

LAB FACILITIES

RFID AND SENSORS

HF Multifunctional reader with SDK, Ethernet connectivity and sample cards.
HF Mid range with external loop antenna, SDK and plain tags.
LF Handheld reader with SDK and LF transponder / tags
Active LRX 201 reader with (RS 485/232) LAN support, whip antenna (personnal tags,Key fob,Industrial housing) and software developmet kit.
HF R/W Mullion Reader with SDK (RS 232).
Mifare contact less RFID smart card Reader/Writer with 4k and 1k cards.
RFID with Base board with passive tags.
Advanced Design Systems (ADS) software with 5 user license
Wi-Fi Enabled Lab.
EXA Signal Analyzer (7GHZ) - N9010A
ESG Vector Signal Generator (6GHZ) - E4439C
Motorola UHF (MC 9090 -G) Handheld Reader.

EMBEDDED AND APPLIED COMPUTING

VxWorks 6.x & Workbench 2.x with Power PC BSP.
Power PC Development Board.
IAR Embedded Workbench IDE for ARM.
ARM 7 Development Board.
CAN Development Kit.
CAN Analyzer.
CAN to USB Converter.
I2C Interface Card.
JTRACE Emulator.
Universal PIC Embedded Trainer with 89c51, PIC 16F877 & PIC 18F452 Piggy Back.
TrioZ Tech 8051 Development Kit.
Superpro Z Universal Programmer.
Keil μ Vision2 IDE for 8051 family of Microcontrollers.
MICRO CHIP IDE with Code Composer Studio Compiler for PIC Microcontrollers.
The Arcom VIPER-Lite Development Kit (LINUX)

Code composer Studio IDE for Texas Instruments Target Processors
TMS320C5416 Advanced DSP Trainer kit
Xilinx Foundation ISE Series Software for VLSI Circuit Design and Development
Xilinx Spartan 3E FPGA Trainer Kit
Xilinx Add-on card for External peripheral interfacing

MOBILE & ADHOC SENSOR NETWORKS

Mote-Kit Micaz Mote-Kit 2400CB.
Mote-Kit MICA2 Mote-kit 400CC.
EMPIRE -3D Electromagnetic Simulation Software – 4 users license.
Agilent 34970A Data Acquisition/Switch Unit.
Agilent Mixed Signal Oscilloscope 6012A (100MHz).
Agilent 33220A Function Arbitrary Waveform Generator / 82357B GPIB- USB Converter.
Agilent E3631A Programmable DC Power Supply.
34401A Digital Multi Meter.
Agilent's Advanced Design System (ADS)- 2 users license.

MOBILE COMPUTING

Simputer Kits
Wi-fi access
Sun Micro system
GPRS and GPS Enabled phone
Simulation Softwares