



# IGEEKS Technologies

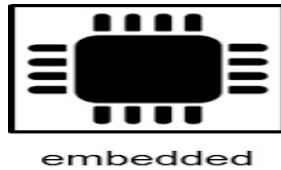
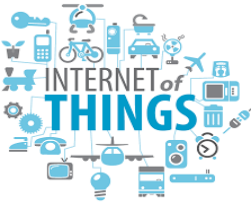
Bridging Technology.

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

IEEE

REAL TIME PROJECTS & TRAINING GUIDE  
SOFTWARE & EMBEDDED

HPE COC TRAINING CENTER



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



**PROJECT TITLES FOR ACADEMIC YEAR 2017 - 2018**

#19, MN Complex, 2<sup>nd</sup> Cross, Sampige Main Road, Malleswaram, Bangalore - 560003  
Call Us: 7019280372/9590544567 / 9739066172, [www.makefinalyearproject.com](http://www.makefinalyearproject.com)  
[www.igeekstechnologies.com](http://www.igeekstechnologies.com) Land Mark: Opposite Joyalukkas Gold Showroom, Near to Mantri Mall

# HPE COC TRAINING PROGRAMMS:

IGEEKS, providing quality, industry oriented programs are at forefront of our motto. Our training programs are among the most sought after by the industry which is offered to both experienced and fresher's alike. We strive to bring the latest and advanced courses to our students in order to equip them with the most sought after skill-sets required by the industry. In our quest for offering quality, industry ready skills for our students, we are proud to announce that we are now an Authorized delivery partner for Hewlett Packard Enterprise (HPE). With us collaborating with our esteemed partner HPE, we now offer top of the class, industry oriented and HPE certified courses to our students to make them industry ready on completion of a course from a wide variety of HPE certified programs. These courses are available to fresh graduates as well as experienced candidates.

Here's a cursory glance at some of the courses offered by HPE across key Indian cities - Programming Techniques using 'C', PHP, VLSI, VHDL & PCB Design, Data Structure using C Language, Core Java, J2EE - Hibernate with Spring Framework, J2EE - Struts with Hibernate Framework, Android, ASP.NET With C#, Embedded & Robotics-Basics & Advanced, ARM, Linux Administration with Scripting, Networking concepts with security.

The advantages of our HPE certified programs are:

- ✓ Programs delivered by certified professionals by HPE.
- ✓ Certification directly by HPE is globally recognized with no refreshing period.
- ✓ Curriculum designed by industry experts from HPE. Thereby providing training in latest technologies.
- ✓ Adds significant weight age to a candidates' profile, enhancing their career prospects.
- ✓ Every student would be given HPE courseware, notepad and pen along with an online examination voucher.
- ✓ Certificate would be issued after he/she successfully completes the assessment exam.

If you require any further information regarding the courses, feel free to contact US: Malleswaram/JayaNagar-9739066172.



**Android**



**Asp.net With C#**



**Big Data-Programming&Development**



**Core Java**



**Core Java with Android**



**Embedded & Robotics Basics and Advanced**



**J2EE-Struts with Hibernate Framework**



**PHP with WordPress**

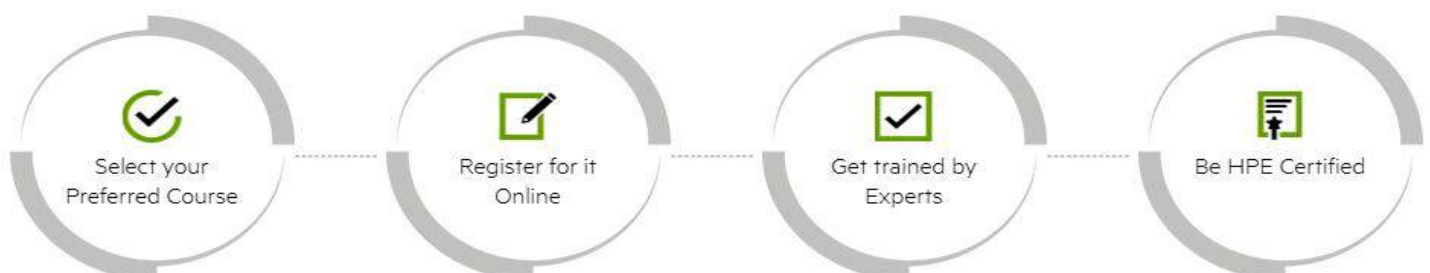


**Programming Techniques Using C and C++**



**VLSI VHDL & PCB Design**

## Be HPE Certified



S.No	PROJECT TITLES (2017-2018)
DIPLOMA ELECTRONICS/ ELECTRICAL PROJECT TITLES	
1	313_E Glove- Palm and Fingerprint Sensor Gesture Based for Pick and Place Remotely Using RF Transmitter and Receiver
2	315_Solar Powered House and Transmitting the Extra Power to The Government Mains
3	317_Tracking and Information Gathering System Using GPS and GSM Technology
4	318_Satellite and RF Enabled Assistance for Marine Navigation
5	319_Renesas Based Renewable Energy - 12V DC Power Generation Using Back EMF & Solar for LED Load
6	321_Bird - Solar Powered Irrigation with Auto Control of Pump & SMS Alert
7	321_Solar Powered Irrigation with Auto Control of Pump & SMS Alert
8	324_A Zigbee Based Monitoring and Protection System for Building Electrical Safety
9	325_Speech Based High Alert Building Automation and Security Alert Through Android with Earthquake Alert
10	326_Speech Based Control & Alert System for Senior Citizens Using Android Mobile
11	329_Coin Based Universal Mobile Battery Charger Using Solar Panel
12	329_Coin Based Universal Mobile Battery Charger, Purified Drinking Water with Emergency Alert System
13	329_Coin Based Universal Mobile Battery Charger
14	332_Monthly Toll Pass & Pre-Paid Toll Gate for Fast Transaction
15	343_A Review On Design of Automated Floor Cleaning System
16	343_Autonomus Cleaning Robot
17	346_Automatic Dim & Dipper for Automobiles
18	87_Bluetooth Embedded Robotic Agriculture Plowing, Seeding and Grass Cutting Powered by Solar Energy
19	348_PC Based Multiple Sensor Tester for Industrial Production
20	350_GPS Based Child Tracking with Server & SMS Alert to Parents
21	356_Rotating Solar System for Automobiles with Boost & Charge Control
22	357_Eye-Blink Control to Navigate a Wheel Chair of a Paralyzed Individual
23	362_Human Detection in Natural Disaster Using Android Technology
24	366_A_MEMS Accelerometer Sensors Based Semi-Automated Rash Driving
25	366_IOT Based Semi-Automated Rash Driving Detection by Using Accelerometer Sensors
26	366_MEMS Accelerometer Sensors Based Semi-Automated Rash Driving & Traffic Signal Jump Detection Unit
27	366_Rash Driving Detection and Collision(Accident) Avoidance System with Steering Controlled Headlight Mechanism of Vehicles.
28	367_Physical Activity and Behaviour Recognition of One-Two Year Old Child with Real Time Data Collection for Doctors Observation
29	368_Centralized LPG Cylinders Theft Detection System with Security Alerts
30	371_Health @ Home – Remote Monitoring of Vital Signs
31	372_Implementation of The Driver Drowsiness Detection System
32	373_Energy Efficient LED Lighting System For Commercial Purpose
33	374_Automated System in Public Places Having Multiple Applications
34	375_Remote Control System of High Efficiency and Intelligent Street Lighting Using Android Server
35	376_ER Lock - Intelligent Anti-Theft Tracking and Accident Detection System for Automobiles Based On IOT
36	377_Automatic Steering Controlled Fog Lamps
37	379_Designing A Complete Vehicle Immobilization System Integrated with A Personalized Alert Mechanism
38	87_Bluetooth Embedded Robotic Lawn Mover Powered by Solar Energy
39	87_Seed Sowing Plowing and Waste Grass Cutting Robot with Android Application
40	380_(Only GSM) _Electricity Energy Unit Limits Per Sqft Land – Resource Management Responsibility Per Family
41	380_Theft_Electricity Energy Unit Limits Per Sqft Land – Resource Management Responsibility Per Family
42	381_Android - Gesture Based Email Access and Voice Command for Blind and Dumb
43	381_Hand Gesture Based Communication for Military and Patient Application
44	381_Real Time Communication Between Dumb, Deaf and Blind People Using Voice & Gesture with Android
45	382_Online Monitoring of Geological CO2 Storage and Leakage Based On Wireless Sensor Networks
46	390_Embedded System Based Eye Movement & Gesture Based Communicating for Paralyzed Person
47	391_Passenger BUS Alert System for Easy Navigation of Blind
48	391_Passenger BUS Alert System for Easy Navigation with Speech Recognition
49	391_Speech Recognition Based Passenger Bus Alert System for Senior Citizens
50	396_Low Power Wireless Sensor Network for Building Monitoring



51	396_Micro-Electronics Methodology for Automation of Factory Using Integrated Networks On a Wireless Media
52	397_Design and Development of Fall Detector Using Fall Acceleration
53	398_Intelligent Radio Frequency Identification Technology in Academic Management System
54	400_Design of an Environmental Monitoring for Applications
55	401_Heavy Vehicle Alert & Intimation System for Traffic Police Using Load Sensor Using GSM
56	402_Bridge Condition Monitoring System Using Wireless Network
57	402_IOT Based Structural Health Monitoring of Flyovers
58	403_Android Based Monitoring Human Insole Movement Using Wearable Computing
59	403_Android Based Monitoring Human Knee Joint Movement Using Wearable Computing
60	404_Android Application Voice Output Based Anti-Fuel Theft System for Vehicles with Alarm
61	404_Central Locking Control Using Android Application with Fuel Theft Voice Alert
62	404_Headlight Central Locking Control Using Android Application with Fuel Theft Voice Alert
63	404_Rash Drive - Central Locking Control Using Android Application and Rash Driving Monitoring
64	404_RFID Central Locking Control Using Android Application with Fuel Theft Voice Alert
65	405_(Motor)Intelligent Food Management System-Maintenance of Agro and Non-Agro Foods in Cold Storage Warehouse
66	406_An Environmental Pollution Detection Systems in Automobiles Using Control System Automation with Renesas RL78
67	407_Fire Avoidance and Electric Circuit Breaker System in Train Along with Alerting Approaching Station
68	408_Pedestrians Safety, Anti Acceleration and Image Indication of Highway Sign Board with Speech Alert
69	416_Automatic Ration Material Distributions Based On GSM and Finger Print Scanner Technology
70	416_Monthly Glossary Distribution System Based On Family Members Count Using RFID as Unique ID Card
71	417_Advanced Passenger Security System for Radio Cabs with Video Transmission and Enhanced System Security with Biometric Module
72	418_IOT-An Internet-Of-Things Enabled Connected Navigation System for Urban Bus Riders
73	421_Missile Detection and Automatic Destroyer System
74	422_On_Road Real Time Vehicle Emission CO2 Level Threshold Inspection with Email Alert Dotnet
75	423_Airport Baggage Conveyor and Voice Notification Using Android Technology
76	424_Wirless Communication, Monitoring and Security System Embedded Safety Helmet for Real Time Applications
77	429_Substation Phase Controller for Automatic Load Shedding with Overload Alert
78	431_Underground Cable Fault Detection and Alert with Voice Commands Using FN-M16P.
79	435_IEEE_A System for Automatic Notification and Severity Estimation of Automotive Accidents
80	437_E-Cradle for Infant Care with Android Speech Alert for Dangerous Conditions
81	438_Women Anti Rape Belt
82	439_Fault Analysis and Electrical Protection of Distribution Transformer with FN-M16P MP3 Unit
83	440_An Embedded System and RFID Solution for Transport Related Issues
84	442_Enhancing Coal Mine Safety with Wireless Sensor Networks Using Bluetooth Technology
85	443_Android_Robust Railway Crack Detection Scheme (RRCDS) Using LED-LDR Assembly
86	443_Robust Railway Crack Detection Scheme (RRCDS) Using LED-LDR Assembly
87	444_ANY TIME MEDICINE
88	445_Automatic Transformer Load Sharing System with SMS Altering
89	445_GSM Based Power Sharing of Transformer with Automatic Load Shedding System
90	449_Design and Development of Object Recognition and Sorting Robot for Material Handling in Packaging and Logistic Industries
91	452_Controlling of Electrical Devices with Automatic Active Phase Selector
92	452_Remote Monitoring and Controlling of Electrical Devices with Automatic Active Phase Selector
93	453_Automated Waste Segregator
94	459_Android - An Approach for Monitoring and Smart Planning of Urban Solid Waste Management
95	459_Garbage and Street Light Monitoring System with Automatic Door Mechanism
96	459_IOT Based Garbage and Street Light Monitoring System
97	459_IOT Based Monitoring and Smart Planning of Urban Solid Waste Management
98	460_Smart Parking for College Using RFID Technology
99	463_Android - Implementation of Smart City Management System with Speech Alert
100	463_SMART CITY AND MANAGEMENT - Parking, Disaster, Waste Management
101	463_SMART CITY MANAGEMENT - Traffic System, Ambulance & Street Light
102	468_Pot Hole Detection Sensor Robot Notifying Its Location to The Local Authority Via Android
103	469_Prototype Development of Monitoring System in Patient Infusion with Wireless Sensor Network

104	472_Multiple Account Automated Biometric Based Access in Automatic Teller Machine – ATM
105	473_A Novel Ground Fault Non-Directional Selective Protection
106	473_Earth Fault Relay for Single Phase System
107	474_Dual Axis Control and Remote Alignment of Dish Positioning by Android Application
108	475_An RFID Based Smartphone Proximity Absence
109	476_Antismuggling System for Trees in Forest with Solar Power Generation
110	478_Android_Rapid Entire Body Postural Analysis Assessment Device for Computer Operators
111	478_Embed_Rapid Entire Body Postural Analysis Assessment Device for Computer Operators
112	479_Iot Based Smart Geyser Automation Wrt Environment Condition to Save Electricity
113	479_Wireless Power Theft, Overvoltage and Overload Monitoring System and Geyser Automation
114	480_Ambubot - Robotic Automated External Defibrillator Ambulance for Emergency Medical Service in Smart Cities
115	480_Multipurpose Ambubot With Disaster and Fire Extinguish Management
116	482_Solar Powered Electric Vehicle Charging Station
117	485_Alternate Energy from Busy Road for Development of Smart City - Thermal & Piezo
118	485_Alternate Energy from Busy Road for Development of Smart City
119	486_Android Based Deadly School Van Monitoring System with Speech Alert
120	487_Android-Design and Development of an Authentication Device for Examination Using Fingerprints
121	489_Biometric and Laser Based Safe Locker Security System
122	490_Android - Design and Implementation of Automated Blood Bank Using Embedded Systems
123	491_Research and Design of Embedded Timber Drying Monitoring System
124	3_Implementing Peripherals Using 32-Bit ARM UC
125	7_Implementing Peripherals Using 8051 UC
126	8_Temperature and Humidity Control Sys Using GLCD and ARM
127	21_Android Based Sign Board Detection With Image & Voice Alert System
128	21_Application Of RF Technology To Solve Traffic Signal Scheduling By Monitoring The Vehicle Intensity In The Particular Road
129	21_Automatic Highway Signaling System Along With Speed Controlling And Alcohol Detection
130	29_IR Based Walking Stick For Blind
131	32_SMS Based Notice Board Using GSM and ARM
132	39_Fire Sensing Robot
133	45_GSM Based LED Notice Board
134	46_Gesture And Speech Based Wheel Chair Control For Physically Challenged Person Using Android Bluetooth Technology
135	46_Speech Based Wheel Chair Control For Physically Challenged Person Using Android Bluetooth Technology
136	46_Voice Based Navigation Robot
137	50_A_Automatic Toll Collection Using GSM and RFID
138	50_Airport Electronic Passport System and Toll Collection System Using RFID Technology
139	50_Toll Collection System Using RFID
140	51_Metal Detecting Robot
141	52_Pick And Place Robot
142	54_Automatic Irrigation System
143	58_A_RFID Based ATM Machine
144	58_Rfid Based Voting Machine
145	61_Car Automation
146	62_Fire Sensing Robot With RF And Alarm
147	64_Dialy SMS Report Based Prepaid & Postpaid Energy Meter
148	64_Dialy SMS Report Based Prepaid Energy Meter
149	65_Laser Based Assert Monitoring System
150	69_Single Axis Solar Panel Controller And Power Optimization
151	73_Automatic Control Of Students Attendance In Classrooms Using RFID Based On SMS Request
152	73_Student Attendance Management System
153	75_Sms Based DC Motor Speed Control
154	76_Sms Based AC Motor Speed Control
155	77_Simple Radar System With Border Security System
156	80_Wireless Transformer Parameter Measurement And Protection
157	81_Earthquake Disaster Rescue Robot

158	82_Sms Based Notice Board Using GSM & LCD With Period Bell
159	83_Intelligent Energy Saving System In Libraries
160	84_Street Light Power Saver
161	89_Remote Airfield Lighting System
162	92_Android Based Patient Monitoring In Hospitals And Old Ages At Home
163	102_Black Box Implementation For Vehicle
164	106_Planet Rover Using RF
165	109_IOT And E Glove Based Nurse Calling System
166	110_Embedded LAND ROVER With Sensor Interface With Zigbee Technology
167	114_Flex & Acceleration Used Hand Gesture Control Of Robot With MP3 Voice Output
168	114_Hand Gesture Based Robot Control With Pick And Place Operation Using Accelerometer
169	122_Hitech Jail
170	125_Zigbee Wireless Power Management Unit For Energy Meter
171	126_Automatic Railway Gate Controller Depends On Train Speed
172	133_Detection And Monitoring Co And Temperature In Automobiles
173	139_Automatic Street Light Sensor With SMS Error Report
174	145_Multicontrol_Robot
175	147_A_Pc Controlled Robot Using Zigbee With Temperature Detection
176	148_Patient Monitoring System For Body Temperature And Heart Rate With SMS Alert
177	151_Design And Implementation Of Pyroelectric Infrared Sensor Based Security System
178	157_RF Controlled Vehicle For Disabled People With Obstacle & Fire Detection
179	160_A Review On Industrial Automation By Radio Frequency Based Wireless Remote Controller Using RENESAS RL78
180	164_Iot Based Multi-Function War Assistance Robot
181	165_Bluetooth Based Embedded System Design For Industrial Control
182	165_Design And Construction Of Microcontroller Based Wireless Remote Controlled Industrial Electrical Appliances Using Zigbee Technology
183	165_Intelligent Remotely Device Controlled System For Industrial Electrical Appliances Through Zigbee Wireless Networks
184	169_2 Axis Stepper Motor Control For Solar Panel With Power Optimization
185	169_Two Axis Based Solar Tracking For Power Conservation In Irrigation System
186	173_Industrial Conveyor Batch Counter For Packing Automation
187	180_Android - Electronic Stick And Android Smartphones To The Aid Of Blindly Disabled Individuals
188	180_Embed - Electronic Stick For Vision Control Of Pre-Defined Area With FN-M16P Module Voice Alert
189	180_Ultrasonic Haptic Vision System For Blindly Disabled Individuals
190	184_Automatic Speed Breaking Systems For Vehicles
191	185_Accessible Electronic Interaction For People With Partial Paralysis
192	185_Head Movement Based Wireless Communication With Speech Alert For Paralyzed Person
193	189_Conveyor System Automated Restaurant Management System
194	189_Robotic Automated Food Service Provider Is Hotel With Android Based Individual Menu System
195	194_Microcontroller Based Auto College Bell With Speaker Announcement
196	195_Evidence Collection In Automotive Industry For Legal Claim – Min
197	195_Evidence Collection In Automotive Industry For Legal Claim
198	197_Automatic Shuttling Of Metro Train Between Stations
199	200_IEEE_IOT-Intelligent Smart Traffic Management For Ambulance Using RFID
200	200_Implementing Intelligent Traffic Control System For Congestion Control, Ambulance Clearance, And Stolen Vehicle Detection
201	201_Integrated And Automated Vehicle Bay Arrangement System To Avoid Congestion In A Public Parking Area
202	207_Demand Side Load Management Of Smart Grids Using Intelligent Trading Metering Billing
203	210_Real Time Automation In Paddy Field With Security
204	211_Fault Detection And Correction Of AC Motor
205	211_Fault Detection And Correction Of DC Motor
206	214_Android - Design Of An Intelligent Combat Robot For War Field
207	215_Automatic Visitor Count With Room Light Control
208	220_Customised Wireless Sensor Node To Detect Hazardous Gas Pipeline Leakage
209	223_Automated Book Picking Robot For Libraries
210	226_Design Of Landslide Warning System

211	228_Android & Bluetooth Based Voice Controlled Wireless Smart Home System
212	228_Android Based Home Automation Using Gsm
213	228_IOT-HIVE Home Automation System For Intrusion Detection
214	228_Voice Based Home Automation Using Android Technology
215	238_An Automatic Embedded Toll Plaza With Document Verification And Speed Detection System
216	240_Wireless Power Theft, Overvoltage And Overload Monitoring System
217	243_GSM Based Airport Automation
218	249_Automatic And Intelligent Car Motion
219	249_Unmanned Autonomous Vehicle Control
220	256_Aadhar Card Based Biometrics Electronic Voting System With Embedded Security Along With Remote Access
221	256_Biometrics Using Electronic Voting System With Embedded Security Along With Remote Access And Threaten Alert To Election Board
222	257_Design And Implementation Of A Power Converter For Electric Bike With Charging Feature
223	263_Secured Wireless Communication For Industrial Automation And Control
224	266_Operation Theatre Automation & Control (OTAC)
225	268_Wireless Intelligent Billing Trolley For Shopping Malls Using Zigbee And RFID
226	270_Nicu Monitoring
227	271_Accessible Display Design To Control Home Area Networks
228	271_Intelligent Wireless Connectivity Within An Internal Home Network Using Renesas RL78 Microcontroller
229	275_Wireless Speed Control Of Single Phase AC Induction Motor
230	276_GSM Based Industrial Disaster Intimation Control System (GIDICS)
231	281_GPS Based Virtual Fencing
232	284_IEEE_Terrian Mapping - Towards Automated Map Updating For Mobile Robot Localization
233	285_Train Collision Avoidance Using Vibration Sensor & Micro-Controller
234	294_Attitude And Heading Reference (AHRS) System For Aerospace Application
235	298_Density Based Traffic Signal Control & Intelligent Ambulance For City Traffic With Zigbee Communication





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For more information, please contact:  
**9739066172**  
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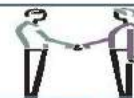


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# IGEEKS Technologies

Bridging Technology.

## Head Office:

**No.1 Rated company in Bangalore for all software courses and Final Year Projects**

### IGEEKS Technologies

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## Partners Address:

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Landmark: Near bashyam circle.

### JAYANAGAR:

No 346/17, Manandi Court,  
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Jayanagar 3rd Block East,  
Bangalore - 560011, Near BDA Complex.

More than 12 years' experience in IEEE Final Year Project Center, IGEEKS Technologies Supports you in Java, Dotnet, Image Processing, Embedded, VLSI, MATLAB, Power Electronics, Power System Technologies.

**For Titles and Abstracts visit our website [www.makefinalyearproject.com](http://www.makefinalyearproject.com)**

# For HPE COC Training Programmes

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