energy Cooperation	2016
17	Simulation comparison and analysis of DSR and DYMO protocols in MANETs	2016
18	An expansion cluster routing algorithm based on RSSI for an efficient data transmission	2016
19	Design and performance evaluation of an energy efficient routing protocol for Wireless Sensor Networks	2016
20	Opportunistic Routing With Congestion Diversity in Wireless Ad Hoc Networks	2016
<b>Smart Antennas (MATLAB)</b>		
1	The Application of DOA Estimation Approach in Patient Tracking Systems with High Patient Density	2016
2	Informed MIMO implementation of distributed transmit beamforming for range extension	2016
3	Switchless Reconfigurable Antenna with 360° Steering	2016
4	Investigation of RLS beamforming algorithm in terms of energy efficiency	2016
5	Combining Antenna Array Elements by using ICA Method for Remote Sensing Sources	2016
6	Fast Transmit Beamforming with Distributed Antennas	2016
7	Adaptive Beamforming for Vector-Sensor Arrays Based on a Reweighted Zero-Attracting Quaternion-Valued LMS Algorithm	2016
8	Main lobe interference suppression with Eigen projection algorithm and similarity constraints	2016
9	Robust and fast beamforming with magnitude response constraints for multiple-input multiple-output radar	2016
10	Beamforming for total energy maximization in MISO networks	2016
11	Multicell Coordinated Scheduling With Multiuser Zero-Forcing Beamforming	2016
12	Distributional robust chance-constrained minimum variance beamforming	2016

13	Reduced-Order Robust Super directive Beamforming with Uniform Linear Microphone Arrays	2016
14	Performance comparison of millimeter-wave communications system with different antenna beam width	2016
15	Weighted Sum Rate Based Coordinated Beamforming in Multi-cell Multicast Networks	2016
16	The implementation of smart antenna based on NI PXI	2016
17	A null broadening beamforming method of virtual antenna array	2016
<b>IEEE MATLAB PROJECT LIST</b>		
<b>Bio Medical</b>		
1	Image Segmentation By Using Thresholding Techniques For Medical Images	2016
2	A Survey on Medical Image Compression Using Hybrid Technique	2015
3	Image Registration using PSO and APSO: A Comparative Analysis	2015
4	Image Restoration of Medical Images using Patch Based Sparse Representation with Non-Convex Hybrid Total Variation	2015
5	Image Segmentation using Morphological Operations	2015
6	Speckle Noise Reduction in Ultrasound Images – A Review	2015
7	Adaptive Neuro-fuzzy Inference System for Recognition of Cotton Leaf Diseases	2014
<b>IMAGE DENOISING</b>		
8	A Decomposition Framework for Image Denoising Algorithms	2016
9	Contrast Sensitivity of the Wavelet, Dual Tree Complex Wavelet, Curvelet, and Steerable Pyramid Transforms	2016
10	FAST: Free Adaptive Super-Resolution via Transfer for Compressed Videos	2016
11	FRESH— FRI-Based Single-Image Super-Resolution Algorithm	2016
12	Improvement to Blind Image Denoising by Using Local Pixel Grouping with SVD	2016
13	Local Spectral Component Decomposition for Multi-Channel Image Denoising	2016
14	Shapes From Pixels	2016
15	Spatio-Temporal Rich Model-Based Video Steganalysis on Cross Sections of Motion Vector Planes	2016
16	A Fast Single Image Haze Removal Algorithm Using Color Attenuation Prior	2015
17	Image Denoising With Edge-Preserving and Segmentation Based on Mask NHA	2015
18	Vector Sparse Representation of Color Image Using Quaternion Matrix Analysis	2015
<b>SPEECH PROCESSING</b>		
19	Adaptive Image Denoising by Mixture Adaptation	
20	Directly Modeling Voiced And Unvoiced Components In Speech Waveforms By Neural Networks	
21	Speech Recognition: An Approach to Modernization (2015)	
22	The Matching-Minimization Algorithm, The Inca Algorithm And A Mathematical Framework For Voice Conversion With Unaligned Corpora.	
<b>WIRELESS SENSOR NETWORK</b>		
23	A Novel Clustering Algorithm For Coverage A Large Scale In Wireless Sensor Networks	2016
24	A Novel Approach to Enhance TCP Throughput in Wireless Sensor Networks	2016
25	A Study On Leach Protocols and Its Variants in Wireless Sensor Networks	2016
26	Call for Papers for Ad-hoc and Sensor Networks Symposium	2016
27	Compressive Data Gathering for Large-Scale Wireless Sensor Networks	
28	Context Aware Wireless Sensor Network Suitable for Precision Agriculture	
29	Efficient Encryption Protocol for Wireless Sensor Networks Using One-Time Pads	2016
30	On Connected Target k-Coverage in Heterogeneous Wireless Sensor Networks	2016
31	Optimization of Mobile Agent using Genetic Algorithm in Wireless Sensor Network	2016
32	Power Efficient Scheduled-Based Medium Access Control Protocol over Wireless Sensor Networks	2016
<b>IEEE 2016 NS2 PROJECT LIST</b>		
<b>WSN</b>		
1	Energy-Efficient Adaptive Forwarding Scheme For MANETs	
2	Optimized GAF Protocol Based Sleep/Awake Protocol For WSN to Improve Network Lifetime.	
3	Performance Assessment of Reactive Routing Protocols in Mobile Ad-Hoc Networks Under CBR Traffic Using NS2	
4	Detecting and Avoiding of Collaborative Black Hole Attack on MANET Using Trusted AODV Routing Algorithm	
5	Solving Traffic Congestion? An Application of VANET	
6	Attacks Against AODV Routing Protocol in Mobile Ad-Hoc Networks	
7	Adaptive Energy Efficient MAC Protocol for Increasing Life of Sensor Nodes in Wireless Body Area Network	
8	Movement Based or Neighbor Based Technique for Preventing Wormhole Attack in MANET	
9	Secured and Energy Efficient Architecture for Sensor Networks	
10	Modeling Optimal Dynamic Scheduling for Energy-Aware Workload Distribution in Wireless Sensor Networks	
11	A Connectivity-Aware Approximation Algorithm for Relay Node Placement in Wireless Sensor Networks	

12	A Load Balancing Multi-Relay Selection Scheme of Debris Flow Monitoring	
13	Simulation an Art of Performance Evaluation in Wireless Sensor Networks	
14	Efficient Energy Management in Mobile MIMO Cooperative Sensor Networks (M-MCSN)	
15	A Multi-Channel Cooperative MIMO Routing Protocol For Clustered WSNs	
16	Mitigating Denial of Service Attacks in OLSR Protocol Using Fictitious Nodes	
17	Detecting Node Failures in Mobile Wireless Networks: A Probabilistic Approach	
18	Detecting Colluding Black Hole and Grey Hole Attacks in Delay Tolerant Network	
19	Cluster-Based Routing for the Mobile Sink in Wireless Sensor Networks With Obstacle	
20	DaGCM A Concurrent Data Uploading Framework for Mobile Data Gathering in Wireless Sensor Networks	
21	Active Trust Secure and Trustable Routing in Wireless Sensor Networks	
22	CANS Towards Congestion-Adaptive and Small Stretch Emergency Navigation with WSNs	
23	Reliable and Efficient Data Acquisition in WSN in the Presence of Trans faulty Nodes	
24	Dynamic Cluster Head Selection Method for Wireless Sensor Network	
25	Location Aware Sensor Routing Protocol For Mobile Wireless Sensor Networks	
26	A Novel Approach for Efficient Usage of Intrusion Detection System in Mobile Ad Hoc Networks	
27	Energy Efficiency Optimization for Mobile Ad Hoc Networks	
28	Bandwidth-Aware High-Throughput Routing with Successive Interference Cancellation in Multihop Wireless Networks	
29	Mobile Sink-Based Adaptive Immune Energy- Efficient Clustering Protocol for Improving the Lifetime and Stability Period of Wireless Sensor Networks	
30	Energy, Link Stability and Queue aware OLSR for Mobile Ad Hoc Network	
31	Evaluating Performance of OLSR Routing Protocol for Multimedia Traffic in MANET using NS2	
32	An Efficient Cluster-Tree Based Data Collection Scheme for Large Mobile Wireless Sensor Networks	
33	Extending Wireless Sensor Network Lifetime With Global Energy Balance	
34	A Greedy Algorithm in WSNs for Maximum Network Lifetime and Communication Reliability	
35	A Distributed Approach to Construct Hierarchical Structure for Routing with Balanced Energy Consumption in WSNs	
36	Efficient Coverage and Connectivity Preservation With Load Balance for Wireless Sensor Networks	
37	Effect Analysis of Black Hole Attack of AODV Protocol in MANET using Table Driven Approach	
38	A Congestion Control Algorithm for Mobility Model in Mobile Ad-hoc Networks	
39	Investigating the Impact of Black Hole Attack on AODV Routing Protocol in MANETS under Responsive and Non-Responsive Traffic	
40	Detection of Black Hole Attack using Control Packets in AODV Protocol for MANET	
41	A New Enhanced Energy Efficient Position based Routing Protocol for Mobile Adhoc Network	
42	Enhance the Efficiency Routing between Mobile Nodes in MANET Networks	
43	Improving the Life of the Wireless Sensor Network using Energy Harvesting Clustering.	
	<b>IoT</b>	
44	An Efficient Tree-Based Self-Organizing Protocol for Internet of Things	
45	Energy Aware Communication Between Smart IoT Monitoring Devices	
46	Performance Study of Co-Located IEEE 802.15.4-TSCH Networks: Interference and Coexistence	
47	No-Cost Distance Estimation Using Standard WSN Radios	
48	Energy-Efficient Content-Based Routing in Internet of Things	
49	An Extensive Review: Internet of Things is Speeding up the Necessity for 5G	
50	Tree Based Energy Efficient Routing Scheme for Body Area Network	
51	Routing Protocols Analysis for Internet of Things	
	<b>FANETS and DRONES</b>	
52	Flying Ad-Hoc Networks: Technological and Social Implications	
53	On the Routing in Flying Ad Hoc Networks	
54	Location Information Sharing With Multi Token Circulation in Flying Ad Hoc Networks	
55	Dynamic Routing for Flying Ad Hoc Networks	
56	Experimental Analysis of AODV, DSDV and OLSR Routing Protocol for Flying Ad Hoc Networks (FANETs)	
	<b>VANETS</b>	
57	An Adaptive Multipath Geographic Routing for Video Transmission in Urban VANETs	
58	Efficient and Secure Authentication Scheme with Conditional Privacy-Preserving for VANETs	
59	An Enhanced Directional Greedy Forwarding for VANETs Using Link Quality Estimation	
60	Congestion Control in VANETs Using Re-routing Algorithm	
61	Dynamic Topology Characteristics of VANETs in Fading Channels	
<b>BE, Diploma ECE,EEE, Bio Medical, Instrumentation, Telecommunication Project Titles</b>		
1	16_1_ IEEE_ Energy Efficient Location and Activity-aware On-Demand Mobile Distributed Sensing Platform	

2	16_2_424_ IEEE_Mine Safety System Using WSN	
3	16_3_ IEEE_Robotic Automated External Defibrillator Ambulance for Emergency Medical Service in Smart Cities	
4	16_4_Android_Rapid Entire Body Postural Analysis Assessment Device for Computer Operators	
5	16_5_472_ IEEE_Design and Implementation of ATM Alarm Data Analysis System	
6	16_6_Wireless Speed Control of Single Phase Ac Motor	
7	16_7_Touch screen based on Nurse attendant calling system for physically impaired	
8	16_8_Alternate Energy from Busy Road for Development of Smart City	
9	16_9_Effective Implementation of IoT for Enhancing Cargo Cantaine Security	
10	16_10_ IEEE_Automation System of Vehicle Requisition in Public Sector	
11	16_11_Evaluation of Respiratory & Non-Respiratory Movements of Infants with Care taker voice using FN-M16P module	
12	16_12_Intelligent Anti-Theft Tracking and Accident Detection System for Automobiles Based on IOT	
13	16_13_333_Raspberry pi Based Remote Virtual Lab Access and capturing physical image of laboratory	
14	16_14_ IEEE_Residence Energy Control System Based on Wireless Smart Socket and IoT-min	
15	16_15_Securing a Smart Home Network using Voice Biometric	
16	16_16_IOT, GPRS & Raspberry PI Based Global Industrial Process Monitoring Through Wireless Communication	
17	16_17_ IEEE_Extraction of Stride Events from Gait Accelerometer During Treadmill Walking-min	
18	16_18_Raspberry Pi Based Deadly School Van Monitoring System with E-mail Alert	
19	16_19_446_A Smart-Home System to Unobtrusively and Continuously Assess Loneliness in Older Adults-min	
20	16_20_ IEEE_Signal Quality and Compactness of a Dual Accelerometer System for Gyro Free Human Motion Analysis-min	
21	16_21_Wireless Bomb Defusing Robot with camera interfacing	
22	16_22_Robotic Remote Surveillance and Control through Speech Recognition	
23	16_23_Design of Nano Robotics for Defense	
24	16_24_Antismuggling System for Trees in Forest using Flex Sensor	
25	16_25_Multi Function Defense Robot	
26	16_26_Raspberry PI - Smart Home Automation System through E-mail and Sensors	
27	16_27_431_Underground Cable Fault Detection and Alert with Voice Commands using FN-M16P.	
28	16_28_459_IOT - Garbage and Street Light Monitoring System Using Internet of Things	
29	16_29_Pollution Monitoring & Intelligent Information Exchange System for Traffic Congestion	
30	16_30_Portable Road Side Sensor Base Real Time Vehicular System	
31	16_31_Remote Monitoring and Control of Boiler Feed Water in Power Generation Unit	
32	16_32_An Automatic Embedded Toll Plaza with Document Verification and Speed Detection System	
33	16_33_Advanced Passenger Security System for Radio Cabs with Video Transmission and Enhanced System Security with Biometric Module	
34	16_34_256_Embedded System based Voting Machine System using Wireless Technology	
35	16_35_Design and Implementation of Kitchen Monitoring System	
36	16_36_ IEEE_A Custom Internet of Things Healthcare System-min	
37	16_37_439_Fault Analysis and Electrical Protection of Distribution Transformer with FN-M16P MP3 Unit	
38	16_38_ IEEE_Teach Me - Show Me - End-User Personalization of a Smart Home and Companion Robot-min	
39	16_39_ IEEE_Audio Vision Substitution for Blind Individuals-min	
40	16_40_Raspberry Pi based Gesture based Email Access and Voice Command for Blind and Dumb	
41	16_41_IOT based Novel Low-Cost Sensor for Human Bite Force Measurement	
	<b>IoT - Wireless Sensor Network (Networking) (Web Services)</b>	
42	16_2_424_ IEEE_Mine Safety System Using WSN	
43	16_9_Effective Implementation of IoT for Enhancing Cargo Cantaine Security	
44	16_12_Intelligent Anti-Theft Tracking and Accident Detection System for Automobiles Based on IOT	
45	16_14_ IEEE_Residence Energy Control System Based on Wireless Smart Socket and IoT-min	
46	16_16_IOT, GPRS & Raspberry PI Based Global Industrial Process Monitoring Through Wireless Communication	
47	16_28_459_IOT - Garbage and Street Light Monitoring System Using Internet of Things	
48	16_36_ IEEE_A Custom Internet of Things Healthcare System-min	
49	16_41_IOT based Novel Low-Cost Sensor for Human Bite Force Measurement	
50	15_3_446_The Elderly Independent Living in Smart Homes: A Characterization of Activities and Sensing Infrastructure Survey to Facilitate Services Development	
51	15_29_ IEEE_An Approach for Monitoring and Smart Planning of Urban Solid Waste Management	
52	15_5_WSN AND IoT Based Smart Homes And Their Extension To Smart Buildings	
53	15_25_ IEEE_A Wireless Sensor Network Monitoring System for Highway Bridges	
54	15_26_ IEEE_Prototype Development of Monitoring System in Patient Infusion with Wireless Sensor Network	
	<b>Robotics</b>	
55	16_3_ IEEE_Robotic Automated External Defibrillator Ambulance for Emergency Medical Service in Smart Cities	

56	16_21_Wireless Bomb Defusing Robot with camera interfacing	
57	16_22_Robotic Remote Surveillance and Control through Speech Recognition	
58	16_23_Design of Nano Robotics for Defense	
59	16_25_Multi Function Defense Robot	
60	16_38_IEEE_Teach Me - Show Me - End-User Personalization of a Smart Home and Companion Robot-min	
61	15_1_287_Hand Gesture Recognition Based Robot Using Accelerometer Sensor	
62	421_Robotic Missile Detection and Automatic Destroy System using Laser Technology with Server based Control Unit	
63	443_Robust Railway Crack Detection Scheme (RRCDS) Using LED-LDR Assembly	
64	14_39_Missile Detection and Automatic Destroy System	
65	15_2_343_A Review on Design of Automated Floor Cleaning System	
66	15_7_Controller Area Network Based Cruise Control In Traffic Situations	
67	14_38_46_Designing and Modeling of Voice Controlled Wheel Chair Incorporated with Home Automation	
68	14_189_Robotic automated food service provider is hotel with android based individual menu system	
69	87_Bluetooth embedded robotic agriculture plowing, seeding and grass cutting powered by solar energy	
70	15_12_An Enhanced Crack Detection System For Railway Track	
71	15_12_Railway Track Crack Detection Autonomous Vehicle	
72	15_19_ER-LOCK: Next Generation Auto Theft Prevention System Using Smart Gravitational Lock Vehicle Tracking With GPS Fencing And Remote Fuel Cut-Off	
73	15_22_RFID Based Vehicle Emissions in Cities on Internet	
74	313_PAM Based Robot Motion & Speed Control With Pick & Place Operation	
75	311_MEMS (Accelerometer) Based Robot Motion Control With Fire, Gas Detection & Control System With Voice Alert	
76	46_Speech based wheel chair control for physically challenged person using Android Bluetooth technology	
77	349_Smart Vehicle System Using Arm7 With Number Plate Detection	
78	39_A_Automatic Fire Sensing Robot And SMS Alert	
79	39_Fire Sensing Robot	
80	43_Remote Firing Robot	
81	46_Speech based wheel chair control for physically challenged person using Android Bluetooth technology	
82	343_Cleaning Robot	
83	249_Automatic and intelligent car motion	
84	313_Pam based robot motion & speed control with pick & place operation	
85	287_Accelerometer & ARM based Robot motion & speed control with obstacle detection	
86	291_Bomb detection robot	
87	52_A_RF Based Pick And Place Robot	
88	51_Metal Detecting Robot	
89	52_Pick And Place Robot	
90	287_Accelerometer Based Robot Control Using Arm7 with Obstacle Detection.	
91	214_Robotic Aid For Surveillance Of Human Beings Using Zigbee.	
92	105_Touch Screen And Arm Based Robot Motion Control	
93	114_Flex Sensor Using Robot Control.	
94	115_Touch Screen Based Robot Using Speech.	
95	291_Bomb Detection Robot.	
96	223_Automated Book Picking Robot For Libraries By Using RFID	
97	231_Flex Sensor And Accelerometer Based Robot Motion Control With Fingered Arm	
98	242_Sms Based Vehicle Robot	
99	244_Pick & Place Robot With Fire Sensing	
100	159_Free Moving Robot With Front & Back IR Obstacle Detector	
101	145_Cell Phone Controlled Robot	
102	147_Pc Controlled Robot	
103	157_RF Based Robot Control With Temperature Alert	
104	158_IR Based Obstacle Detection Robot	
105	164_Radio Controlled Combat Robot	
106	62_Fire Sensing Robot With RF And Alarm	
107	147_PC Controlled Robot	
108	106_Planet Rover	
109	110_Embedded LAND ROVER with Sensor Interface with ZigBee Technology	
110	164_Radio Controlled Combat Robot	
111	14_189_Robotic automated food service provider is hotel with android based individual menu system	
	<b>Biomedical &amp; Medical Applications</b>	
112	16_4_Android_Rapid Entire Body Postural Analysis Assessment Device for Computer Operators	

113	16_7_Touch screen based on Nurse Attendant calling system for physically impaired	
114	16_11_Evaluation of Respiratory & Non-Respiratory Movements of Infants with Care taker voice using FN-M16P module	
115	16_20_ IEEE_Signal Quality and Compactness of a Dual Accelerometer System for Gyro Free Human Motion Analysis-min	
116	16_36_ IEEE_A Custom Internet of Things Healthcare System-min	
117	16_41_IOT based Novel Low-Cost Sensor for Human Bite Force Measurement	
118	403_Android based Monitoring Human Knee Joint Movement Using Wearable Computing	
119	15_3_446_The Elderly Independent Living in Smart Homes: A Characterization of Activities and Sensing Infrastructure Survey to Facilitate Services Development	
120	326_Speech based control & alert system for senior citizens using android mobile	
121	15_4_A Zigbee-Based Animal Health Monitoring System	
122	15_23_Automated Health Alerts Using In-Home Sensor Data for Embedded Assessment	
123	15_26_ IEEE_Prototype Development of Monitoring System in Patient Infusion with Wireless Sensor Network	
124	266_Operation Theatre Automation & Control (OTAC)	
125	270_NICU Monitoring With PC	
126	14_22_369_Secure Medical Tags For Reducing Medical Errors & Drug Interaction With EHR System	
127	367_Child Activity Recognition Using Accelerometer And RFID Reader	
128	369_NFC-Enabled Smartphone Application for Drug Interaction and Drug Allergy Detection	
129	14_26_Microcontroller Based Heart Beat Monitoring and Alerting System	
130	14_35_Monitoring Human Knee Joint Movement using Wearable Computing	
131	14_34_Any Time Medicine	
132	14_A Low-Cost Wireless Healthcare Monitoring System	
133	14_An Adaptable and Extensible Mobile Sensing Framework for Patient Monitoring	
134	14_ IEEE_Design and Implementation of Heart Rate Measurement Device Using Wireless System	
135	352_Speech Recognition Based Wireless Automation of Home Loads with Fault Identification for Physically Challenged	
136	<b>Agriculture &amp; Irrigation</b>	
137	14_405_Intelligent Food Management System-Maintenance of Agro and Non-Agro Foods in Cold Storage Warehouse	
138	87_Bluetooth embedded robotic agriculture plowing, seeding and grass cutting powered by solar energy	
139	14_ IEEE_Crop Leaf Area Index Observations with a Wireless Sensor Network and Its Potential for Validating Remote Sensing Products	
140	15_11_GREENCHARGE: MANAGING RENEWABLE ENERGY IN SMART BUILDINGS	
141	15_13_87_SEED SOWING USING ROBOTICS TECHNOLOGY	
142	15_20_Flood Prediction and Prevention through Wireless Sensor Networking (WSN): A Survey	
143	15_30_Embedded_Fuzzy_ZigBee-Based Irrigation System for Home Gardens	
144	321_Solar powered Irrigation with auto control of pump & SMS alert	
	<b>Vehicle Automation, Traffic, Automotive Application</b>	
145	16_10_ IEEE_Automation System of Vehicle Requisition in Public Sector	
146	16_12_Intelligent Anti-Theft Tracking and Accident Detection System for Automobiles Based on IOT	
147	16_29_Pollution Monitoring & Intelligent Information Exchange System for Traffic Congestion	
148	16_30_Portable Road Side Sensor Base Real Time Vehicular System	
149	16_42_An Improved Traffic Signs Recognition	
150	15_7_Controller Area Network Based Cruise Control In Traffic Situations	
151	15_14_An Automated System For Accident Detection	
152	21_Android based Sign Board Detection with Image & Voice Alert System	
153	15_19_ER-LOCK: Next Generation Auto Theft Prevention System Using Smart Gravitational Lock Vehicle Tracking With GPS Fencing And Remote Fuel Cut-Off	
154	15_22_RFID Based Vehicle Emissions in Cities on Internet	
155	422_Application of RFID Technology and the Maximum Spanning Tree Algorithm for Solving Vehicle Emissions in Cities on Internet of Things	
156	14_20_201_Integrated and Automated Vehicle Bay Arrangement System to Avoid Congestion in a Public Parking Area	
157	14_An Approach towards Traffic Management System using Density Calculation and Emergency Vehicle Alert	
158	14_Automatic Traffic Congestion Detection and Alert System	
159	14_Bus Position Monitoring System To Facilitate The Passengers	
160	383_Embedded Bluetooth Access for cars using the Face recognition, Cell phone and GSM	
161	14_Design and Implementation of Vehicle Tracking System Using GPS/GSM/GPRS Technology and Smartphones Application	
162	14_Embedded Based Vehicle Speed Control System using Wireless Technology	
163	14_Emergency Traffic Management for Ambulance using Wireless Communication	
164	14_ IEEE_Design and Implementation of Vehicle Tracking System Using GPS GSM Technology	
165	14_Road Accident Prevention Unit (R.A.P.U)	
166	14_RADAR Based Vehicle Collision Avoidance System used in Four Wheeler Automobile Segments	

167	14_Intelligent Accident Detection and Ambulance Rescue System	
	<b>Security System, Biometrics</b>	
168	16_2_424_ IEEE_Mine Safety System Using WSN	
169	16_9_Effective Implementation of IoT for Enhancing Cargo Cantaine Security	
170	16_15_Securing a Smart Home Network using Voice Biometric	
171	16_18_Raspberry Pi Based Deadly School Van Monitoring System with E-mail Alert	
172	16_33_Advanced Passenger Security System for Radio Cabs with Video Transmission and Enhanced System Security with Biometric Module	
173	15_5_WSN And IoT-Based Smart Homes And Their Extension To Smart Buildings	
174	15_18_Women Anti-Rape Belt	
175	15_19_ER-LOCK: Next Generation Auto Theft Prevention System Using Smart Gravitational Lock Vehicle Tracking With GPS Fencing And Remote Fuel Cut-Off	
176	15_20_Flood Prediction and Prevention through Wireless Sensor Networking (WSN): A Survey	
177	14_28_407_Fire Avoidance and Electric Circuit Breaker System in Train along with Alerting Approaching Station	
178	14_18_Wirless Communication, Monitoring and Security System Embedded Safety Helmet for Real Time Applications	
179	1_Invisible Eye – An advanced Security System Using Web Camera	
180	14_36_A Very Simple User Access Control Technique through Smart Device Authentication using Bluetooth Communication	
181	14_398_Intelligent Radio Frequency Identification Technology in Academic Management System	
182	14_330_Innovative Graphical Passwords using Sequencing for industrial security system	
183	14_ATM Transaction Security System Using Biometric Palm Print Recognition	
184	14_Automated Air Baggage Security Enhancements with Biometric Recognition using Programmable Logic Controller	
185	14_417_Fingerprint Based Licensing System for Driving with Face Recognition system	
186	245_Security Using Fingerprint And GSM Authentication	
187	252_Fingerprint Scanner Based Globalised Voting System	
188	251_Finger Print Based Authentication, Access Control, Time, Attendance Management	
189	246_A_Finger Print Authentication For Online Exam	
	<b>CAN Protocol</b>	
190	320_CAN based data acquisition with voice operated bus stop indication using GPS with traffic reducing technique	
191	63_Remote Monitoring Of Car Engine Using CAN And ZIGBEE Protocols An Application Of Wireless Data Acquisition	
192	15_6_Design & Implementation Of Smart City Using Controlled Area Network Protocol For Controlling Purpose	
193	15_7_Controller Area Network Based Cruise Control In Traffic Situations	
194	15_8_Control Area Network Limitations In Eco Car	
195	14_9_Vehicle Control Using CAN Protocol For Implementing the Intelligent Braking System	
196	14_31_ IEEE_Intra-Vehicle Networks A Review	
197	14_32_ARM 7 Based Controller Area Network for Accident Avoidance in Automobiles	
198	14_Design and development Of PIC microcontroller based vehicle monitoring system using Controller Area Network (CAN) protocol	
199	38_Car Automation Using CAN Network	
200	93_CAN Based Remote Car Automation	
	<b>Real Time Application Projects</b>	
201	429_Substation Phase Controller for automatic load shedding with overload alert	
202	430_Design Of An Embedded Sensor Network For Application In Energy Monitoring Of A Sports Stadium	
203	432_Web based Electronic Load to Test DC Power Supply to Generate Quality Test Report in Production Department	
204	423_Airport Baggage Conveyor and Voice notification using Android Technology	
205	424_Wirless Communication, Monitoring and Security System Embedded Safety Helmet for Real Time Applications	
206	425_Vehicle Control Using CAN Protocol For Implementing the Intelligent Braking System	
207	426_RFID based Hostel Security System with Intruder Detection	
208	437_Automatic Baby e-Cradle For Infant Care	
209	438_Smart Girls Security System	
210	439_Fault Analysis and Electrical Protection of Distribution Transformers	
211	444_Any Time Medicine	
212	445_GSM Based Power sharing of Transformer with Automatic load shedding system	
213	446_Daily Life Tracking Application for Smart Homes using Android Smartphone	
214	14_11_165_Intelligent Remotely Device Controlled System for Industrial Electrical Appliances through Zigbee Wireless Networks	
215	14_12_Design of Wireless Framework for Energy Efficient Street Light Automation	
216	14_29_To analyze hand gesture recognition for wirelessly electronic device control	
217	14_ IEEE_208_Automatic User State Recognition for Hand Gesture Based Low-Cost Television Control System	



218	372_Advanced Sophisticated Techniques In Vehicles For Prevention Of Accidents	
219	373_Energy Efficient Led Lighting System For Commercial Purpose	
220	375_Remote-Control System of High Efficiency and Intelligent Street Lighting Using a ZigBee Network of Devices and Sensors	
221	382_Online Monitoring of Geological CO2 Storage and leakage based on wireless sensor networks	
222	386_An Optimal Driving System By Using Wireless Helmet And Android	
223	387_Safety helmet for a pilot	
224	389_Use of Ultrasonic Signal Coding and PIR Sensors to Enhance the Sensing Reliability of an Embedded Surveillance System	
225	390_Embedded System Based Eye Movement Communicating Media for Paralyzed Person	
226	391_Passenger BUS Alert System for Easy Navigation of Blind	
227	393_Smart Host Microcontroller for Optimal Battery Charging in a Solar-Powered Robotic Vehicle	
228	396_Low Power Wireless Sensor Network for Building Monitoring	
229	397_Design And Development Of Fall Detector Using Fall Acceleration	
230	400_Environment monitoring and device control using ARM based Embedded Controlled Sensor Network	
231	15_3_446_The Elderly Independent Living in Smart Homes: A Characterization of Activities and Sensing Infrastructure Survey to Facilitate Services Development	
232	14_8_411_Design and Implementation of Client-Server based Remote Machine Control System using Web Services for Industrial Applications	
233	14_21_A Reconfigurable Smart Sensor Interface for Industrial WSN in IoT Environment using web server	
234	15_20_Flood Prediction and Prevention through Wireless Sensor Networking (WSN): A Survey	
235	15_25_IEEE_A Wireless Sensor Network Monitoring System for Highway Bridges	
236	15_29_IEEE_An Approach for Monitoring and Smart Planning of Urban Solid Waste Management	
237	15_30_Embedded_Fuzzy_ZigBee-Based Irrigation System for Home Gardens	
238	14_189_Robotic automated food service provider is hotel with android based individual menu system	
239	14_Smart Host Microcontroller for Optimal Battery Charging in a Solar Powered Robotic Vehicle & Cell Phone Charging	
240	46_Speech based wheel chair control for physically challenged person using Android Bluetooth technology	
241	287_Accelerometer & ARM based Robot motion & speed control with obstacle detection	
242	326_Speech based control & alert system for senior citizens using android mobile	
243	266_Operation Theatre Automation & Control (OTAC)	
244	270_NICU Monitoring With PC	
245	352_Speech Recognition Based Wireless Automation of Home Loads with Fault Identification for Physically Challenged	
246	21_Android based Sign Board Detection with Image & Voice Alert System	
247	383_Embedded Bluetooth Access for cars using the Face recognition, Cell phone and GSM	
248	1_Invisible Eye – An advanced Security System Using Web Camera	
249	14_330_Innovative Graphical Passwords using Sequencing for industrial security system	
250	14_Automated Air Baggage Security Enhancements with Biometric Recognition using Programmable Logic Controller	
251	207_Demand Side Load Management of Smart Grids Using Intelligent Trading Metering Billing	
252	257_Design and Implementation of a Power Converter for Electric Bike with Charging Feature	
253	14_9_Vehicle Control Using CAN Protocol For Implementing the Intelligent Braking System	
254	422_Application of RFID Technology and the Maximum Spanning Tree Algorithm for Solving Vehicle Emissions in Cities on Internet of Things	
255	424_Wireless Communication, Monitoring and Security System Embedded Safety Helmet for Real Time Applications	
	<b>Power Management</b>	
256	14_30_IEEE_Smart Home Energy Management System Including Renewable Energy Based on ZigBee and Web services	
257	429_Substation Phase Controller for automatic load shedding with overload alert	
258	15_16_Microcontroller Based Three Phase Fault Analysis For Temporary And Permanent Fault	
259	439_Fault Analysis and Electrical Protection of Distribution Transformers	
260	445_GSM Based Power sharing of Transformer with Automatic load shedding system	
	<b>Embedded With MATLAB</b>	
261	15_30_Embedded_Fuzzy_ZigBee-Based Irrigation System for Home Gardens	
	<b>Technical Analysis Based Projects</b>	
262	16_1_IEEE_Energy Efficient Location and Activity-aware On-Demand Mobile Distributed Sensing Platform	
263	15_11_GreenCharge: Managing Renewable Energy In Smart Buildings	
264	14_22_369_Secure Medical Tags For Reducing Medical Errors & Drug Interaction With EHR System	
<b>RASPBERRY PI PROJECT TITLES</b>		
1	Wireless Sensor Network System using Raspberry Pi and Zigbee for Environmental Monitoring Applications	
2	An Internet of Things Approach for Motion Detection using Raspberry Pi	
3	Raspberry Pi Based Global Industrial Process Monitoring Through Wireless Communication	

4	Design of Tracked Robot with Remote Control for Surveillance
5	A Smart System Connecting e-Health Sensors and the Cloud
6	Web based Automatic Irrigation System using wireless sensor network and Embedded Linux board
7	WSN for traffic monitoring using Raspberry Pi board
8	Smart Home with vision based home surveillance system on Linux small computer.
9	Smart phone controlled robot over Bluetooth – raspberry Pi
10	GSM SMS controlled Robot – Raspberry Pi

## BE, Diploma MECHANICAL & MECHATRONICS & AUTOMOBILE Project Titles

<b>AUTOMOBILE BASED PROJECT TITLES</b>	
1	Fabrication Of Intelligent Reverse Braking System.
2	Fabrication Of Air Brake System Using Exhaust Gas.
3	Fabrication Of All Terrain Vehicles
4	Fabrication Of Compressed Air Vehicle.
5	Fabrication Of Real Time Advanced 5 In 1 Multi-Purpose Agricultural Vehicle - (Agri Vehicle)
6	Fabrication Of Regenerative Braking System - Electric
7	Fabrication Of Rotary Parking System
8	Fabrication Of Screw Jack
9	Fabrication Of Vehicle Safety Using Power Window Mechanism
10	Fabrication Of Automatic Rain Operated Wiper Hover Craft Module
11	Fabrication Of Quadcopter
12	Fabrication Of Flywheel Based Regenerative Braking System
13	Fabrication Of Automated Metro Train
14	Fabrication Of Unmanned Fighter For Army Operations
15	Fabrication Of Remote Controlled Wheel Chair Cum Bed For Physically Handicapped
16	Fabrication Of Automatic Material Handling Robot
17	Fabrication Of Auto Guided Vehicle
18	Fabrication Of Voice Controlled Wheel Chair
19	Fabrication Of Motorized Screw Jack
20	Fabrication Of Efficient Car Parking For Four Wheel
21	Fabrication Of Railway Gate Controller
22	Fabrication Of Motorized Hydraulic Jack
23	Fabrication Of Car Theft And Accident Preventer
24	Fabrication Of Electromagnetic Break
25	Fabrication Of Hybrid Vehicle
<b>AGRICULTURAL / IRRIGATIONAL BASED PROJECT TITLES</b>	
26	Design And Fabrication Of Sugarcane Harvester Using Saw Chain (Solar Operated)
27	Fabrication Of Advanced 5 In 1 Multi-Purpose Agricultural Robotic Vehicle (Agrirobot)
28	Fabrication Of Real Time Advanced 5 In 1 Multi-Purpose Agricultural Vehicle – Agri Vehicle
29	Fabrication Of Wheat Harvesting Machine
<b>INDUSTRIAL / PRODUCTION / AUTOMATION BASED PROJECT TITLES</b>	
30	Fabrication Of 3 In 1 Multipurpose Mechanical Machine Using Whitworth Mechanism
31	Fabrication Of Automatic PVC Pipe Cutting Machine
32	Fabrication Of Automated Conveyor For Quality Control
33	Fabrication Of Automatic 2,3 Point Drill Machine
34	Fabrication Of Bottle Filling System
35	Fabrication Of Automatic Drilling And Tapping Machine
36	Fabrication Of Automatic Object Counting Machine
37	Fabrication Of Belt Conveyor
38	Fabrication Of Conveyor Belt With Automatic Pick And Place And Digital Counter
39	Fabrication Of Cement Plastering Machine
40	Fabrication Of Milling Machine
41	Fabrication Of Rotating Fork Lift
42	Fabrication Of Scrape Collecting And Dust Cleaning Machine – Remote Controlled
43	Fabrication Of Magnetic Material Collecting Trolley By Using Electromagnetic
44	Fabrication Of Remote Operated Drill Machine (Hybrid) – Solar And Wind
45	Fabrication Of Safest Saw Mill – Life Saver For Industrial Applications (Solar Operated)
46	Fabrication Of Voice Operated Elevator With Emergency Indicator

47	Fabrication Of Automatic Conveyor Belt With Pick And Place And Digital Counter
48	Fabrication Of Multi - Purpose Or 3 In 1 Mechanical Machine (Drilling, Shaping & Hacksaw)
49	Fabrication Of Pick And Place Robot With Gripper For Industrial Applications
50	Fabrication Of Line Following Robot With Fork Lift
51	Fabrication Of Automatic 2 And 3 Point Drill Machine
52	Fabrication Of Digital Counting Machine Implementing Conveyors Using Metal Detection Sensor
53	Fabrication Of Board Cleaner Mechanism Using Rack And Pinion
54	Fabrication Of Automatic Hand Wash And Soap Solution
55	Fabrication Of Portable Vegetable Cutter And Slicer
56	Fabrication Of Rotating Fork Lift
57	Fabrication Of Line Following Robot With Fork Lift
58	Fabrication Of Glass Cleaning Mechanism
59	Fabrication Of Groundnut Thruster
60	Fabrication Of Fully Automatic Chapati Making Machine
	<b>MECHATRONICS / ROBOTICS PROJECT TITLES</b>
61	Fabrication And Development Of Robot That Approaches Pedestrians
62	Fabrication Of Automatic Firing Based On Micro Controller 1
63	Fabrication Of Automatic Page Turner
64	Fabrication Of Automatic Window Or Glass Cleaning Robot
65	Fabrication Of Whiteboard Cleaning Mechanism
66	Fabrication Of Automatic Foot Dust Cleaning Machine
67	Fabrication Of Flex Sensor Operated Robotic Arm
68	Fabrication Of Haptic Robotic Arm (Wireless)
69	Fabrication Of Intelligent Combat Robot
70	Fabrication Of Lower Limb Powered Exoskeleton For Paraplegic People Assisting In Their Walking Augmentation Using Flex Sensor And Accelerometer
71	Fabrication Of Motorized Wheel Chair
72	Fabrication Of WSN Based Advanced Irrigation Vehicle – Agrirobot
73	Fabrication Of Advanced 5 In 1 Multi-Purpose Agricultural Robotic Vehicle - Agrirobot
74	Fabrication Of Rescuer Device For Lifting Infants Struck In Pits
75	Fabrication Of Unmanned Railway Gate Controller
76	Fabrication Of Haptic Robotic Arm (Wireless) And Camera
77	Fabrication And Development Of Data Acquisition Robot For Toxic Environmental Monitoring Using WSN – Kroto Finder
78	Fabrication Of Pick And Place Using Moving Vehicle Through Remote
79	Fabrication Of Smart Windows
80	Fabrication Of Design And Development Of Pc Controlled Small Unit Unmanned Vehicle For Today's Army
81	Fabrication Of Voice Enabled Wheel Chair
82	Fabrication Of Wall Painting Robot
83	Fabrication Of Waste Separation Using Smart Dustbin
84	Fabrication And Development Of Wheelchair Cum Stretcher
	<b>BICYCLE / PEDAL OPERATED BASED PROJECT TITLES</b>
85	Fabrication Of Hybrid Multi-Purpose Peddling Machine
86	Fabrication Of Pedal Operated Real Time Hacksaw Machine
87	Fabrication Of Pedal Powered Flour Mill
88	Fabrication Of Hybrid Water Pumping System Using Pedal
89	Fabrication Of Peddling Washing Machine
90	Fabrication Of Battery Operated Pedaling Bicycle
	<b>PNEUMATICS AND HYDRAULICS BASED PROJECT TITLES</b>
91	Fabrication Of Intelligent Reverse Braking System
92	Fabrication Of Air Brake System Using Engine Exhaust Gas
93	Fabrication Of Automated Crane Pneumatics
94	Fabrication Of Pneumatic Operated Emergency Overwing Exit System In Aircrafts
95	Fabrication Of Pneumatic Jack For Car
96	Fabrication Of Hydraulic Based Mobile Crane
97	Fabrication Of Pneumatic Can Crusher Project Idea And Design
98	Fabrication Of Pneumatic Modern Tripping With 360 Degree Rotation
99	Fabrication Of Automatic Pneumatic Ramming Machine
100	Fabrication Of Automatic Punching Machine
101	Fabrication Of Pneumatic Riveting Machine

102	Fabrication Of Automatic Pneumatic Wise And Jack
103	Design And Fabrication Of High Speed Hack Saw Machine
104	Fabrication Of Automatic Pneumatic Hammer
	<b>SOLAR AND POWER GENERATION CONCEPTS BASED PROJECT TITLES</b>
105	Fabrication Of Biogas Digester
106	Fabrication Of Foot Step Power Generation Mechanism
107	Fabrication Of Gym Power Generator
108	Fabrication Of Generation Of Electricity Through Speed Breaker Mechanism Using Hydraulics
109	Fabrication Of Hybrid Power Generator (Solar And Wind)
110	Fabrication Of Efficient Hybrid Power Generator And Multi-Purpose Utilization ( With Solar Tracking System And Panel Cleaning Mechanism )
111	Fabrication Of Hybrid Power Generator ( With Solar Tracking System )
112	Fabrication Of Harnessing Wind Energy Using Train
113	Generation Of Electricity Using A Treadmill
114	Fabrication Of Universal Power Generator : Multi Seasonal
115	Generation Of Electricity Through Speed Breaker Mechanism Using Hydraulics
116	Fabrication Of Smart Design Based Hydro Power Generator
117	Fabrication Of Domestic Wind Mill
118	Wind Power Utilization For Car Annunciator
119	Fabrication Of Push Operated Spray Pump , Mechanical Fabrication Project
120	Fabrication Of Smart Windows
121	Fabrication Of Solar Based Cutting Grinding Machine
122	Fabrication Of Solar Operated Drill Machine
123	Fabrication Of Solar Operated Grass Cutter
124	Fabrication Of Solar Operated Grinding Machine
125	Fabrication Of Solar Sprayer
126	Fabrication Of Solar Tracking System With Water Pump
	<b>DESIGN AND ANALYSIS BASED PROJECT TITLES</b>
127	Design Optimization Of Combustion Chamber For Turbo Engine By Using FEA
128	Static & Modal Analysis Of Composite Bracket Assembly
129	Design Optimization Of Connecting Rod For Static Loading Conditions
130	Fatigue Analysis And Design Optimization Of A Digger Arm
131	Design Optimization Of Disk Brake By Using Finite Element Analysis
132	Design Optimization Of Hypoid Gear By Using Structural Analysis
133	Design And Buckling Strength Evaluation Of A Lifting Beam For 350 Tonnes Through FEA
134	Modeling And Analysis Of A Master Cylinder
135	Modeling And Analysis Of IC Engine Piston With Composite Material
136	Design And Analysis Of A Rail Wheel Assembly Of Rail Mounted Storage Cum Resting Fixture 60t Capacity
	<b>COMPOSITE MATERIALS BASED PROJECT TITLES</b>
137	Mechanical Behaviour Of E-Glass Jute Natural Hybrid Composite
	<b>Mechatronics Project List</b>
138	2_Line Follower Robot
139	6_Automatic Door Opening Using PIR Sensor
140	10_Vehicle Tracking Using GPS And GSM
141	11_Home Security And Automation Using GSM
142	12_Industrial Cooling System
143	12_A_Industrial Cooling System
144	13_Automatic Lightning And Cooling System
145	14_Sms Based Notice Board Using GSM
146	15_Rf Based Temperature And Humidity Monitoring System
147	19_Wireless Door Monitoring
148	21_A_Automatic Highway Signaling System Along With Speed Controlling
149	26_Automatic Railway Signaling System
150	31_Density Based Traffic Signal Control
151	39_Fire Sensing Robot
152	43_Remote Firing Robot
153	46_Speech Based Wheel Chair Control For Physically Challenged Person Using Android Bluetooth Technology
154	50_Toll Collection System Using RFID
155	51_Metal Detecting Robot

156	52_Pick And Place Robot
157	52_A_Rf Based Pick And Place Robot
158	53_Smart Parking System
159	54_Sms Based Irrigation System
160	54_A_Solar Powered Water Pump With SMS Alert For Irrigation System
161	62_Fire Sensing Robot With RF And Alarm
162	84_Street Light Power Saver
163	87_Seeding Agriculture Robot
164	99_Vehicle Control Under Driver Fatigue
165	100_Automatic Drunk n Drive Avoiding System
166	101_Ir Based Touch And Go Near Tollgate
167	110_Embedded Land Rover With Sensor Interface With Zigbee Technology
168	117_Intelligent Ambulance For City Traffic
169	118_A_Industrial Automation For Mobile Device Using Bluetooth Technology
170	122_Hitech Jail
171	126_Automatic Railway Gate Control Using Stepper Motor
172	126_A_Automatic Railway Gate Controller Depends On Train Speed
173	141_Automated Car Parking Using Ultrasonic Sensor
174	147_Pc Controlled Robot
175	149_Automated Parking Gate Control Using IR
176	155_Ultrasonic Based Defence Security System
177	157_Rf Based Robot Control With Temperature Alert
178	157_Rf Controlled Vehicle For Disabled People With Obstacle & Fire Detection
179	158_Ir Based Obstacle Detection Robot
180	159_Free Moving Robot With Front & Back IR Obstacle Detector173_Industrial Batch Counter For Packing Automation
181	184_Automatic Speed Breaking Systems For Vehicles
182	185_Head Movement Based Wireless Communication With Speech Alert For Paralyzed Person
183	198_Fuel Indication & Petrol Bunk Detector
184	243_Gsm Based Airport Automation
185	244_Pick & Place Robot With Fire Sensing
186	275_Zigbee_Based_Induction_Motor_Speed_Control
187	276_Gsm Based Industrial Disaster Intimation Control System (GIDICS)
188	291_Bomb Detection Robot
189	319_Renewable Energy - 12v Dc Power Generation Using Back EMF & Solar For Led Load
190	329_Coin Based Mobile Charger, Water Filling And Weight Measurement System
191	346_Automatic Dim & Dipper For Automobiles
192	377_Automatic Steering Controlled Fog Lamps
193	387_Safety Helmet For A Pilot
194	401_Heavy Vehicle Alert & Intimation System For Traffic Police Using Load Sensor Using GSM
195	437_Automatic Baby E-Cradle For Infant Care
196	443_Robust Railway Crack Detection Scheme (RRCDS) Using Led-LDR Assembly
197	453_Automated Waste Segregator

## B.E, M.E Power Electronics Simulation Project Titles

1	Digital Sensor less Current Mode Control Based on Charge Balance Principle and Dual Current Error Compensation for DC–DC Converters in DCM (2016)
2	Direct Model Predictive Current Control Strategy of Quasi-Z-Source Inverters (2016)
3	Energy–Efficient Autonomous Solar Water–Pumping System for Permanent Magnet Synchronous Motors (2016)
4	Five-Level Reduced-Switch-Count Boost PFC Rectifier with Multicarrier PWM (2016)
5	Flexible Mode Bridgeless Boost PFC Rectifier with High Efficiency over a Wide Range of Input Voltage (2016)
6	Power Quality Improvement Using Photovoltaic fed DSTATCOM Based on JAYA Optimization (2016)
7	Predictive Torque Control of Induction Motor Sensor less Drive Fed by a 3L-NPC Inverter (2016)
8	Synchronous Power Controller with Flexible Droop Characteristics for Renewable Power Generation Systems (2016)
9	Control and Implementation of a Standalone Solar Photo-Voltaic Hybrid System (2015)
10	A Medium-Frequency Transformer-Based Wind Energy Conversion System Used for Current-Source Converter-Based Offshore Wind Farm (2015)
11	Analysis, Design and Implementation of a Quasi- Proportional-Resonant Controller for Multifunctional Capacitive-Coupling Grid-Connected Inverter (2015)

12	Average-Value Model of Modular Multilevel Converters Considering Capacitor Voltage Ripple	(2015)
13	Interleaved SEPIC Power Factor Pre-Regulator Using Coupled Inductors in Discontinuous Conduction Mode with Wide Output Voltage	(2015)
14	Self-correction of Commutation Point for High-speed Sensor less BLDC Motor with Low Inductance and Non ideal Back EMF	(2015)
15	Universal AC Input High Density Power Adapter Design with a Clamped Series Resonant Converter	(2015)
16	A Power Quality Improved Bridgeless Converter Based Computer Power Supply	(2014)
17	A Current Control Scheme with Back-EMF Cancellation and Tracking Error Adapted Commutation Shift for Switched-Reluctance Motor Drive	
18	Efficient Control of Energy Storage for Increasing the PV Hosting Capacity of LV Grids	

## B.E, M.E VLSI 2016-2017 Project Titles List

1	A Simple and Reliable System to Detect and Correct Setup/Hold Time Violations in Digital Circuits
2	Carry Speculative Adder with Variable Latency for Low Power VLSI
3	Design and Implementation of Area-Efficient and Low-Power Configurable Booth-Multiplier
4	Design of low power based VLSI architecture for constant multiplier and high speed implementation using retiming technique
5	Digital LDO with Time-Interleaved Comparators for Fast Response and Low Ripple
6	Energy-Efficient VLSI Realization of Binary64 Division With Redundant Number Systems
7	Interlaced Partition Multiplier
8	Iterative Architecture AES for Secure VLSI based System Design
9	Low Cost VLSI Architecture for Sample Adaptive Offset Encoder in HEVC
10	Low-Cost High-Performance VLSI Architecture for Montgomery Modular Multiplication
11	Network-on-Chip for Turbo Decoders
12	Seamlessly Pipelined Shift-and-Add Circuits Based on Precise Delay Analysis and Its Applications
13	VLSI Design of High Speed Vedic Multiplier for FPGA Implementation
	<b>IEEE 2015 Project Titles</b>
14	A Fast and Accurate Network-on-chip Timing Simulator with a Flit Propagation Model
15	A Packet-switched Interconnect for Many-core Systems with BE and RT Service
16	Design And Analysis Of 10 Port Router For Network On Chip (NoC)
17	Design and Implementation of 16 x 16 Multiplier Using Vedic Mathematics
18	FPGA based Design of Low Power Reconfigurable Router for Network on Chip (NoC)
19	Low Power Multiplier Architectures Using Vedic Mathematics in 45nm Technology for High Speed Computing
20	Reliable Router Architecture with Elastic Buffer for NoC Architecture
21	An Area- and Energy-Efficient FIFO Design Using Error-Reduced Data Compression and Near-Threshold Operation for Image/Video Applications
22	Argo: A Real-Time Network-On-Chip Architecture With an Efficient GALS Implementation
23	Design and Implementation 16 BIT Reversible Logic ALU with 15 – Operations
24	MIHST: A Hardware Technique for Embedded Microprocessor Functional On-Line Self-Test
25	Design and Implementation of an On-Chip Permutation Network for Multiprocessor System-On-Chip
26	Compact Hardware Architecture for Hummingbird Cryptographic Algorithm
27	FPGA-based High-Throughput and Area-Efficient Architectures of the Hummingbird Cryptography
28	Hummingbird Key Establishment Protocol For Low-Power ZigBee
29	Remedying the Hummingbird Cryptographic Algorithm
30	Low Power Implementation of Hummingbird Cryptographic Algorithm for RFID tag

## POPULAR COURSES:



**POPULAR COURSES-**

- ADV EXCEL
- VBA ADVANCED
- HADOOP DEVELOPER
- JAVA/J2EE
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- IOS
- EMBEDDED SYSTEM TRAINING
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