

SPONSORSHIP CERTIFICATE

Dr/Mr/Mrs.....
is an employee of our Institute/Organization and is hereby sponsored to participate in the Two Days Work Shop on “Recent Trends in Satellite Image Processing” during 17th and 18th September 2010 at Thiagarajar College of Engineering, Madurai-15.

Place:

Date:

Signature of Head of the Institution
(with seal)

Participants

The workshop is open to Faculty of Engineering colleges, Research Scholars and PG Students of Electronics and Communication Engg., Computer Science Engg., Information Technology, Remote Sensing and MCA disciplines. Industrial persons can also apply. The completed applications should reach the coordinator on or before 7th September 2010.

Registration Fee

The registration fee includes workshop kit, presentation materials, certificate of participation, lunch and refreshment for two days.

Faculty & Industrial Delegates :Rs. 2000/-

Research Scholars & PG Students:Rs. 1000/-

Mode of Payment

All payments should be made by a Demand Draft in favour of “**The Principal, Thiagarajar college of Engg.**” payable at Madurai.

Accommodation

On prior request, accommodation can be arranged in our college Gents Hostel and Ladies hostel at a nominal cost (including breakfast and dinner).

Last Date for Registration: 7th September,2010

NB: Brochure and application form can also be downloaded from www.tce.edu



***Two Days Workshop
On***

Recent Trends in Satellite Image Processing

**17th & 18th September, 2010
(Friday & Saturday)**



Coordinators

**Dr. R.A. Alagu Raja
Prof. B. Sathya Bama**

Organised by

**DEPT. OF ELECTRONICS & COMMUNICATION ENGG.
THIAGARAJAR COLLEGE OF ENGINEERING
MADURAI, TAMILNADU - 625 015**

College

Thiagarajar College of Engineering is one among the several educational, industrial and philanthropic institutions founded by Late. Sri Karumuttu Thiagarajan Chettiar. This 53 year old Institution is a Government Aided Autonomous Institution, accredited by NBA, approved by the All India Council for Technical Education and affiliated to Anna University. The college offers 9 Undergraduate, 13 Post graduate and Research programs leading to PhD degree in Engineering, Science and Architecture disciplines.

Department

The Electronics and Communication Engineering Department of this college has been established in 1978. The Department has the privilege of having R&D projects from DRDL, DEAL, RCI, ISRO, DST and AICTE. A Centre for Relevance and Excellence (CORE) in WIRELESS TECHNOLOGIES has been established through TIFAC (Technology, Information, Forecasting and Assessment Council) under Mission REACH Programme of Department of Science and Technology, Govt of India. The Dept. has a Remote Sensing & GIS Lab which contains contemporary satellite Image Processing & GIS Softwares.

Theme

Satellite imagery includes photographs of the earth taken through an artificial satellite revolving around the earth. Satellite imageries, in general, are not suitable in its raw form, and must undergo processing for data extraction and analysis. Processed satellite images have different scientific and need based applications in the field of urban planning, agriculture, geology, forestry, disaster management, education, intelligence and warfare. The workshop focuses on the key issues of satellite image processing such as image pre-processing and image analysis techniques.

Objectives

- To provide an opportunity to learn the concepts of Satellite Image Processing and to give a hands on experience on Satellite Image Analysis techniques using MATLAB.
- To discuss the algorithms developed in the recent past in the fields of Feature Extraction, Segmentation and Classification of Satellite Images.

Contents

- Fundamentals of Digital/Satellite Image Processing
- Image Enhancement in Spatial & Frequency Domains
- Feature Extraction (Texture, Shape and Color)
- Image Segmentation and Classification Techniques for Low and High Resolution Satellite Images
- Overview of Geo-Processing System s/w – “GePSy” by Sierra Atlantic, Hyderabad
- Hands on Training on SIP algorithms using MATLAB. Case Studies & Project Discussions.

Resource Persons

- Members of Image Processing group, ECE, TCE.
- Technical Team from Sierra Atlantic, Hyderabad.

Contact Details

The Coordinator,

Two days Work shop on

"Recent Trends in Satellite Image Processing "

Dept. of Electronics and Commn. Engg.,
Thiagarajar College of Engineering,
Madurai - 625 015

Tel : 0452 - 2482240 / 41 Extn: 303 / 325

Phone : 9442088815, 9843394792

Fax : 0452 - 2483427

e-mail : siptce2010@tce.edu

APPLICATION FORM

Two Days Workshop On

Recent Trends in Satellite Image Processing

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DEPARTMENT OF ECE

THIAGARAJAR COLLEGE OF ENGINEERING

1. Name :

2. Designation :

3. Educational Qualification :

4. Institution :

5. Experience :

6. Address for Communication :

7. Email ID :

8. Phone :

9. Fee Particulars :

DD. No & Date :

Amount :

Date :

Bank :

Date:

Signature

