



SPIRO
SOLUTIONS PVT LTD

**DIGITAL
SIGNAL
PROCESSING**

PROJECT TITLE 2015 - 2016



MATLAB

TECHNOLOGY : MATLAB

DOMAIN : DIGITAL SIGNAL PROCESSING

S.NO	CODE	PROJECT TITLES	APPLICATION	YEAR
21	ITDSP01	FAIRNESS FOR NON-ORTHOGONAL MULTIPLE ACCESS IN 5G SYSTEMS	NOMA	2015
22	ITDSP02	SUM-RATE OPTIMAL NETWORK BEAMFORMING AND SUBCARRIER POWER ALLOCATION FOR MULTI-CARRIER SYNCHRONOUS TWO-WAY RELAY NETWORKS	MIMO-RELAY	2015
23	ITDSP03	MIMO-OTH RADAR: SIGNAL MODEL FOR ARBITRARY PLACEMENT AND SIGNALS WITH NON-POINT TARGETS	MIMO-OTH RADAR	2015
24	ITDSP04	LOW COST PRE-CODER DESIGN FOR MIMO AF TWO-WAY RELAY CHANNEL	MIMO-RELAY	2015
		TRANSCEIVER DESIGN FOR HYBRID ONE-WAY	RELAY	2014



25	ITDSP05	AND TWO-WAY RELAY NETWORKS		
26	ITDSP06	MIMO SYSTEMS WITH QUANTIZED COVARIANCE FEEDBACK	MIMO	2014
27	ITDSP07	INTERFERENCE ALIGNMENT WITH PARTIAL CSI FEEDBACK IN MIMO CELLULAR NETWORKS	MIMO	2014
28	ITDSP08	RANK-TWO BEAMFORMED SECURE MULTICASTING FOR WIRELESS INFORMATION AND POWER TRANSFER	MIMO	2014

Education Partners:



Technologies and Domain used:

IEEE 2014, Java, J2ee, Android, Dot net, 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, etc.

Features

- Latest 2014 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:

SALEM

5/5, Meyyanoor Bye-pass Road,
(Near New Bus Stand, way to ARRS Multiplex)
Salem - 636 009.
Mobile : 9176 615 615, 9176 613 613
Email : salem@spiroprojects.com

VELLORE

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

NAMAKKAL

89/1, Preethi Towers, Paramathi Road,
Namakkal - 01. (Opp. Kanna Super Market)
Mobile : 9962 514 514
Email : nkl@spiroprojects.com

COIMBATORE

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

TANJORE

#489, Gandhi Nagar, (Near New Bus Stand)
Trichy Main Road, (Opp. Sri Muthu Lodge)
Mobile : 9176 419 419
Email : kpuram@spiroprojects.com

THIRUVANATHAPURAM

#8, Kohinoor Flats, T.C. 25/2714,
Lukes Lane, Ambujavialsom Road
Pulimoodu, Thiruvananthapuram
(Behind KFC)
Mobile : 9176 512 512
Phone : 0471 - 4067831
Email : tvn@spiroprojects.com

PONDICHERY

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

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

#1, C.V.R Complex, Singaravelu St, T.Nagar, Chennai -600 017,(Behind BIG BAZAAR)
Mobile : 9962 067 067, 9176 499 499, Landline : 044-4264 1213
Email:info@spiroprojects.com, Website : www.spiroprojects.com, FB:www.facebook.com/spiroprojects

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

#78, 3rd Floor, Usman Road, T.Nagar, Chennai-17. (Upstair Hotel Saravana Bhavan)
Mobile: 9791 044 044, 9176 644 044, E-Mail: info1@spiroprojects.com.Website: www.spiroprojects.com