

Workshop On  
**Advances in Image Processing &  
Applications**

26<sup>th</sup>-27<sup>th</sup> Oct, 2013

Name \_\_\_\_\_

Qualification \_\_\_\_\_

Experience \_\_\_\_\_

Designation \_\_\_\_\_

Department \_\_\_\_\_

College / Industry \_\_\_\_\_

e-mail \_\_\_\_\_

Mobile \_\_\_\_\_

Signature of the candidate

Signature of the head of the institution with

Date and seal

**PATRONS**

Prof. B.N. Jain, Vice-Chancellor, BITS-Pilani  
Prof. V.S.Rao, Director, BITS-Pilani,  
Hyderabad campus

**ADVISORY COMMITTEE**

Prof. M. B. Srinivas, Chairman  
Prof. Y Yoganandam  
Prof. P K Thiruvikraman  
Dr. BVVSN Prabhakar Rao  
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Mr. Syed Ershad Ahmed  
Ms. T Haripriya  
Mr. Chetan Kumar V

**Course Director**

Dr. K.M.M. Rao, Adjunct Faculty

**Send the application forms and other  
communications to**

Prof. Y.Yoganandam  
HOD, Department of Electrical Engineering,  
BITS-Pilani, Hyderabad campus  
Jawahar Nagar P.O  
Shamirpet Mandal, R.R. District  
Hyderabad – 500 078, Andhra Pradesh  
e-mail: yogi@hyderabad.bits-pilani.ac.in  
Phone: 0 406 630 3502

**Workshop**

on

**Advances in Image Processing &  
Applications.**

26-27<sup>th</sup> Oct, 2013



Organized By

IEEE Student Branch, Dept. of Electrical  
Engineering and PHoEnix (Association of  
ECE, EEE and E&I Students)

**BITS-Pilani, Hyderabad Campus**

**Hyderabad.**

**Sponsored by IEEE, Hyderabad-section,  
Sponsored by IETE, Hyderabad center.**

<http://www.hyderabad.bits-pilani.ac.in>

## **ABOUT BITS-PILANI, HYDERABAD CAMPUS**

We are Birla Institute of Technology and Science, Pilani (BITS Pilani), one of India's leading higher education institutes and a deemed university under Sec. 3 of the UGC act. Established in 2008, BITS Pilani, Hyderabad campus is spread over an area of 200 acres in Jawahar Nagar, Shameerpet Mandal. The campus has set up state-of-the-art infrastructure without affecting the scenic beauty of the campus. Spacious labs, well-furnished classrooms, lecture theatres and network infrastructure, all come together to make BITS Pilani, Hyderabad an extremely well equipped campus. Around 700 bright minds are admitted every year into the first degree, higher degree and doctoral programs. The campus is fully residential, housing over 2800 students and over 140 faculty members. The academic community combines extensive research, training and industry experience to offer comprehensive education to students. Currently over 40 research projects are active on campus, most of which are backed by prominent funding agencies.

## **ABOUT THE WORKSHOP**

Every area of technical endeavor is impacted in some way or other by digital image processing(IP). IP finds applications in almost all areas of science and engineering, such as remote sensing, medical healthcare, telemedicine, rural healthcare, defence, graphic arts, modern cinema, space imaging, etc.

BITS-Pilani, Hyderabad campus is conducting a two-day workshop for undergraduate, graduate and Ph.D students, faculty and for practicing engineers.

The experienced faculty drawn from ISRO, Universities/institutes and national labs will deliver the talks.

### **Topics covered:**

Advances in image processing, image processing applications, advances in OCR and recognition of Indian languages, image registration using genetic algorithms, partial differential equations and probability in image feature extraction, Computer Vision for Automatic object Recognition, Lidar data processing, Advances in Medical imaging, image degradation processes and their corrections, Image compression, Color image processing etc.,  
Hands on training on NI LabVIEW and NI Vision toolkit.

### **Resource Persons.**

Prof.B.L.Deekshatulu, IDRBT,  
Dr.K.M.M.Rao,B.I.T.S,  
Dr.R.Krishnan,ADRIN,  
Prof. Bagavathi Chakravarthy,U.O.H,  
Prof.Madhavi Latha,J.N.T.U,  
Dr.R.Ramachndran,ADRIN,  
Prof.P.K.Thiruvikraman,B.I.T.S,  
Dr.K.Venugopala Rao,N.R.S.C,  
Dr.Ch.V. Rao,N.R.S.C,

## **Registration Details:**

Payments may be made through DD in Favor of **IEEE student branch,BITS Pilani, Hyderabad campus**, payable at **State Bank of Hyderabad, Jawahar Nagar Branch, Hyderabad.**

**Last date for registration is  
23<sup>rd</sup> Oct, 2013**

## **REGISTRATION FEE:**

Participants from Industry: Rs. 1000/-  
Participants from Academics: Rs. 600/-  
Student participants: Rs. 400/-

The DD along with the duly filled in registration form should be sent to Prof. Y.Yoganandam, HOD,EE depart.. Registration fee covers Course kit and tea during the workshop days.

## **ACCOMMODATION**

**Outstation Participants need to make their own arrangements for accommodation**