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Bridging Technology.

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

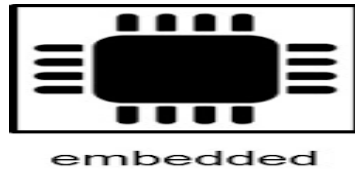
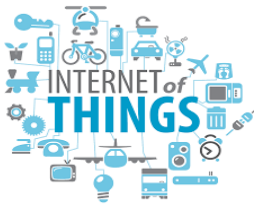
IEEE
REAL TIME PROJECTS & TRAINING GUIDE
SOFTWARE & EMBEDDED

FINAL YEAR PROJECTS

IEEE & Application Projects

BE, Diploma, BSc
M Tech, MCA, BCA

CS | Mechanical
E & C | Electrical



www.makefinalyearproject.com

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PROJECTS TITLES FOR ACADEMIC YEAR 2018-2019

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S.No	PROJECT TITLES (2018-2019)	Year
M.E CS, IS, ECE, COMMUNICATION & SE PROJECT TITLES		
IEEE 2018-19 DATA MINING / WEB MINING / MACHINE LEARNING		
1	A Hybrid Graph-Structure-Based Webpage Recommendation Algorithm based on Weighted Association Rules	JAVA/J2EE
2	Research on Effect of Virtual Community Internet Interaction to Online Purchasing Behavior	JAVA/J2EE
3	Impact of Recommender Systems on Unplanned Purchase Behaviours in ecommerce	JAVA/J2EE
4	Characterizing and Predicting Early Reviewers for Effective Product Marketing on E-Commerce Websites	JAVA/J2EE
5	Analyzing Patterns of Literature-Based Phenotyping Definitions for Text Mining Applications	JAVA/J2EE
6	Exploring Users' Internal Influence from Reviews for Social Recommendation	JAVA/J2EE
7	A Unified View of Social and Temporal Modeling for B2B Marketing Campaign Recommendation	JAVA/J2EE
8	PERSON—Personalized Expert Recommendation System for Optimized Nutrition	JAVA/J2EE
9	Opinion Dynamics-Based Group Recommender Systems	JAVA/J2EE
10	Text Classification of Flu-related Tweets Using FastText with Sentiment and Keyword Features	JAVA/J2EE
11	A Subword-based Deep Learning Approach for Sentiment Analysis of Political Tweets	JAVA/J2EE
12	Sentiment Classification System of Twitter Data for US Airline Service Analysis	JAVA/J2EE
13	Sentiment analysis on university satisfaction in social media	JAVA/J2EE
14	A public opinion keyword vector for social sentiment analysis research	JAVA/J2EE
15	Identification of Landscape Preferences by using Social Media Analysis	JAVA/J2EE
16	Application of Text Classification and Clustering of Twitter Data for Business Analytics	JAVA/J2EE
17	Hate Speech on Twitter	JAVA/J2EE
18	Variable Selection for Chronic Disease Outcome Prediction Using a Causal Inference Technique: A Preliminary Study	JAVA/J2EE
19	Automatically Identifying Themes and Trends in Software Engineering Research	JAVA/J2EE
20	Forecasting Weekly Crude Oil Using Twitter Sentiment of US Foreign Policy and Oil Companies Data	JAVA/J2EE
21	Stock Transaction Prediction Modeling and Analysis Based on LSTM	JAVA/J2EE
22	Integrating StockTwits with Sentiment Analysis for better Prediction of Stock Price Movement	JAVA/J2EE
23	Corporate Communication Network and Stock Price Movements: Insights From Data Mining	JAVA/J2EE
24	Traffic Accident Hotspots Identification Based on Clustering Ensemble Model	JAVA/J2EE
25	Revisiting K-Means and Topic Modeling, a Comparison Study to Cluster Documents	JAVA/J2EE
26	Music Recommendation Based on Content and Collaborative Approach & Reducing Cold Start Problem	JAVA/J2EE
27	Classification Of Posts Twitter Traffic Jam The City Of Jakarta Using Algorithm C4.5	JAVA/J2EE
28	Integrating web usage mining for an automatic learner profile detection: A learning styles-based approach	JAVA/J2EE
29	Combined Two Phase Page Ranking Algorithm for Sequencing the Web Pages	JAVA/J2EE
30	DeepMovRS: A unified framework for deep learning-based movie recommender systems	JAVA/J2EE
Routing or WSN IEEE 2018-19		
31	Analysis of Cluster heads positions in stable election protocol for Wireless Sensor Networks	MATLAB or JAVA/J2EE
32	Energy Optimization Protocol of Heterogeneous WSN Based on Node Energy	MATLAB or JAVA/J2EE
33	An improved K-means Cluster-based Routing Scheme for Wireless Sensor Network	MATLAB or JAVA/J2EE
34	TECEAP: Two-tier Era-based Clustering Energy-efficient Adaptive and Proactive Routing Protocol for Wireless Sensor Networks	MATLAB or JAVA/J2EE
35	Improving Network Lifetime in Wireless Sensor Network Using Fuzzy Logic Based Clustering Combined With Mobile Sink	MATLAB or JAVA/J2EE
36	Unicast Routing Protocols to Reduce Electric Energy Consumption in Wireless Ad-hoc Networks	MATLAB or JAVA/J2EE
37	Research on DSDV Routing Protocol Based on Wireless Mesh Network	MATLAB or JAVA/J2EE
38	Comparing the Throughput and Delay of Proactive and Reactive Routing Protocols in Mobile Ad-hoc Networks	MATLAB or JAVA/J2EE
39	E-E-AODV An Efficient Approach For Energy Conservation in MANETs	MATLAB or JAVA/J2EE
40	Probabilistic Energy Efficient Routing Protocol for Wireless Sensor Network	MATLAB or JAVA/J2EE
41	CC-ADOV An Effective Multiple Paths Congestion Control AODV	MATLAB or JAVA/J2EE
42	Energy-efficient medium access control and routing protocol for multihop wireless sensor networks	MATLAB or JAVA/J2EE
43	Fuzzy Logic-based Routing Algorithm for Lifetime Enhancement in Heterogeneous Wireless Sensor Networks	MATLAB or JAVA/J2EE
44	A Cooperative Clustering Protocol With Duty Cycling for Energy Harvesting Enabled WSN	MATLAB or JAVA/J2EE
45	Toward Constructive Relay-Based Cooperative Routing in MANETs	MATLAB or JAVA/J2EE

S.No	Web Mining (JAVA)	Year
46	Aspect based sentiment analysis in social media with classifier ensembles	2017
47	A Context-Based Regularization Method for Short-Text Sentiment Analysis	2017
48	Abnormal Working Hours: Effect of Rapid Releases and Implications to Work Content	2017
49	Mining Twitter Data for a More Responsive Software Engineering Process	2017
50	Sentiment analysis of students' comment using lexicon based approach	2017
51	Requiem for online harassers: Identifying racism from political tweets	2017
52	Expression of Political Opinions in Press	2017
53	Mining E-Commerce Satisfaction Sentiment through a Bilingual Model	2017
54	Target oriented tweets monitoring system during natural disasters	2017
55	Predicting political mood tendencies based on Twitter data	2017
56	A Rating Approach based on Sentiment Analysis	2017
57	A feature based approach for sentiment analysis using SVM and Coreference Resolution	2017
58	Market impact analysis via sentimental transfer learning	2017
59	Sentiment Analysis for design of Computing with Words based recommender	2017
60	SentiReview: Sentiment analysis based on text and emoticons	2017
61	Recommendation generation using typicality based collaborative filtering	2017
62	CPMF: A collective pairwise matrix factorization model for upcoming event recommendation	2017
63	A calculation method for social network user credibility	2017
64	Predicting the Popularity of News Based on Competitive Matrix	2017
65	Extraction of Action Rules for Chronic Kidney Disease using Naïve Bayes Classifier	2017
66	An innovative tour recommendation system for tourists in Japan	2016
67	Web Page Personalization and link prediction using generalized inverted index and flame clustering	2016
68	Automated discovery of small business domain knowledge using web crawling and data mining	2016
69	Modelling website user behaviors by combining the EM and DBSCAN algorithms	2016
70	XPath based crawling method with crowdsourcing for targeted online market places	2016
71	Development of business intelligence solution for personnel administration	2016
72	Predicting user behavior through sessions using the web log mining	2016
73	Extracting Opinion Targets from Environmental Web Coverage and Social Media Streams	2016
74	Food hazard event extraction based on news and social media: A preliminary work	2016
75	Automating Web Tasks by Simulating Browser Behaviors	2016
76	SDAF: Symbolic data classification using variations in frequent terms	2016
77	More Common Than You Think: An In-depth Study of Casual Contributors	2016
78	Research on the mining of opinion community for social media based on sentiment analysis and regional distribution	2016
79	Sentiment classification for Turkish Twitter feeds using LDA	2016
80	Sentiment Analysis and Classification for Software as a Service Reviews	2016
81	A Provably Efficient Algorithm for Separable Topic Discovery	2016
82	Gathering user reviews for an opinion dictionary	2016
83	Improved speculative Apriority with percentiles algorithm for website restructuring based on usage patterns	2016
84	Extract semantic web knowledge from Wikipedia tables and lists	2016
85	Mining online forums for valuable contributions	2016
86	Leveraging Cross-Domain Social Media Analytics to Understand TV Topics Popularity	2016
87	A Study of Causes and Consequences of Client-Side JavaScript Bugs	2016
88	Data mining for marketing in telecommunication industry	2016
89	Pattern matching for extraction of core contents from news web pages	2016
90	Creating ontology for intelligent web by using web usage mining	2016
91	Prediction of User Behavior using Web log in Web Usage Mining	2016
S.No	Data Mining (JAVA)	Year
92	An improved algorithm for mining frequent Inter-transaction patterns	2017
93	A predictive approach for improving the sales of products in e-commerce	2017
94	Machine Learning Methods for Solving Complex Ranking and Sorting Issues in Human Resourcing	2017
95	Design and application of intelligent dynamic crawler for web data mining	2017
96	Discovering interesting item sets based on change in regularity of occurrence	2017
97	Extraction of Characteristic Sets of Ingredients and Cooking Actions on Cuisine Type	2017
98	Mining Web Access Sequence with Improved Apriori Algorithm	2017

99	Enabling Far-Edge Analytics: Performance Profiling of Frequent Pattern Mining Algorithms	2017
100	Identifying At-Risk Students for Early Interventions—A Time-Series Clustering Approach	2017
101	Mining weighted-frequent-regular item sets from transactional database	2017
102	Design and development of an intelligent web application for direct consumer to consumer trading over Internet	2017
103	An approach to support education of data mining algorithms	2017
104	Applying Data Mining techniques in Cyber Crimes	2017
105	Designing combo recharge plans for telecom subscribers using item set mining technique	2017
106	Trust: A new objective measure for symmetric association rule mining in account of dissociation and null transaction	2017
107	Supervised and Unsupervised Aspect Category Detection for Sentiment Analysis with Co-occurrence Data	2017
108	Semantic association rule mining: A new approach for stock market prediction	2017
109	Improved approach for infrequent weighted item sets in data mining	2017
110	Event Detection and User Interest Discovering in Social Media Data Streams	2017
111	Enhanced frequent item sets based on topic modeling in information filtering	2017
112	Efficiency of data mining models to predict academic performance and a cooperative learning model	2016
113	An elective course suggestion system developed in computer engineering department using fuzzy logic	2016
114	A unified classification approach to the online review selection using micro-reviews	2016
115	A framework for analyzing and detracting negative emotional contagion in online social networks	2016
116	Review on state of art data mining and machine learning techniques for intelligent Airport systems	2016
117	Improvement of spatial data clustering algorithm in city location	2016
118	Current research themes in software engineering: An application of text mining	2016
119	A clustering algorithm based on integration of K-Means and PSO	2016
120	Impact of Bug Reporter's Reputation on Bug-Fix Times	2016
121	A Data Mining Framework for Tea Price Evaluation	2016
122	Predicting transitional interval of kidney disease stages 3 to 5 using data mining method	2016
123	Quran question and answer corpus for data mining with WEKA	2016
124	A Survey of Data Mining and Machine Learning Methods for Cyber Security Intrusion Detection	2016
125	Using social media mining technology to assist in price prediction of stock market	2016
126	Research of association rule algorithm based on data mining	2016
127	Perceiving learning at a glance: A systematic literature review of learning dashboard research	2016
128	Processing Incomplete k Nearest Neighbor Search	2016
129	Framework for data model to personalized health systems	2016
130	Construction of decision support system in business design based on integration of information technology	2016
131	Sentiment analysis of top colleges in India using Twitter data	2016
132	Metric all-k-nearest-neighbor search	2016
133	Current issues in education as pertaining to the realm of e-commerce legal protection	2016
134	Development of a framework for analyzing terrorism actions via twitter lists	2016
135	A LDA model based text-mining method to recommend reviewer for proposal of research project selection	2016
S.No	Software Engineering	Year
136	Automatically locating unnamed windows and inner frames for web regression testing	2017
137	Accelerating Test Automation through a Domain Specific Language	2017
138	Better Now Than Later: Managing Technical Debt in Systems Development	2017
139	Automatically Tracing Dependability Requirements via Term-Based Relevance Feedback	2017
140	Emotional Intelligence, Technology Strategy and Firm's Non-Financial Performance	2017
141	Optimal shelf space strategy for the fresh agricultural product with a two-warehouse inventory system	2017
142	Inventory control of outpatient appointment based on revenue management theory	2017
143	Ordering control in multi-stage multi-item supply chain with stochastic demand	2017
144	Hybrid Biogeography-Based Optimization for solving Vendor Managed Inventory System	2017
145	Multicriteria Green Supplier Segmentation	2017
S.No	Routing and Wireless Sensor Networks (JAVA/MATLAB)	Year
146	Energy-Efficient Algorithm to Construct the Information Potential Field in WSNs	2017
147	Comparative study of opportunistic routing in Wireless Sensor Networks	2017
148	EIP-LEACH: Energy influenced probability based LEACH protocol for Wireless Sensor Network	2017
149	Coordinate-Assisted Routing Approach to Bypass Routing Holes in Wireless Sensor Networks	2017
150	Evaluating the performance of density grid-based clustering using ABC technique for efficient routing in WSNs	2017

151	Proposed identification algorithm of evil nodes in WSN	2017
152	Utilizing communication range to shorten the route of sweep coverage	2017
153	Parent node discovery time reduction algorithm for low-power wireless sensor networks	2017
154	Zone based hybrid approach for clustering and data collection in wireless sensor networks	2017
155	Genetic algorithm based clustering approach for wireless sensor network to optimize routing techniques	2017
156	Fault-tolerant topology control for heterogeneous wireless sensor networks using Multi-Routing Tree	2017
157	Research on Trust Sensing Based Secure Routing Mechanism for Wireless Sensor Network	2017
158	An Improved Routing Algorithm Based on Ant Colony Optimization in Wireless Sensor Networks	2017
159	Research on efficient-efficient routing protocol for WSNs based on improved artificial bee colony algorithm	2017
160	Aco based wireless sensor network routing for energy saving	2017
161	EAM: Energy Aware Mobility over wireless sensor networks	2017
162	Modelling of clustering with relay nodes in wireless sensor networks	2017
163	AODV Based Adaptive Distributed Hybrid Multipath Routing for Mobile Adhoc Network	2017
164	Optimal dynamic routing protocols for agro-sensor communication in MANETs	2017
165	Ad Hoc WLAN Throughput Improvement by Reduction of RTS Range	2017
166	An Optimization Framework for Mobile Data Collection in Energy-Harvesting Wireless Sensor Networks	2016
167	An Improved Three-Layer Low-Energy Adaptive Clustering Hierarchy for Wireless Sensor Networks	2016
168	Cluster-Based Routing for the Mobile Sink in Wireless Sensor Networks with Obstacles	2016
169	Optimal and Near-Optimal Cooperative Routing and Power Allocation for Collision Minimization in Wireless Sensor Networks	2016
170	CASPaR: Congestion avoidance shortest path routing for delay tolerant networks	2016
171	An Incentive-Compatible Routing Protocol for Two-Hop Delay-Tolerant Networks	2016
172	Routing and optimal hop distance in wireless ad hoc network	2016
173	A Recursive Shortest Path Routing Algorithm With Application for Wireless Sensor Network Localization	2016
174	Dynamic Cluster Head Selection Method for Wireless Sensor Network	2016
175	A Fuzzy Logic-Based Clustering Algorithm for WSN to Extend the Network Lifetime	2016
176	Energy Efficiency Optimization for Mobile Ad Hoc Networks	2016
177	Routing-aware TDMA scheduling for wireless sensor networks	2016
178	Contention-Based Geographic Forwarding Strategies for Wireless Sensors Networks	2016
179	Backpressure-based routing and scheduling protocols for wireless multi hop networks: A survey	2016
180	Cooperative Routing With Relay Assignment in Multi radio Multihop Wireless Networks	2016
181	Optimal Energy and Data Routing in Networks With Energy Cooperation	2016
182	Simulation comparison and analysis of DSR and DYMO protocols in MANETs	2016
183	An expansion cluster routing algorithm based on RSSI for an efficient data transmission	2016
184	Design and performance evaluation of an energy efficient routing protocol for Wireless Sensor Networks	2016
185	Opportunistic Routing With Congestion Diversity in Wireless Ad Hoc Networks	2016
S.No Smart Antennas (MATLAB)		Year
186	Joint power control and beam former design with antenna selection	2017
187	Saturation Power-Based Simple Energy Efficiency Maximization Schemes for MISO Broadcast Channel Systems	2017
188	Finite Horizon Opportunistic Multicast Beamforming	2017
189	Fast Iterative Interpolated Beamforming for Accurate Single-Snapshot DOA Estimation	2017
190	A Quadratically-Constrained Stochastic Gradient Algorithm for Beamforming in Mobile Communications	2017
191	Transmit Beamforming and Power Control for Optimizing the Outage Probability Fairness in MISO Networks	2017
192	Robust adaptive beamforming against significant angle mismatch	2017
193	Cosecant Squared pattern synthesis of linear antenna arrays based on an adaptive least Square algorithm	2017
194	A new Variable Error Metric adaptive beamforming Algorithm for smart antenna systems	2017
195	New Trinion and Quaternion Set-Membership Affine Projection Algorithms	2017
196	Performance comparisons of fixed and adaptive beamforming techniques for 4G smart antennas	2017
197	Direction-of-arrival estimation in sensor arrays for moving terminals	2017
198	Fast Transmit Beamforming With Distributed Antennas	2017
199	A Low-Complex One-Snapshot DOA Estimation Algorithm with Massive ULA	2017
200	An accurate perturbation analysis algorithm for music with Toeplitz covariance matrix	2017
201	Orientation and cancellation of directional interfering signals based on a radio frequency beamforming array	2017
202	M&1,2-MUSIC algorithm for DOA estimation of coherent sources	2017
203	Improved DOA estimation algorithm for co-prime linear arrays using root-MUSIC algorithm	2017
204	Array Interpolation Using Covariance Matrix Completion of Minimum-Size Virtual Array	2017

205	Simplified High-Order DOA and Range Estimation With Linear Antenna Array	2017
206	A novel subspace partition method for fourth-order statistics based MUSIC	2017
207	The Application of DOA Estimation Approach in Patient Tracking Systems with High Patient Density	2016
208	Informed MIMO implementation of distributed transmit beamforming for range extension	2016
209	Switchless Reconfigurable Antenna with 360° Steering	2016
210	Investigation of RLS beamforming algorithm in terms of energy efficiency	2016
211	Combining Antenna Array Elements by using ICA Method for Remote Sensing Sources	2016
212	Fast Transmit Beamforming with Distributed Antennas	2016
213	Adaptive Beamforming for Vector-Sensor Arrays Based on a Reweighted Zero-Attracting Quaternion-Valued LMS Algorithm	2016
214	Main lobe interference suppression with Eigen projection algorithm and similarity constraints	2016
215	Robust and fast beamforming with magnitude response constraints for multiple-input multiple-output radar	2016
216	Beamforming for total energy maximization in MISO networks	2016
217	Multicell Coordinated Scheduling With Multiuser Zero-Forcing Beamforming	2016
218	Distributional robust chance-constrained minimum variance beamforming	2016
219	Reduced-Order Robust Super directive Beamforming with Uniform Linear Microphone Arrays	2016
220	Performance comparison of millimeter-wave communications system with different antenna beam width	2016
221	Weighted Sum Rate Based Coordinated Beamforming in Multi-cell Multicast Networks	2016
222	The implementation of smart antenna based on NI PXI	2016
223	A null broadening beamforming method of virtual antenna array	2016

BIGDATA HADOOP / PYTHON / MATLAB PROJECT TITLES

224	Big Data Analytics Predicting Risk of Readmissions of Diabetic Patients	HADOOP
225	Real Time Opinion Mining of Twitter Data	HADOOP
226	Sentimentor: Sentiment Analysis of Twitter Data	HADOOP
227	CallCab: A Unified Recommendation System for Carpooling and Regular Taxicab Services	HADOOP
228	Integrity Auditing And Deduplicating Data In Cloud	HADOOP
229	Design and implementation of a scalable distributed web crawler based on Hadoop	HADOOP
230	Big-Data in Climate Change Models — A Novel Approach with Hadoop MapReduce	HADOOP
231	Analyzing and scripting Indian election strategies using big data via Apache Hadoop framework	HADOOP
232	Anomaly detection for big log data using a Hadoop ecosystem	HADOOP
233	HUMAN — Hadoop used medical Analytics : A survey	HADOOP
234	Automatically Mining Facets for Queries from Their Search Results	PYTHON
235	Efficiency of data mining models to predict academic performance and a cooperative learning model	PYTHON
236	Towards Effective Bug Triage with Software Data Reduction Techniques	PYTHON
237	Rule Extraction From Support Vector Machines Using Ensemble Learning Approach: An Application for Diagnosis of Diabetes	PYTHON
238	Using Back Propagation Artificial Neural Networks in Conveyor Health Monitoring and Failure Prediction	MATLAB
239	Machine Learning Methods for Classifying Human Physical Activity from On-Body Accelerometers	MATLAB
240	Phishing websites features classification based on extreme learning machine	IEEE 2018
241	Microarray breast cancer data classification using machine learning methods	IEEE 2018
242	Towards robust machine learning methods for the analysis of brain data	IEEE 2018
243	Mobile service experience prediction using machine learning methods	IEEE 2018
244	Spam image classification using machine learning methods based on bag of words technique	IEEE 2018
245	Prediction of Bitcoin prices with machine learning methods using time series data	IEEE 2018
246	Supervised Machine Learning Algorithms for Credit Card Fraudulent Transaction Detection: A Comparative Study	IEEE 2018
247	Classification of Attack Types for Intrusion Detection Systems Using a Machine Learning Algorithm	IEEE 2018
248	Pilot Support System: A Machine Learning Approach	IEEE 2018
249	Detection of plant diseases by machine learning	IEEE 2018

IOT (HARDWARE + SOFTWARE + AMAZON CLOUD)

250	IOT and E Glove based nurse calling system	
251	Evidence Collection In Car Using Android Phone Application Along With IOT	
252	IOT-Intelligent Smart Traffic Management for Ambulance using RFID	
253	IOT-HIVE Home Automation System for Intrusion Detection	
254	IOT – ChargetSpot	
255	IOT - Web Laboratory- Remote Virtual Lab Access With Graph Generation.	

256	IOT - Bellandur Lake - Analysis and Metering of Industrial Waste Water.
257	IOT based Refrigerator, Storage room and FMCG products stock monitoring with Email alert of Purchase Order.
258	Intelligent Anti-Theft Tracking and Accident Detection System for Automobiles Based on IOT
259	IOT-Electricity Energy Unit limits Per Sqft Land – Resource management responsibility per family
260	IOT_Airport Baggage Conveyor and Voice notification using Android Technology
261	IOT Based Underground Cable Fault Detection
262	IOT Based Automated Waste Segregator
263	IOT Ayurvedic Medicine Beetel Leaf Vine Cultivation using IOT & Wireless Sensor Network
264	IOT – NAVGUIDE - Electric Aid For Visually Impaired People
265	IOT - Mobility Assistance Trainer For Visually Impaired
266	Cotton Flucker And Fabric For Irrigation And Farm Monitoring
267	PI3 - Blocked Driveway - Supportive Aid For Parked Car Blocked
268	IOT V2I Communication – Rescue Time
269	IOT - SRE - Semantic Rules Engine for the Industrial Gateways
270	IOT V2I Communication - RSU Unit for Persistent Traffic Measurement
271	IOT - Safe Drive - Dangerous Driving Recognition of Delivery Boys
272	IOT Wearable - Municipal Crews in Secure with Smart Wear
273	IOT – Smart Urban Data Logger – Environment and Garbage
274	IOT - Distributed Strategy for Emergency Ambulance Routing
275	IOT_ High security prison management
276	IOT - Prisoner posture Analysis and Behaviour
277	IOT Based Remote Virtual Lab Industrial Automation using Cloud Server
278	Gesture Based Billing Trolley For Shopping Malls Using RFID
279	Monthly Grocery Distribution System based on Family Members Count using RFID
280	Mind wave based robot control and home automation
281	An IOT Based Agriculture Application for Data Monitoring Based on Embedded and MATLAB Image Processing
282	IOT - Node MCU based real time data logger for monitoring weather for agricultural purpose
283	IOT – Smart Parking System through Website Reservation
284	IOT - Smart Socket for Residence with AWS
285	IOT Based Smart Talking Energy Meter
286	Smart Soil Testing System For Farmers
287	Wearable Device - Talking Medical Instrument.
288	IOT-Industrial Breath Exhale
289	IOT Based Smart Geyser Automation wrt Environment Condition to Save Electricity
290	IOT based Novel Low-Cost Sensor for Human Bite Force Measurement
291	IOT - Smart Seating Management in Public Bus Transportation using IoT and Embedded system
292	IOT- Industrial CAN Analyzer For Production QC
293	IOT based Smart Greenhouse
294	Dynamic Solid Waste Collection and Management
295	IOT_Airport Baggage Conveyor and Voice notification using Android Technology
296	IOT Based Underground Cable Fault Detection
297	IOT-An Internet-of-Things Enabled Connected Navigation System for Urban Bus Riders
298	Micro service-based IoT for Smart Buildings
299	IOT based irrigation system with without internet and pump set control with status notification
300	IOT Aadhaar Card based Biometrics Electronic Voting System with Embedded Security Along With Remote Access
301	IOT-HIVE Home Automation System for Intrusion Detection
302	IOT - Wearable Device - Based Automatic Patient Health Care System
303	IOT - Camcorder piracy - Aadhaar Based Anti-Piracy Screen
304	IOT - Evidence Collection in Automotive Industry for Legal Claim
305	IOT – CLCTO – Co-operative Logistics Cargo Transport Optimization
306	IOT - Web Laboratory- Remote Virtual Lab Access With Graph Generation.
307	IOT Based Air and Noise Pollution Monitoring in Urban and Rural Areas, Important Zones
308	IOT-Intelligent Smart Traffic Management for Ambulance using RFID
309	IOT - Where's The Bear- Automating Wildlife Image Processing Using IOT
310	IOT - ER Lock - Intelligent Anti-Theft Tracking and Accident Detection System for Automobiles Based on IOT
311	IOT - Child Safety Wearable Device

312	IOT - Smart Refrigerator
313	IOT - Leaf Lattice and Smart Agriculture
314	IOT - Aadhar Card based Biometrics Electronic Voting System with Embedded Security Along With Remote Access
315	IOT based flood crop loss assessment and smart security
316	A Wireless IoT System Towards Gait Detection in Stroke Patients
317	IOT base Smart Home Appliances by using Cloud Intelligent Tetris Switch
318	An IoT Based Remote HRV Monitoring System for Hypertensive Patients
319	Smart Crossing System using IoT
320	IOT-Electricity Energy Unit limits Per Sqft Land – Resource management responsibility per family
321	IOT based Garbage and Street Light Monitoring System
322	IoT & Android based On-Street and Off-Street Parking Availability Prediction & Space Reservation
323	IOT Based Monitoring and Smart Planning of Urban Solid Waste Management
324	IOT - Residence Energy Control System Based On Wireless Smart Socket And IOT
325	IoT Based Monitoring and Smart Planning of Urban Solid Waste Management
326	IOT, GPRS & Raspberry PI Based Global Industrial Process Monitoring Through Wireless Communication
327	IOT Based Multi Function War Assistance Robot
328	IOT - RECoS – Smart Socket for Electric Vehicle, Washing Machine, Geyser Energy Control
329	IOT and ARM based drug remainder for patients

IEEE 2018-2019 MATLAB PROJECTS LIST

330	Size-Scalable Content-Based Histopathological Image Retrieval From Database That Consists of WSIs	2018
331	Optic Disk Detection in Fundus Image Based on Structured Learning	2018
332	Color Balance and Fusion for Underwater Image Enhancement	2018
333	SDL: Saliency-Based Dictionary Learning Framework for Image Similarity	2018
334	Remote Sensing Image Classification With Large-Scale Gaussian Processes	2018
335	Classification of Medical Images in the Biomedical Literature by Jointly Using Deep and Handcrafted Visual Features	2018
336	The Simple Image Processing Scheme for Document Retrieval Using Date of Issue as Query	2018
337	Blind Quality Assessment Based on Pseudo-Reference Image	2018
338	Predicting CT Image From MRI Data Through Feature Matching With Learned Nonlinear Local Descriptors	2018
339	Learning a Deep Single Image Contrast Enhancer from Multi-Exposure Images	2018
340	Representative Pixels Compression Algorithm Using Graph Signal Processing For Colorization-Based Image Coding	2018
341	Improve Image De-blurring	2018
342	Underwater Image Color Correction using Exposure-Bracketing Imaging	2018
343	Calcium Removal From Cardiac CT Images Using Deep Convolutional Neural Network	2018
344	Self-Learning To Detect And Segment Cysts In Lung Ct Images Without Manual Annotation	2018
345	Quality Assessment of Thai Rice Kernels Using Low Cost Digital Image Processing System	2018
346	A Simple Measure for Acuity in Medical Images	2018
347	Creation and Solution of Image Processing Based CAPTCHA Test	2018
348	Segmentation of Live and Dead Cells in Tissue Scaffolds	2018
349	Segmentation of the Main Structures in Hematoxylin and Eosin Images	2018
350	Retinal Disease Screening Through Local Binary Patterns	2017
351	The Indian Spontaneous Expression Database for Emotion Recognition	2017
352	Face Antispoofing Using Speeded-Up Robust Features and Fisher Vector Encoding	2017
353	Facial Age Estimation With Age Difference	2017
354	Defect Detection in SEM Images of Nano fibrous Materials	2017
355	Data-Dependent Label Distribution Learning for Age Estimation	2017
356	Automatic Detection of Red Light Running Using Vehicular Cameras	2017
357	A Hierarchical Approach for Rain or Snow Removing in a Single Color Image	2017
358	Unconstrained Facial Beauty Prediction Based on Multi-scale K-Means*	2017
359	Context-Aware Local Binary Feature Learning for Face Recognition	2017
360	A Facial-Expression Monitoring System for Improved Healthcare in Smart Cities	2017
361	Retinal Disease Screening Through Local Binary Patterns	2017

IEEE 2017-18 NS2 PROJECT LIST

WSN, MANETS

362	A Delay-Sensitive Multicast Protocol for Network Capacity Enhancement in Multirate MANETS	
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363	A Novel Approach for Efficient Usage of Intrusion Detection System in Mobile Ad Hoc Networks	
364	Contradiction Based Gray-Hole Attack Minimization for Ad-Hoc Networks	
365	Delay Analytical Models for Opportunistic Routing in Wireless Ad Hoc Networks	
366	Energy Efficient Multipath Routing Protocol for Mobile ad-hoc Network Using the Fitness Function	
367	Fine-Grained Analysis of Packet Loss in MANETs	
368	SUPERMAN: Security Using Pre-Existing Routing for Mobile Ad hoc Networks	
369	A Distributed Delay-Efficient Data Aggregation Scheduling for Duty-cycled WSNs	
370	A Joint Routing and MAC Protocol for Transmission Delay Reduction in Many-to-One Communication Paradigm for Wireless Sensor Networks	
371	A Self-Adaptive Sleep/Wake-Up Scheduling Approach for Wireless Sensor Networks	
372	E2HRC: An Energy-Efficient Heterogeneous Ring Clustering Routing Protocol for Wireless Sensor Networks	
373	Energy Efficient Clustering Algorithm for Multi-Hop Wireless Sensor Network Using Type-2 Fuzzy Logic	
374	Load Balanced Coverage with Graded Node Deployment in Wireless Sensor Networks	
375	Load-Balanced Opportunistic Routing for Duty-Cycled Wireless Sensor Networks	
376	Low-Cost Collaborative Mobile Charging for Large-Scale Wireless Sensor Networks	
377	Near Optimal Data Gathering in Rechargeable Sensor Networks with a Mobile Sink	
378	Optimal Privacy-Preserving Probabilistic Routing for Wireless Networks	
379	Optimization of Watchdog Selection in Wireless Sensor Networks	
380	QoS-Aware and Heterogeneously Clustered Routing Protocol for Wireless Sensor Networks	
381	Routing Protocol for Wireless sensor networks Using Swarm intelligence-ACO with ECPSOA	
382	SEND: A Situation-Aware Emergency Navigation Algorithm with Sensor Networks	
383	Speed Up-Greedy Perimeter Stateless Routing Protocol for Wireless Sensor Networks (SU-GPSR)	
384	A Secure and Efficient ID-Based Aggregate Signature Scheme for Wireless Sensor Networks	
385	Contradiction Based Gray-Hole Attack Minimization for Ad-Hoc Networks	
386	Routing in Mobile Ad-Hoc Networks using Social Tie Strengths and Mobility Plans CRCMD&R: Cluster and Reputation based Cooperative Malicious Node Detection & Removal Scheme in MANETs.	
387	TEEM: Trust-based Energy-Efficient Distributed Monitoring for Mobile Ad-hoc Networks.	
388	Research on Trust Sensing based Secure Routing Mechanism for Wireless Sensor Network.	
389	A Wireless Sensor Network Border Monitoring System: Deployment Issues and Routing Protocols	
390	A Game-theoretic Approach to Fake-Acknowledgment Attack on Cyber- Physical Systems.	
391	Resilience of DoS Attacks in Designing Anonymous User Authentication Protocol for Wireless Sensor Networks	
392	Secure and Energy-Efficient Data Transmission System Based on Chaotic Compressive Sensing in Body-to-Body Networks.	
393	Cost-Effective Mapping Between Wireless Body Area Networks and Cloud Service Providers Based on Multi-Stage Bargaining	
394	Quality of Service for MANET based Smart cities	
395	Low Power Wide Area Network Analysis: Can LoRa Scale?	

ME ECE,EEE, Bio Medical, Instrumentation & Telecommunication Project Titles

396	18_3_ IEEE_IOT – NAVGUIDE - Electric Aid For Visually Impaired People	
397	18_5_ IEEE_IOT - Mobility Assistance Trainer For Visually Impaired	
398	18_6_ IEEE_Cotton Flucker And Fabric For Irrigation And Farm Monitoring	
399	18_1_514_ IEEE_Efficiency Improvement of Photovoltaic Panels by Design Improvement of Cooling System using Water Cooler	
400	18_2_ IEEE_IOT - SRE - Semantic Rules Engine for the Industrial Gateways	
401	18_3_ IEEE_NavGuide - Design and Construction of Electronic Aid for visually impaired people	
402	18_4_ IEEEA Dual-Link Soft Handover Scheme for C/U Plane Split Network in High-Speed Railway	
403	18_5_ IEEE_A Hybrid Approach for Identification of Manhole and Staircase to Assist Visually Challenged	
404	18_6_ IEEE_IoT based Solar Powered Agribot for Irrigation and Farm Monitoring	
405	18_6_ IEEE_Cotton Flucker And Fabric For Irrigation And Farm Monitoring	
406	18_7_ IEEE_Study on Remote Control System of Rural Water Treatment Equipment	
407	18_8_ IEEE_A Survey on the Roles of Communication Technologies in IoT-based Personalized Healthcare	
408	18_9_ IEEE_Fast Access for ZigBee-enabled IoT Devices Using Raspberry Pi	
409	18_10_ IEEE_MANER Managed Data Dissemination Scheme for Wildlife Monitoring System	
410	18_11_482_ IEEE_ECShub - An Off Grid Bunk	
411	18_14_200_ IEEE_IOT V2I Communication - RSU Unit for Persistent Traffic Measurement	
412	18_15_508_ IEEE_IOT - Safe Drive - Dangerous Driving Recognition of Delivery Boys	
413	18_17_ IEEE_IOT Wearable - Municipal Crews in Secure with Smart Wear	
414	18_18_ IEEE_IoT – Smart Urban Data Logger – Environment and Garbage	

415	18_19_ IEEE_IOT - Distributed Strategy for Emergency Ambulance Routing	
416	Wearable Device - Talking Medical Instrument	
417	Wearable Device - Android - Talking Medical Instrument	
418	Three level authentication system for tenable transaction and abridgment of ATM card	
419	Talking Instrument – Electric Lab	
420	Smart Soil Testing System For Farmers	
421	Smart Engine Control Unit with Anti-Theft Scenario Aiding in Motorcycle Security	
422	Sensor Node Security for Home Gas Leakage and Theft Alert	
423	IOT V2I Communication – Rescue Time	
424	IOT Based Smart Talking Energy Meter	
425	IOT - Smart Socket for Residence with AWS	
426	IOT – Smart Parking System through Website Reservation	
427	IOT - Node MCU based real time data logger for monitoring weather for agricultural purpose	
428	Bidirectional Visitor Counter in Library using Android	
429	Automation Road Cleaning Robot	
430	Anti-theft Protection of Vehicle by GSM & GPS Using RASPBERRY PI	
431	An IOT Based Agriculture Application for Data Monitoring Based on Embedded and MATLAB Image Processing	
432	Advanced Anti-Theft Protection of Vehicles Using RENESAS Micro Controller	
433	466_Novel Recon? gurable Micro grid Architecture with Renewable Energy Sources	
434	465_Mindwave based robot control and home automation	
435	446_Personal Assistant for Elderly Person with Android App	
436	416_Monthly Grocery Distribution System based on Family Members Count using RFID	
437	409_Gesture Based Billing Trolley For Shopping Mall	
438	333_IOT Based Remote Virtual Lab Industrial Automation using Cloud Server	
439	IOT Wearable - Municipal Crews in Secure with Smart Wear	

IEEE 2017 Embedded Project Titles

440	17_1_ IEEE_Ad world – Useless Space, Endless Opportunity - Analysis and Prediction of Visitors.	
441	17_2_63_ IEEE_IOT- Industrial CAN Analyzer For Production QC.	
442	17_3_107_ IEEE_IoT based Smart Greenhouse	
443	17_4_ IEEE_Robotic Fire Detector, Extinguisher, Analyzer and Emergency Alert	
444	17_5_459_ IEEE_Dynamic Solid Waste Collection and Management	
445	17_6_ IEEE_Design and Implementation of a Fingerprint Based Lock System for Shared Access	
446	17_7_ IEEE_IOT – CLCTO – Co-operative Logistics Cargo Transport Optimization	
447	17_8_ IEEE_Blister Testing in Drug Industry	
448	17_9_477_Campus Navigator with Speech Assistance	
449	17_10_367_ IEEE_Posture Analysis - Physical Activity and Behaviour Recognition	
450	17_11_469_ IEEE_ECG_Prototype Development of Monitoring System in Patient Infusion with Wireless Sensor	

Network Embedded Based Projects

451	17_12_284_ IEEE_Terrian Mapping - Towards Automated Map Updating for Mobile Robot Localization	
452	17_13_Android - Design and Implementation of Automated Blood Bank using Embedded Systems	
453	17_13_Raspberry-Pi Based Embedded Blood Donating Application	
454	17_14_ IEEE_Automated Lighting System for Park Pathways	
455	17_15_ IEEE_Efficient Remote Control System using SMS Technology for Outdoor Security Lighting Applications	
456	17_16_46_ IEEE_Development of Intelligent Power Wheelchair	
457	17_17_94_ IEEE_A New Approach for Designing a Smart Glove for Sign Language Recognition	
458	17_18_Smart Traffic Control System Using Image Processing	
459	17_19_ IEEE_Wearable Enabling Human Cloud Integration in Next Generation Healthcare Systems	
460	17_20_Anti-Piracy Screen	
461	17_20_ IEEE_Movie Piracy Tracking using Temporal Psycho visual	
462	17_21_Talking Energy Meter	
463	17_22_IOT - Bellandur Lake - Analysis and Metering of Industrial Waste Water	
464	17_26_IOT-Industrial Breath Exhale	

RASPBERRY PI Based Projects

465	PI3 – Blocked Driveway – Supportive Aid For Parked Car Blocked	
466	Anti-theft Protection of Vehicle by GSM & GPS Using RASPERRY PI	

467	Ad world – Useless Space, Endless Opportunity - Analysis and Prediction of Visitors	
468	Hardware Design and Web-based Communication Modules of a Real-time Multi Sensor	
469	Android - Design and Implementation of Automated Blood Bank using Embedded Systems	
470	PI 3 - Design of automatic nutrition supply system using IoT technique in modern cities	
471	PI 3 - IOT for Vehicle Simulation System	
472	PI 3 - EMACS - Design and Implementation of Indoor Environment Monitoring and Control System	
473	PI 3 - IOT Based Vehicle Parking Manager	
474	PI 3 -Health Monitoring Systems using IoT and Raspberry Pi	
475	PI 3 - Fuel Management System	
476	PI 3 - IOT Multiple motion control System of Robotic Car Based on IoT to Produce Cloud Service	
477	PI 3 – Wireless Robo-Pi landmine detection	
478	PI 3 Developing fish feeder system	
479	PI 3 - Fall detection system and Body positioning with Heart Rate Monitoring	
480	PI9_Raspberry Pi - Job Vacancy Handicap, Drop your Resume	
482	PI1_Raspberry Pi Based Wireless Electronic Notice Board	
483	PI2_Raspberry pi based implementation of digital advertise boarding with email alert to end customer	
484	PI3_Raspberry PI - IEEE - An Implementation of Digital Advertising Board Using Mini PC	
485	PI4_IOT - Raspberry PI Based Global Industrial Process Monitoring Through Wireless Communication	
486	PI4_Raspberry PI Based Global Industrial Process Monitoring Through Wireless Communication	
487	PI5_Raspberry - IEEE - HIVE Home Automation and Security System	
488	PI6_Raspberry - Remote Virtual Lab Access and capturing physical image of laboratory	
489	PI7_Raspberry Pi - Gesture based Email Access and Voice Command for Blind and Dumb	
490	PI8_Raspberry Pi Based Deadly School Van Monitoring System with E-mail Alert	
491	PI9_Raspberry Pi - Job Vacancy? Handicap, Drop your Resume	

INNOVATIVE PROJECTS

492	329_IOT – ChargeItSpot	
493	IOT based Delivery Boys Safety Control and Bike Analyzer	
494	Job Vacancy? Handicap, Drop your Resume	
495	Swatch Abhiyan - Door-to-Door Pickup of Household Hazardous Waste	
496	195_Evidence Collection in Automotive Industry for Legal Claim – Min	
497	3_Implementing Peripherals Using 32-BIT ARM uC	
498	7_Implementing Peripherals Using 8051 uC	
499	21_Android based Sign Board Detection with Image & Voice Alert System	
500	21_Application of RF Technology to Solve Traffic Signal Scheduling by Monitoring the Vehicle Intensity in the Particular Road	
501	50_Airport Electronic Passport System and Toll Collection System Using RFID Technology	
502	73_student attendance management system	
503	89_Remote Airfield Lighting System	
504	122_Hitech Jail	
505	194_Microcontroller Based Auto College Bell With Speaker Announcement	
506	195_Evidence Collection in Automotive Industry for Legal Claim	
507	197_Automatic Shuttling of Metro Train between Stations	
508	200_Implementing Intelligent Traffic Control System for Congestion Control, Ambulance Clearance, and Stolen Vehicle Detection	
509	201_Integrated and Automated Vehicle Bay Arrangement System to Avoid Congestion in a Public Parking Area	
510	210_Real Time Automation In Paddy Field With Security	
511	211_Fault detection and correction of AC motor	
512	215_Automatic Visitor Count with Room Light Control	
513	220_Customised Wireless Sensor Node to Detect Hazardous Gas Pipeline Leakage	
514	238_An Automatic Embedded Toll Plaza with Document Verification and Speed Detection System	
515	240_Wireless power theft, overvoltage and overload monitoring system	
516	256_Aadhar Card based Biometrics Electronic Voting System with Embedded Security Along With Remote Access	
517	256_Biometrics Using Electronic Voting Sys with Embedded Security Along With Remote Access and Threaten Alert to Election Board	
518	257_Design and Implementation of a Power Converter for Electric Bike with Charging Feature	
519	271_Intelligent Wireless Connectivity within an Internal Home Network using Renesas RL78 Microcontroller	
520	275_Wireless Speed Control of Single Phase AC Induction Motor	
521	276_GSM Based Industrial Disaster Intimation Control System (GIDICS)	
522	281_GPS based virtual fencing	

523	284_ IEEE_ Terrian Mapping - Towards Automated Map Updating for Mobile Robot Localization	
524	285_ Train Collision Avoidance Using Vibration Sensor & Micro-Controller	
525	294_ Attitude and Heading Reference (AHRS) System for Aerospace application	
526	298_ Density Based Traffic Signal Control & Intelligent Ambulance For City Traffic with Zigbee communication	
527	313_ E Glove- Palm and Fingerprint sensor gesture based for Pick and Place remotely using RF Transmitter and Receiver	
528	315_ Solar powered house and transmitting the extra power to the government mains	
529	317_ Tracking and Information gathering system using GPS and GSM Technology	
530	318_ Satellite and RF Enabled Assistance for Marine Navigation	
531	319_ Renesas Based Renewable energy - 12V DC Power generation using Back EMF & Solar for LED load	
532	321_ Bird - Solar Powered Irrigation with auto control of pump & SMS alert	
533	321_ Solar powered Irrigation with auto control of pump & SMS alert	
534	325_ speech based high alert building automation and security alert through android with earthquake alert	
535	326_ Speech based control & alert system for senior citizens using android mobile	
536	329_ coin based universal mobile battery charger using solar panel	
537	329_ Coin Based Universal Mobile Battery Charger, Purified Drinking Water with Emergency Alert System	
538	329_ Coin Based Universal Mobile Battery Charger	
539	333_ IOT - Web Laboratory- Remote Virtual Lab Access With Graph Generation.	
540	343_ A Review on Design of Automated Floor Cleaning System	
541	343_ Autonomus Cleaning Robot	
542	350_ GPS based child tracking with server & SMS alert to parents	
543	356_ Rotating solar system for automobiles with Boost & charge control	
544	357_ Eye-Blink Control to Navigate a Wheel Chair of a Paralyzed Individual	
545	362_ Human Detection In Natural Disaster using ANDROID Technology	
546	366_ A_ MEMS Accelerometer sensors based semi-automated rash driving	
547	366_ MEMS Accelerometer sensors based semi-automated rash driving & traffic signal jump detection unit	
548	366_ Rash Driving Detection And Collision(Accident) Avoidance System With Steering Controlled Headlight Mechanism Of Vehicles.	
549	367_ Physical Activity and Behaviour Recognition of One-Two Year Old Child with Real time data collection for Doctors Observation	
550	372_ Implementation of the Driver Drowsiness Detection System	
551	373_ Energy Efficient Led Lighting System For Commercial Purpose	
552	374_ Automated System In Public Places Having Multiple Applications	
553	375_ Remote Control System of High Efficiency and Intelligent Street Lighting using Android Server	
554	379_ Designing a complete vehicle immobilization system integrated with a personalized alert mechanism	
555	380_ Theft_ Electricity Energy Unit limits Per Sqft Land – Resource management responsibility per family	
556	381_ Android - Gesture based Email Access and Voice Command for Blind and Dumb	
557	381_ Hand gesture based communication for Military and Patient Application	
558	381_ Real time communication between dumb, deaf and blind people using voice & gesture with Android	
559	381_ Real time communication between dumb, deaf and blind people using voice & gesture with Matlab	
560	390_ Embedded System Based Eye Movement & Gesture based Communicating for Paralyzed Person	
561	391_ Passenger BUS Alert System for Easy Navigation of Blind	
562	391_ Passenger BUS Alert System for Easy Navigation with Speech Recognition	
563	391_ Speech Recognition based Passenger Bus Alert System for Senior Citizens	
564	392_ Smart Device for Optimal Use of Stored Renewable Power with Automatic Switching using Matlab	
565	396_ Low Power Wireless Sensor Network For Building Monitoring	
566	396_ Micro-Electronics Methodology for Automation of Factory Using Integrated Networks on a Wireless Media	
567	397_ Design And Development Of Fall Detector Using Fall Acceleration	
568	398_ Intelligent Radio Frequency Identification Technology in Academic Management System	
569	400_ Design of an Environmental Monitoring for Applications	
570	401_ Heavy Vehicle Alert & Intimation System For Traffic Police Using Load Sensor Using GSM	
571	402_ Bridge Condition Monitoring System Using Wireless Network	
572	404_ Android application voice output based anti-fuel theft system for vehicles with alarm	
573	404_ Central Locking Control using Android Application with Fuel Theft Voice Alert	
574	404_ Headlight Central Locking Control using Android Application with Fuel Theft Voice Alert	
575	404_ Rash Drive - Central Locking Control using Android Application and Rash Driving Monitoring	
576	404_ RFID Central Locking Control using Android Application with Fuel Theft Voice Alert	
577	405_ (Motor)Intelligent Food Management System-Maintenance of Agro and Non-Agro Foods in Cold Storage Warehouse	
578	405_ Intelligent Food Management System-Maintenance of Agro and Non-Agro Foods in Cold Storage Warehouse	

579	406_ An Environmental Pollution Detection Systems in Automobiles using Control System Automation with Renesas RL78	
580	407_ Fire Avoidance and Electric Circuit Breaker System in Train along with Alerting Approaching Station	
581	408_ Pedestrians Safety, Anti Acceleration and Image Indication of Highway Sign Board with Speech Alert	
582	411_ Design and Implementation of Client-Server based Remote Machine Control System using Web Services for Industrial applications	
583	416_ Automatic Ration Material Distributions Based on GSM and Finger Print Scanner Technology	
584	416_ Monthly Glossary Distribution System based on Family Members Count using RFID as Unique ID card	
585	417_ Advanced Passenger Security System for Radio Cabs with Video Transmission and Enhanced System Security with Biometric Module	
586	420_ A Reconfigurable Smart Sensor Interface for Industrial WSN in IoT Environment using web server	
587	420_ Industrial Data Acquisition System with Smart Wireless Sensor Interface based on Internet of Things using Wi-Fi Network	
588	421_ Missile detection and automatic destroyer system	
589	422_ On_ Road Real Time Vehicle Emission CO2 Level Threshold Inspection With Email Alert Dotnet	
590	423_ Airport Baggage Conveyor and Voice notification using Android Technology	
591	424_ Wirless Communication, Monitoring and Security System Embedded Safety Helmet for Real Time Applications	
592	429_ Substation Phase Controller for automatic load shedding with overload alert	
593	431_ Underground Cable Fault Detection and Alert with Voice Commands using FN-M16P.	
594	433_ WSN & MEMS Technology Based Attender Calling System	
595	435_ IEEE_ A System for Automatic Notification and Severity Estimation of Automotive Accidents	
596	437_ E-Cradle for Infant Care with Android Speech alert for dangerous conditions	
597	437_ Evaluation of Respiratory & Non-Respiratory Movements of Infants with Care taker voice using FN-M16P module	
598	438_ Women Anti Rape Belt	
599	439_ Fault Analysis and Electrical Protection of Distribution Transformer with FN-M16P MP3 Unit	
600	440_ An Embedded system and RFID solution for transport related issues	
601	442_ Enhancing Coal Mine Safety with Wireless Sensor Networks Using Bluetooth Technology	
602	443_ Android_ Robust Railway Crack Detection Scheme (RRCDS) Using LED-LDR Assembly	
603	443_ Robust Railway Crack Detection Scheme (RRCDS) Using LED-LDR Assembly	
604	445_ Automatic Transformer Load sharing system with SMS Altering	
605	445_ GSM BASED POWER SHARING OF TRANSFORMER WITH AUTOMATIC LOAD SHEDDING SYSTEM	
606	449_ Design and Development of Object Recognition and Sorting Robot for Material Handling in Packaging and Logistic Industries	
607	451_ Embedded Fuzzy ZigBee Based Irrigation System for Home Gardens	
608	452_ Controlling of Electrical Devices with Automatic Active Phase Selector	
609	452_ Remote Monitoring and Controlling of Electrical Devices with Automatic Active Phase Selector	
610	459_ Android - An Approach for Monitoring and Smart Planning of Urban Solid Waste Management	
611	459_ Garbage and Street Light Monitoring System with Automatic Door Mechanism	
612	460_ Android based On-Street and Off-Street Parking Availability Prediction & Space Reservation	
613	460_ Smart Parking for College using RFID Technology	
614	461_ Design and Fabrication of Liquid Dispensing Machine Using Automatic Control for Engg Industry	
615	463_ Android - Implementation of Smart City Management System with Speech alert	
616	463_ SMART CITY AND MANAGEMENT - Parking, Disaster, Waste Management	
617	463_ SMART CITY MANAGEMENT - Traffic System, Ambulance & Street Light	
618	469_ Prototype Development of Monitoring System in Patient Infusion with Wireless Sensor Network	
619	471_ Android-GreenCharge Managing Renewable Energy in Smart Buildings	
620	472_ Multiple Account Automated Biometric Based Access in Automatic Teller Machine – ATM	
621	474_ Dual Axis Control and Remote Alignment of Dish Positioning by Android Application	
622	475_ An RFID based Smartphone Proximity Absence	
623	476_ Antismuggling System for Trees in Forest with Solar power generation	
624	479_ Wireless power theft, overvoltage and overload monitoring system And geyser automation	
625	481_ GPS based vehicle toll collection system	
626	485_ Alternate Energy from Busy Road for Development of Smart City - Thermal & Piezo	
627	485_ Alternate Energy from Busy Road for Development of Smart City	
628	486_ Android Based Deadly School Van Monitoring System with Speech Alert	
629	487_ Android-Design and Development of an Authentication Device for Examination using Fingerprints	
630	489_ Biometric and Laser Based Safe Locker Security System	
631	490_ Android - Design and Implementation of Automated Blood Bank using Embedded Systems	
632	491_ Research and Design of Embedded Timber Drying Monitoring System	
633	498_ Design And Implementation Of Driverless Car To Recognize Traffic Signs Using MATLAB And Android Device IP Camera	

ROBOTICS

634	480_AmbuBot - Robotic Automated External Defibrillator Ambulance for Emergency Medical Service in Smart Cities
635	46_Gesture and Speech based wheel chair control for physically challenged person using Android Bluetooth technology
636	453_Automated Waste Segregator
637	189_Conveyor System Automated Restaurant Management System
638	87_Bluetooth embedded robotic agriculture plowing, seeding and grass cutting powered by solar energy
639	468_Pot hole detection sensor robot notifying its location to the local authority via android
640	249_Automatic and intelligent car motion
641	223_Automated Book Picking Robot for Libraries
642	189_Robotic automated food service provider is hotel with android based individual menu system
643	214_Android - Design of an Intelligent Combat Robot for war field
644	249_Unmanned autonomous vehicle control
645	46_Speech based wheel chair control for physically challenged person using Android Bluetooth technology
646	192_MAZE ROBOT
647	87_BlueTooth embedded robotic lawn mover powered by solar energy
648	164_IOT Based Multi Function War Assistance Robot
649	110_Embedded LAND ROVER with Sensor Interface with ZigBee Technology
650	114_Flex & Acceleration used Hand Gesture control of Robot with MP3 Voice output
651	114_Hand Gesture based Robot control with Pick and Place Operation using Accelerometer
652	145_multicontrol_robot
653	169_Two Axis Based Solar Tracking for Power Conservation in Irrigation System
654	173_Industrial Conveyor Batch Counter for Packing Automation
655	87_Seed Sowing Plowing and Waste Grass Cutting Robot with Android Application

BIOMEDICAL & MEDICAL APPLICATIONS

656	403_Android based Monitoring Human Knee Joint Movement Using Wearable Computing
657	478_Embed_Rapid Entire Body Postural Analysis Assessment Device for Computer Operators
658	266_Operation Theatre Automation & Control (OTAC)
659	180_Android - Electronic Stick and Android Smartphones to the Aid of Blindly Disabled Individuals
660	92_Android based patient monitoring in hospitals and old ages at home
661	109_IOT and E Glove based nurse calling system
662	180_Ultrasonic Haptic Vision System For Blindly Disabled Individuals
663	185_Accessible Electronic Interaction for People with Partial Paralysis
664	185_Head movement based wireless communication with speech alert for Paralyzed Person
665	270_NICU Monitoring
666	495_Android based Novel Low-Cost Sensor for Human Bite Force Measurement
667	46_Gesture and Speech based wheel chair control for physically challenged person using Android Bluetooth technology
668	444_ANY TIME MEDICINE
669	403_Android based Monitoring Human Insole Movement Using Wearable Computing
670	446_Elderly person Activity Tracking Application using Android Smartphone
671	495_Matlab based Novel Low-Cost Sensor for Human Bite Force Measurement
672	478_Android_Rapid Entire Body Postural Analysis Assessment Device for Computer Operators
673	46_Speech based wheel chair control for physically challenged person using Android Bluetooth technology
674	180_Embedded- Electronic Stick for Vision Control of Pre-defined Area with FN-M16P Module Voice Alert

AGRICULTURE & IRRIGATION

675	454_IOT Ayurvedic Medicine Beetel Leaf Vine Cultivation using IoT & Wireless Sensor Network
676	87_Bluetooth embedded robotic agriculture plowing, seeding and grass cutting powered by solar energy
677	87_Seed Sowing Plowing and Waste Grass Cutting Robot with Android Application
678	454_IOT Ayurvedic medicine Tulasi, Mint, Turmeric Land Farming with IoT & Wireless Sensor Network
679	458_Crop Leaf Area Index Observations with a Wireless Sensor Network and Its Potential for Validating Remote Sensing Products
680	87_BlueTooth embedded robotic lawn mover powered by solar energy

SECURITY SYSTEM, BIOMETRICS

681	1_Invisible Eye – An advanced Security System Using Web Camera
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CAN PROTOCOL

682	464_Design & Implementation of Smart City Using Controlled Area Network Protocol for Controlling Purpose
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683	466_ CAN based control unit for a Novel Reconfigurable Micro grid Architecture with Renewable Energy Sources
684	425_ Vehicle Control for Pedestrians Safety Using CAN Protocol For Implementing the Intelligent Braking System
685	63_ CAN Test Analyzer for quality testing in Automobile Production Plant with Authorized Report Generation
686	249_ Co-Operative Adaptive Cruise Control (CACC) Based On CAN Protocol Using Microchip
687	425_ Vehicle Control Using CAN Protocol For Implementing the Intelligent Braking System

B.E, M.E VLSI PROJECT TITLES LIST

688	Comparative Study on Performance of Single Precision Floating Point Multiplier using Vedic Multiplier and different types of Adders
689	Programmable MISR modules for Logic BIST based VLSI testing
690	Design and Analysis of the high speed AES using Ancient Vedic Mathematics Novel Approach
691	Low Power BIST based Multiplier Design and Simulation using FPGA
692	Performance of Low Power BIST Architecture for UART
693	Design of a Hummingbird Crypto Core Implementing BIST Technique
694	A Review On Power Optimized TPG Using LP-LFSR for Low Power BIST
695	Design of less time delay Multiplier using Vedic mathematics
696	Performance analysis of multiplication operation based on Vedic mathematics
697	Design of an Efficient Multiplier Using Vedic Mathematics and Reversible Logic
698	Division Operation based on Vedic mathematics.
699	RTL Implementation and Analysis of Fixed Priority, Round Robin, and Matrix Arbiters for the NoC's Routers
700	Design and Implementation of High Speed Reconfigurable NoC Router
701	Design of Efficient NOC Router for Chip Multiprocessor
702	A Novel Architecture of Bidirectional NoC router Using Flexible buffer
703	Constructing Key Dependent Dynamic S-Box for AES Block Cipher System
704	Efficient Dynamic Virtual Channel Organization and Architecture for NoC Systems
705	Design and Implementation of Area-Efficient and Low-Power Configurable Booth-Multiplier
706	ElastiStore: Flexible Elastic Buffering for Virtual-Channel-Based Networks on Chip
707	Shield: A Reliable Network-On-Chip Router Architecture for Chip Multiprocessor
708	In-Field Test for Permanent Faults in FIFO Buffers of NoC Routers
709	A Methodology for Cognitive NoC Design
710	A Practical NoC Design for Parallel DES Computation
711	Iterative Architecture AES for Secure VLSI based System Design
712	VLSI Design of High Speed Vedic Multiplier for FPGA Implementation.
713	AES block cipher implementations with AMBA-AHB interface
714	Various Arbitration Algorithm for On-Chip(AMBA) Shared Bus Multi-Processor SoC
715	Design of AXI bus interface modules on FPGA
716	Finite State Machine based Arbiter for on chip Communication Architecture
717	Multi-Master Bus Interface Design using Efficient Lottery Bus Arbiter
718	Dynamic Virtual Channel and Index-based Arbitration based Network on Chip Router Architecture
719	Reducing FIFO Buffer Power Using Architectural Alternatives at RTL
720	A Holistic comparison of static VC Allocation versus Dynamic VC Allocation Based NoC Routers.
721	A comparative Study of Input Port and Crossbar Configurations in NoC Router Microarchitectures.
722	FPGA Implementation of an Efficient Router Architecture Based DMC.
723	Design and Implementation of High Speed Reconfigurable NoC Router.
724	FPGA Based Design of Area Efficient Router Architecture for Network on Chip (NoC).
725	Efficient Network on Chip (NoC) using heterogeneous circuit switched routers.
726	A Simple and Reliable System to Detect and Correct Setup/Hold Time Violations in Digital Circuits
727	Carry Speculative Adder with Variable Latency for Low Power VLSI
728	Design and Implementation of Area-Efficient and Low-Power Configurable Booth-Multiplier
729	Design of low power based VLSI architecture for constant multiplier and high speed implementation using retiming technique
730	Digital LDO with Time-Interleaved Comparators for Fast Response and Low Ripple
731	Energy-Efficient VLSI Realization of Binary64 Division With Redundant Number Systems
732	Interlaced Partition Multiplier
733	Iterative Architecture AES for Secure VLSI based System Design
734	Low Cost VLSI Architecture for Sample Adaptive Offset Encoder in HEVC
735	Low-Cost High-Performance VLSI Architecture for Montgomery Modular Multiplication

736	Network-on-Chip for Turbo Decoders
737	Seamlessly Pipelined Shift-and-Add Circuits Based on Precise Delay Analysis and Its Applications
738	VLSI Design of High Speed Vedic Multiplier for FPGA Implementation



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