



**SPIRO**  
SOLUTIONS PVT LTD

**EMBEDDED**  
**(Consumer Electronic)**  
**PROJECT TITLE 2017 - 2018**

## **CONSUMER ELECTRONIC**

<b>S.NO</b>	<b>PROJECT CODE</b>	<b>PROJECT TITLES</b>	<b>YEAR</b>
1	ITCE01	Design of a Portable Smart Connected Solar Powered Charger for Consumer Electronics	2017
2	ITCE02	Detection and Tracking of Overtaking Vehicle in Blind Spot Area at Night Time	2017
3	ITCE03	IoT Smart Bell Notification System: Design and Implementation	2017
4	ITCE04	A Speed Compensation Algorithm for a Head Tilts Controller Used for Wheelchairs and Rehabilitation Applications	2017
5	ITCE05	Fingerprints in the Air: Unique Identification of Wireless Devices using RF RSS Fingerprints	2017
6	ITCE06	A Wireless Sensor Network Based Low Cost and Energy Efficient Frame Work for Precision Agriculture	2017
7	ITCE07	Anti-theft Protection of Vehicle by GSM & GPS with Fingerprint Verification	2017
8	ITCE08	Advance Automatic Toll Collection & Vehicle Detection During Collision using RFID	2017
9	ITCE09	Real-Time Obstacles Detection and Status Classification for Collision Warning in a Vehicle Active Safety System	2017
10	ITCE10	Secure House: A Home Security System Based on Smartphone Sensors	2017
11	ITCE11	Abnormal Moving Vehicle Detection for Driver Assistance System in Night time Driving	2016
12	ITCE12	A mobile robot which can follow and lead human by detecting user and behavior wearable devices	2016

13	ITCE13	Blind User Wearable Audio As Assistance for Indoor Navigation Based on Visual Markers and Ultrasonic Obstacle Detection	2016
14	ITCE14	An Efficient Energy Monitoring Method Based on Bluetooth Low Energy	2016
15	ITCE15	Performance and Interoperability Evaluation of Radiofrequency Home Automation Protocols and Bluetooth Low Energy for Smart Grid and Smart Home Applications	2016

## Education Partners:



## Technologies and Domain used:

IEEE 2017, Java, J2ee, Android, Bigdata, Dot net, Arduino, Raspberry pi, IOT, Renewable, PHP, Embedded, Vlsi, Matlab, VB, Net working, Data Mining, Image Processing, Cloud Computing, Mobile Computing, Multimedia, Network Security, Soft Engg, Grid Computing, Automation, Robotics, Communication, RF, Zigbee, Blue tooth, GSM/GPS/GPRS, Power Electronics & Systems, Electrical, DSP, RTOS, Bio metrics, Civil, Analysis, Fabrication, Mechanical, CFD, FEA, etc.

## Features

- Latest 2017 IEEE, Science Direct, ACM based project concept and solutions.
- State of the art infrastructure, Innovative Project training methods.
- All our efforts are focused on students to meet industry requirements.
- Our environment is encapsulated with doctorates, professionals and other experts.
- Excellent Placements through our **Spiro HR Management Consultants (SMC) Pvt Ltd.**

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