



TIFAC-CORE in AUTOMOTIVE INFOTRONICS

@ VIT University

(Sponsored by Dept. of Science & Technology, Govt. of India)



CIRCULAR

TIFAC-CORE is conducting Certificate Program on *Embedded C and RTOS* from **11th January 2010** for the benefit of VIT Students. This program is to impart high end technical inputs and to acquire hands on exposure.

Course fee : **Rs 7,500/-**
Duration : **50 hrs** on 3 days in a week of 2hrs from 6.15 pm to 8.15 pm with refreshment

Students undergoing this program will be given preference to carryout Mini Projects, In-Plant Training and projects in TIFAC CORE.

Interested students can register their names along with DD in favor of **“TIFAC-CORE, VIT University”, Payable at Vellore on or before 10.12.09**. The number of participants is limited to Twenty Five (25) based on first come first serve.

- Introduction to Embedded Systems
- Applications of Embedded Systems on Automotive Domain
- Embedded C
- Advanced C – Accessing the System Hardware and Memory Segments
- Embedded C Vs ALP
- Programming with Assemblers
- Introduction to IDE / EDE
- Programming with X-Compilers for 8-bit & 32-bit ARM controllers
- Logic Analyzer
- Device Driver Development for Embedded System I/O Peripherals & Protocols
 - Keypad
 - GLCD, Touch Screen LCD
 - UART, SPI, I2C
- Code deployment with target board MCB2370 and MCB2470
 - JTAG
 - ISP/ICP
- RTOS
 - Inter Process Communication
 - Embedded Programming in RTOS
 - Mobile Application Programming with WinCE



- Assemblers**
- ✓ MASM
 - ✓ A51
- IDE / EDE**
- ✓ KEIL
 - ✓ Tasking EDE
 - ✓ Cross View Pro Debugger
- RTOS**
- ✚ RTX-Thread
 - ✚ PXA275-WinCE

For Further details:

Registrations are open

Mr. S. S. Immanuel Singh, Development Engineer
TIFAC-CORE, VIT
Ph: 220-2384
Room No: 704, 7th floor, TT

