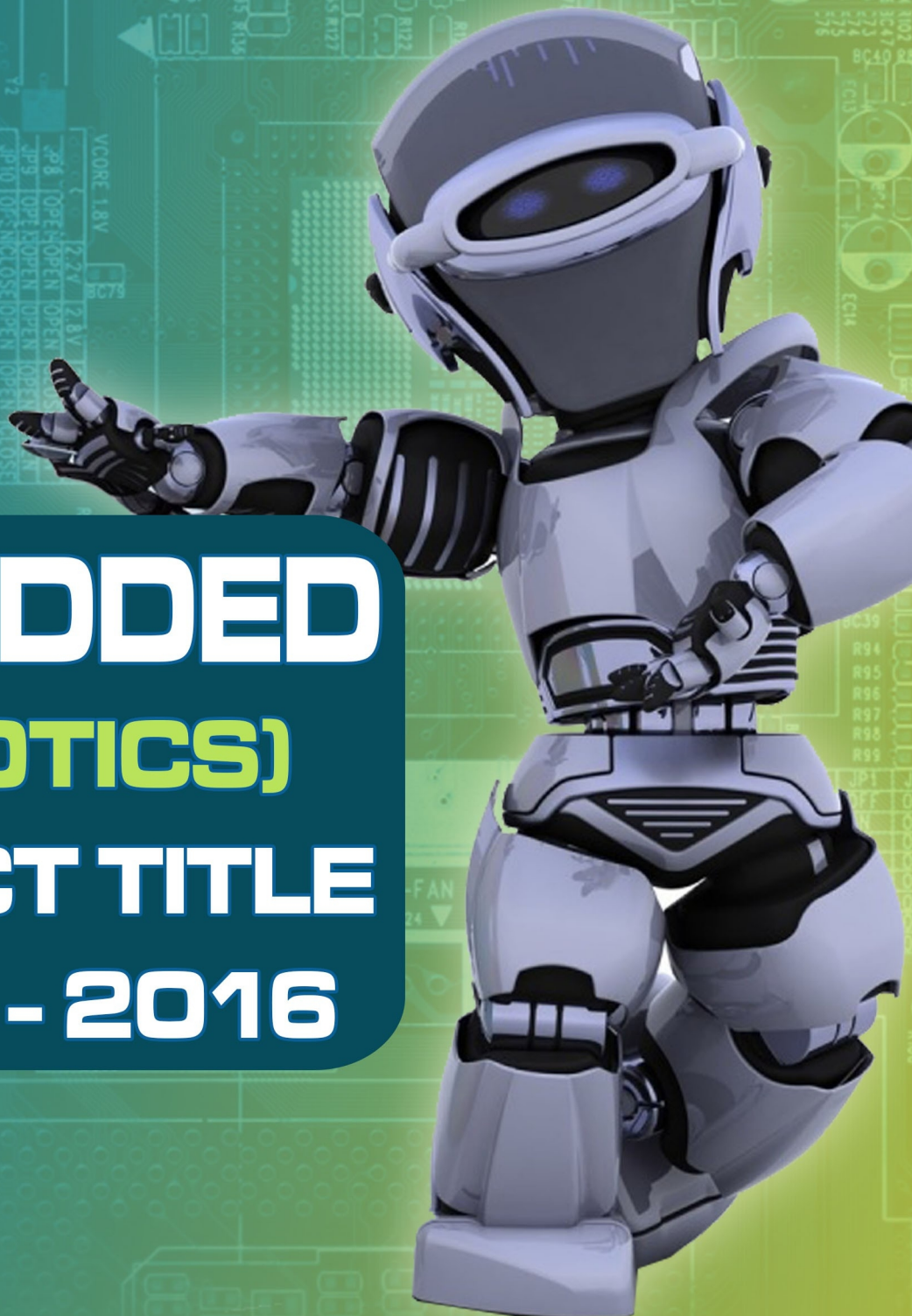




SPIRO

SOLUTIONS PVT LTD



EMBEDDED
(ROBOTICS)
PROJECT TITLE
2015 - 2016

EMBEDDED

Technology : Embedded

Domain : ROBOTICS

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
1	ITROB01	Online High-Precision Probabilistic Localization of Robotic Fish Using Visual and Inertial Cues	2015
2	ITROB02	A Sensor-Based Dual-Arm Tele-Robotic System	2015
3	ITROB03	High-Speed Automated Manipulation of Micro objects Using a Two-Fingered Micro hand	2015
4	ITROB04	Control of a Snake Robot for Ascending and Descending Steps	2015
5	ITROB05	Occlusion-Based Cooperative Transport with a Swarm of Miniature Mobile Robots	2015
6	ITROB06	Towards a New Modality-Independent Interface For a Robotic Wheelchair	2015
7	ITROB07	Human-Like Motion Generation and Control for Humanoid's Dual Arm Object Manipulation	2015
8	ITROB08	Robot Guided Crowd Evacuation	2015
9	ITROB09	Bio-inspired Group Modeling and Analysis for Intruder Detection in Mobile Sensor/Robotic Networks	2015
10	ITROB10	Efficient Road Detection and Tracking for Unmanned Aerial Vehicle	2015
11	ITROB11	A Robust Real-Time Vision System for Autonomous Cargo Transfer by an Unmanned Helicopter	2015
12	ITROB12	An Ultrasonic and Vision-Based Relative Positioning Sensor for Multi robot Localization	2015
13	ITROB13	Artificial Co-Drivers as a Universal Enabling Technology for Future Intelligent Vehicles and Transportation Systems	2015
14	ITROB14	Robust Control of a Miniature Ducted-Fan Aerial Robot for Blind	2015

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		Navigation in Unknown Populated Environments	
15	ITROB15	Effects of Vibrotactile Feedback on Human Learning of Arm Motions	2015
16	ITROB16	Wireless Underwater Mobile Robot System Based on Zigbee	2014
17	ITROB17	A Compact and Compliant External Pipe-Crawling Robot	2014
18	ITROB18	An Online Stair-Climbing Control Method for a Transformable Tracked Robot	2014
19	ITROB19	Probability-Based Location Aware Design and On-Demand Robotic Intrusion Detection System	2014
20	ITROB20	Towards a New Modality-Independent Interface For a Robotic Wheelchair	2014
21	ITROB21	A Study on Sinus-Lifting Motion of a Snake Robot With Sequential Optimization of a Hybrid System	2014
22	ITROB22	Mobile Robot Localization Using the Phase Of Passive UHF RFID Signals	2014
23	ITROB23	Vision-Based Robust Path Reconstruction For Robot Control	2014
24	ITROB24	Automatic lighting system using multiple Robotic lamps	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.**

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