



# TIFAC-CORE in AUTOMOTIVE INFOTRONICS

@ VIT University

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



## CIRCULAR

**TIFAC-CORE** is conducting Certificate Program on **Model Based Design using NI LabVIEW & ETAS ASCET** from **16<sup>th</sup> December 2009** 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.

### NI - LabVIEW

- **Introduction to Model Based Design**
- **Exploring LabVIEW Environment**
  - Creating, Editing And Debugging Models
  - Modular Programming
  - Designing Front Panels
  - Data Management Techniques
- **Tool kits & Modules**
  - Communication Modules – IRDA, Serial & Bluetooth
  - Network Modules – TCP/IP, UDP, SMTP & Data Socket Server
  - Digital Signal Processing
  - Image Processing – NI Vision
  - Control Design & Simulation – PID & Fuzzy logic
- **Hardware interfacing using**
  - NI CDAQ
  - NI CRIO
  - SCB 68
  - NI ELVIS

### ETAS – ASCET

- **ASCET Introduction**
- **Developing applications in ASCET MD using**
  - Models
  - State machines
  - ESDL & C
- **INTECRIO**
- **ASCET SE**
- **Rapid prototyping**
- **Target Specific Application**

### For Further details:

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