# TWO DAY WORKSHOP ON
## ADVANCES IN IMAGE PROCESSING AND ITS APPLICATIONS
### 24TH & 25TH JAN 2014

**Sponsored By**

UGC XII Plan – General Development Assistance Scheme

**Organized By**

Department of Information Science & Technology, Anna University, Chennai – 600025.

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## ABOUT THE UNIVERSITY

Anna University was established on 4th September 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities.

## ABOUT THE DEPARTMENT

The Department of Information Science & Technology (IST) & the Division of MCA under IST were carved out of the Department of Computer Science and Engineering in May 2010. The Department functions under the Faculty of Information and Communication Engineering. Dr. A. Kannan is currently the Head of the Department. DIST functions as one of the University Departments having an academic autonomy with its own syllabus and curriculum. It offers undergraduate, postgraduate and research programmes in various disciplines of Information Technology, Multimedia & MCA Degree programme.

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## ABOUT THE WORKSHOP

Image processing is a growing research field where many revolutionary ideas and efficient algorithms have been developed over the past few decades.

The objective of this workshop is to introduce the participants to the world of Digital Image Processing and give an insight on how and where it can be used. This workshop will be useful to learn the fundamentals of Digital Processing of satellite image data and biomedical image data.

Hands on exercises with MATLAB software will open a door for programming in image processing. Exposure to recent concepts of Satellite, Biomedical and Industrial image processing will also be possible during the workshop.

## OBJECTIVES OF THE WORKSHOP

- To introduce the participants to Digital Image Processing and its applications
- To help researchers working in biomedical, satellite image data and Industrial image processing.
- To help faculties teaching Digital Image Processing and expose them to its advanced applications
- To have an exposure to MATLAB & ENVI tools for image processing
TOPICS TO BE COVERED

- Introduction to Digital Image Processing
- Application/Scope of Image Processing
- Biomedical Image Processing
- Image Processing using MATLAB
- Satellite Image Processing (Terrestrial and Planetary)
- Industrial Image Processing
- Advances in Image Processing and its Application
- Satellite Image Processing using MATLAB/ENVI

REGISTRATION

- For registration the scanned copy of the completed form should be sent to the co-ordinator through mail.
- There is no course fee for the workshop.
- The number of participants is restricted to 50.
- Participants will be selected on a first come first serve basis.
- Selected candidates will be intimated by E-mail.
- No TA/DA will be provided.

REGISTRATION FORM

TWO DAY WORKSHOP ON ADVANCES IN IMAGE PROCESSING AND ITS APPLICATIONS

24th & 25th Jan 2014

1. Name:
2. Designation:
3. Institution:
4. Address for communication:
5. E-mail:
6. Mobile Number:
7. Educational Qualification:
8. Professional Experience (in years):
   Teaching/Research:
   Industrial:
9. Area of Interest:

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the workshop. If selected, I shall attend the workshop for the entire duration. I also undertake the responsibility to inform the co-ordinator in advance, in case of my inability to attend the workshop.

Date: 
Place: 
Signature of the Applicant:

NO OBJECTION

Mr./Ms./Dr. ____________________ is a research scholar/faculty of our Institute / Organization. He / She will be permitted to attend the program, if selected.

Signature & Seal of the Head of the Organization

IMPORTANT DATES

Last date for receiving application (By E-mail or post) : 17.01.2014
Intimation of selection : 20.01.2014