EMBEDDED
(AUTOMATION)
PROJECT TITLE 2015 - 2016
## SPIRO SOLUTIONS PVT. LTD.


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### TECHNOLOGY: EMBEDDED

### DOMAIN: AUTOMATION

<table>
<thead>
<tr>
<th>S.NO</th>
<th>PROJECT CODE</th>
<th>PROJECT TITLE</th>
<th>Applications</th>
<th>YEAR</th>
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<tr>
<td>1</td>
<td>ITAM01</td>
<td>Primary-Side Power Flow Control of Wireless Power Transfer for Electric Vehicle Charging</td>
<td>Energy management</td>
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<td>ITAM02</td>
<td>On Curve Negotiation: From Driver Support to Automation</td>
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<td>3</td>
<td>ITAM03</td>
<td>Energy Exchange Between Electric Vehicle Load and Wind Generating Utilities</td>
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<td>4</td>
<td>ITAM04</td>
<td>Multi objective Vehicle Routing Problems With Simultaneous Delivery and Pickup</td>
<td>Ambient Intelligence</td>
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<td>5</td>
<td>ITAM05</td>
<td>Diffraction-Compensating Coded Aperture for Inspection in Manufacturing (PIPE CRAWLING)</td>
<td>Power plant industries</td>
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<td>6</td>
<td>ITAM06</td>
<td>Energy-Efficient Control Strategies for Machine Tools With Stochastic Arrivals</td>
<td>Energy management</td>
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<td>An Automated Test Generation Technique for Software Quality Assurance</td>
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<td>Path-Constrained Motion Analysis: An Algorithm to Understand Human Performance on Hydraulic Manipulators</td>
<td>Super droid Robot</td>
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<td>A Practical Wireless Attack on the Connected Car and Security Protocol for In-Vehicle CAN</td>
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<td>Central Electric-Motoring-Assisted Handling Control System for Electrified Vehicles</td>
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<td>Detection of U.S. Traffic Signs</td>
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<td>12</td>
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<td>Designing Steering Feel for Steer-by-Wire Vehicles Using Objective Measures</td>
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<td>Constrained Global Path Optimization for Articulated Steering Vehicles</td>
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<td>17</td>
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<td>Automatic Detection of Squats in Railway Infrastructure</td>
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<td>18</td>
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<td>Receiver Autonomous Integrity Monitoring of GNSS Signals for Electronic Toll Collection</td>
<td>Automotive</td>
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<td>Guest Editorial Special Section on Building Automation, Smart Industry Robot</td>
<td>Super droid Robot</td>
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<td>Hand-Motion Crane Control Using Radio Frequency real-Time Location Systems</td>
<td>Super droid Robot</td>
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<td>An Iranian License Plate Recognition System Based on Color Features</td>
<td>Security System</td>
<td>2014</td>
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</tbody>
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Education Partners:

Technologies and Domain used:

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
Pullimoodu, Thiruvananthapuram
(Behind KFC)
Mobile : 9176 512 512
Phone : 0471 - 4067831
Email : tvm@spiroprojects.com

PONDICHERRY
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.Raj 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. (Upstairs Hotel Saravana Bhavan)
Mobile: 9791 044 044, 9176 644 044, E-Mail: info1@spiroprojects.com.Website: www.spiroprojects.com