

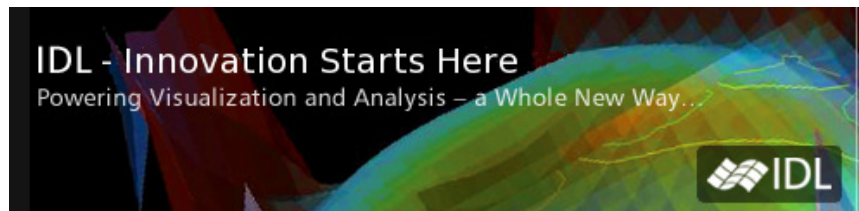


VIT
University
(Estd. u/s 3 of UGC Act 1956)
Vellore – 632 014, Tamil Nadu, India
www.vit.ac.in



Workshop on Image Processing with IDL

18 – 20 November 2009



Organized by

TIFAC-CORE in Automotive Infotronics

Co-ordinators

Dr. K. Ganesan, Director (TIFAC-CORE) & Senior Professor (SITE)

Mr. S. Ganesh Babu, Senior Development Engineer (TIFAC-CORE)



TIFAC CORE IN AUTOMOTIVE INFOTRONICS @ VIT

- ✓ State of the art advanced engineering centre for research, consultancy and manpower training in Automotive Infotronics is established at VIT University, promoted by TIFAC (Technology Information Forecast and Assessment Council), under the Mission REACH program.
- ✓ Offers a full time PG program in Automotive Electronics to provide industry ready engineers.

Educational objective

- ✓ The purpose of the proposed workshop is to provide opportunities for people working in various engineering backgrounds to gain knowledge and experience in IDL Programming and various domains in Image processing like remote sensing, medical IR and MRI imaging etc. IDL is an object oriented programming having many futures like handing of huge images (satellite images), vector processing and also having the property of object oriented programming.

Topics Covered

- ❖ Introduction to IDL programming.
- ❖ IDL Procedures and Functions.
- ❖ Working with Plots and Graphs.
- ❖ Image Geometry.
- ❖ Color image representation in IDL.
- ❖ Morphology and binary image processing.
- ❖ Image Enhancement in Spatial domain.
- ❖ Working with Region of Interest (ROI).
- ❖ Segmentation & Object Recognition
- ❖ Removing Noises
- ❖ Frequency and Wavelet Transformation

Target Participants:

- ❖ Research and Development Engineers
- ❖ Faculty / Students

Resource Persons

- ❖ Dr. K. Ganesan, Director (TIFAC-CORE) & Sr. Professor (SITE), VIT
- ❖ Dr. Rao Tatavarti, Director (Academic Research), VIT
- ❖ Dr. Jothi Mani, Professor, VIT

REGISTRATION FEES:

Rs. 3,000 per delegate from Industry

Rs. 2,000 per delegate from Institute (faculty)

Rs. 1,500 per delegate from Institute (Student)

Registration charges include course material, lunch & snacks. The number of participants is limited to 30 (thirty) based on first come first serve. Accommodation can be arranged in our Guest House on request based on first come first serve as per Tariff.

Tariff per day: Payment through cash

Sl. No.	Type	Tariff Rs.
	Main Guest House A/C	1000.00
	Guest House (Annex) Deluxe A/C	900.00
	Guest House (Annex) A/C	700.00
	Guest House (Annex) Non A/C	500.00

Payment through DD drawn in favor of "TIFAC CORE – VIT University", Payable at Vellore.

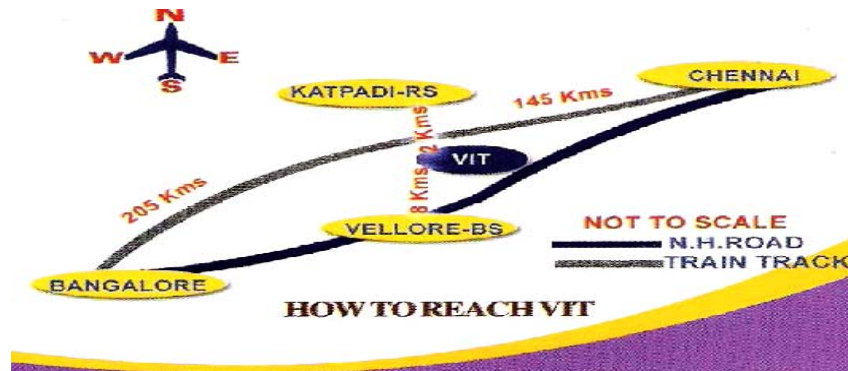
Venue:

Technology Tower
7th Floor, Room no.: 707
VIT University

Time:

Starting Session : 18th Nov. 2009 09.00 hrs
Closing Session : 20th Nov. 2009 17.00 hrs

HOW TO REACH VIT



Format for Registration confirmation

Workshop on Image Processing with IDL 18 – 20 November 2009

Name: -----

Designation: -----

Organization: -----

Address: -----

Phone: -----Mobile-----

Fax: -----e-mail: -----

DD Details: -----

Please complete and mail or fax us above form before 15th November 2009.

For details about our centre and to download the registration form, visit our web site www.vit.ac.in/tifacore/

For Further Details Please Contact:

Mrs. R. Devaki

Secretary

TIFAC-CORE in Automotive Infotronics

7th Floor, Technology Tower,

VIT, Vellore-632 014

Tamil Nadu.

Ph.:0416-2202381

Fax: 0416-2244797

e-mail to: tifac@vit.ac.in / cc to: tifacvit@gmail.com