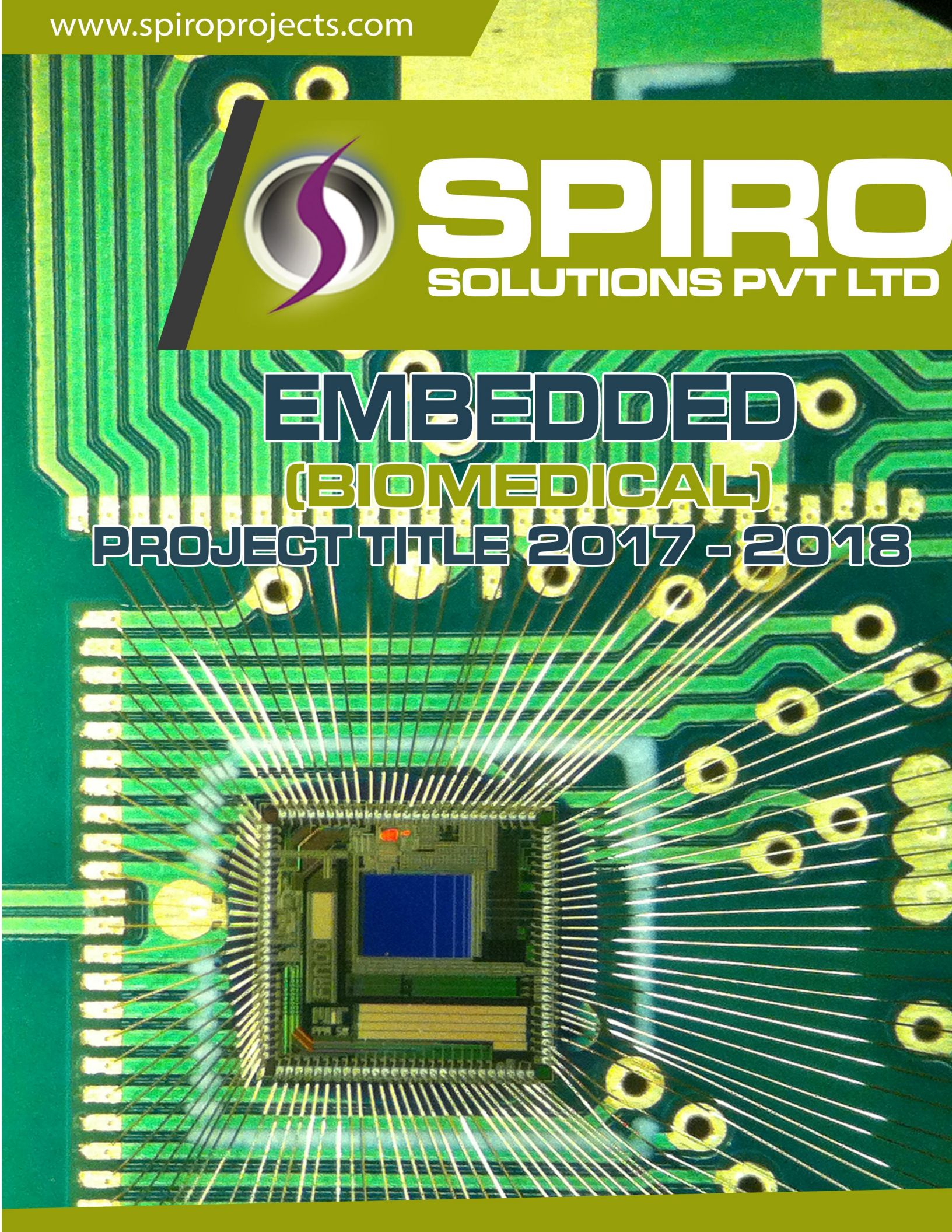




**SPIRO**  
SOLUTIONS PVT LTD

**EMBEDDED  
(BIOMEDICAL)  
PROJECT TITLE 2017 - 2018**



## **BIOMEDICAL**

<b>S.NO</b>	<b>PROJECT CODE</b>	<b>PROJECT TITLES</b>	<b>YEAR</b>
1	ITBIO01	A Low Cost Automated Fluid Control Device using Smart Phone for Medical Application	2017
2	ITBIO02	An IoT Based Remote HRV Monitoring System for Hypertensive Patients	2017
3	ITBIO03	Implementation of Energy Efficient/Lightweight Encryption Algorithm for Wireless Body Area Networks	2017
4	ITBIO04	Wearable Flexible Sensors: A Review	2017
5	ITBIO05	Body and Fall Detection System with Heart Rate Monitoring	2017
6	ITBIO06	Federated Internet of Things and Cloud Computing Pervasive Patient Health Monitoring System	2017
7	ITBIO07	Wearable Device for Increasing the Slow Wave Sleep Stage by Electro cutaneous Stimulation	2017
8	ITBIO08	A wireless continuous patient monitoring system for dengue:Wi-mon	2017
9	ITBIO09	A Speed Compensation Algorithm for a Head Tilts Controller Used for Wheelchairs and rehabilitation Applications	2017
10	ITBIO10	Elder Tracking and Fall Detection System using Smart Tiles	2017
11	ITBIO11	Auto Dietary: A Wearable Acoustic Sensor System for Food Intake Recognition in Daily Life	2016
12	ITBIO12	BSN-Care: A Secure IoT-based Modern Healthcare System Using Body Sensor Network	2016

13	ITBIO13	Sensing Method of Patient's Body Movement Without Attaching Sensors on the Patient's Body	2016
14	ITBIO14	Estimation of Circadian Body Temperature Rhythm based on Heart Rate in Healthy, Ambulatory Subjects	2016
15	ITBIO15	An Energy Efficient Sensor for Thyroid Monitoring through the IoT	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.**

## Branches:

### VELLORE

#257, Sapthagiri Complex, 2nd Floor  
Katpadi Main Road, Vellore - 632 007  
(Opp. Reliance Pertol Bunk)  
Mobile : 9176 620 620  
Email : vellore@spioprojects.com

### NAMAKKAL

No : 62/136, Thillaipuram Main Road,  
Paramathi Road, Namakkal  
Mobile : 9962 514 514  
Email : nkl@spioprojects.com

### TIRUNELVELI

991/1A3, 2nd Floor,  
M.G.Raaj Trade Park, South bye bass road,  
Nellai-627005. (Near New Bus Stand)  
Mobile : 9176 617 617  
Email : nellai@spioprojects.com

### MADURAI

#178, 2nd Floor, Vakil New Street,  
Simmakal, Madurai - 625 001  
Mobile : 9176 419 419  
Email : madurai@spioprojects.com

### PONDICHERY

20, 1st Floor, 2nd Cross, Natesan Nagar,  
Pondichery - 05. (Indra Gandhi Square)  
Mobile : 9176 694 694.  
Email : pondy@spioprojects.com

### COIMBATORE

#93, 1st Floor, Nehru Street,  
(Opp. to Senthil Kumaran Theaters)  
Ram Nagar, Coimbatore- 641 009  
Mobile : 9176 648 648  
Email : cbe@spioprojects.com

**Corporate Office:** SPIRO Solutions Pvt. Ltd #78, 3rd Floor, Usman Road,T.Nagar,  
Chennai-17. (Upstair Hotel Saravana Bhavan)Tamilnadu, India.

### For ECE, EEE, E&I, E&C, Mechanical, Civil, Bio-Medical:

Mobile : +91-9962 067 067, +91-9176 499 499  
mail: info@spioprojects.com

### For IT, CSE, MSC, MCA, BSC(CS), B.COM(cs):

Mobile: +91-9791 044 044, +91-9176 644 044  
E-Mail: info1@spioprojects.com,

**Website: [www.spioprojects.com](http://www.spioprojects.com).**