



January 11 – 13, 2008

**Dhirubhai Ambani Institute of Information and Communication Technology
&
IEEE, Gujarat Section**



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Objective

The first biennial National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG) will be held at Gandhinagar, Gujarat, India. Indian Unit for Pattern Recognition and Artificial Intelligence IUPRAI, the Indian chapter of International Association for Pattern Recognition IAPR, is the co-ordinating association for the conference. NCVPRIPG-2008 is being organised jointly by the Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT) and IEEE Gujarat Section. The primary goal of NCVPRIPG is to bring together researchers working in the broad areas of Computer Vision, Graphics, Image Processing and related fields to promote community-wide discussion of ideas that will influence and foster continued research in the field. The conference will provide a platform for researchers to present state-of-the art new ideas, practical considerations and novel applications of these areas. The resultant of the conference is expected to encourage academics and industrial interactions and promote collaborative research and developmental activities.

Topics (indicated are not restricted)

- Image Segmentation, Analysis and Understanding
- Image and Video Compression
- Statistical and Morphological Approaches in IP & CV
- Soft Computing Methods in IP & CV
- Wavelets and Fractals in IP & CV
- Aerial Image and Remote Sensing Image Analysis
- Content-Based Image Retrieval & Image Mining
- Document Image Processing & Analysis
- Biomedical Image Processing & Analysis
- Color Image Processing
- Stereo and 3D Vision
- 3D Modeling & Rendering from Images
- Visual Special Effects
- Motion and Video Analysis
- Visual Cryptography & Steganography
- Pattern Recognition
- Speech Processing & Recognition
- Bio-informatics
- Data Mining
- Web & Text Mining
- Machine Learning & Recognition
- Computational Intelligence
- Biometrics
- Industrial Vision Systems
- VLSI for Graphics & IP
- Hardware for Image Analysis
- Hardware for PR& MI

Proceedings

All accepted papers, whose author(s) register, would be included in the conference proceedings to be published. The proceedings will be available during the conference.

Tutorial

There will be tutorials on the first day of the conference. Two parallel sessions of tutorials are planned. Participants will be allowed to register for any one of these. Four tutorials, in each session, on the current state of the art of the theme of the conference are expected to deliver by the eminent researchers of the field. Proposals on tutorials are welcome.

Submission

All manuscripts have to be submitted online in electronics form. The manuscript should not exceed 8 pages each of A4 size, single columns, single space format. For the submission detail please see the conference website (<http://iee.daiict.ac.in/ncvpripg>).

Important Dates:

Full papers due: **August 31, 2007**
 Acceptance Notification: **October 1, 2007**
 Camera ready papers due: **October 15, 2007**
 Registration Starts: **November 1, 2007**

For Further Detail:

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Organizing Committee

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