

OVERVIEW

Since L.A.Zadeh introduced the concept of fuzzy sets various notions of higher order fuzzy sets have been proposed. Among them, intuitionistic fuzzy sets, introduced by K. Atanassov have drawn the attention of many researchers during the last decades. It is mainly due to the fact that intuitionistic fuzzy sets are consistent with humans behavior, by reflecting and modeling the hesitancy present in real – life situations. Intuitionistic fuzzy set theory provides a flexible, yet solid, mathematical frame work to cope with imperfect and imprecise information often present in digital images. From recent publications, it is seen that the area of intuitionistic fuzzy image processing is just beginning to develop.

This Seminar aims at

- i). bringing together researchers working in the field of image processing using higher order fuzzy sets and especially intuitionistic fuzzy sets
- ii). serving as a fertile for creative discussion to researchers working in this field.

TOPICS TO BE DISCUSSED

- ✓ *Introduction to image processing*
- ✓ *Intuitionistic fuzzy image processing*
- ✓ *Intuitionistic fuzzy edge detection*
- ✓ *Fuzzy clustering*
- ✓ *Application to medical images*
- ✓ *Research issues in Intuitionistic fuzzy image processing*

RESOURCE PERSONS

Sessions will be handled by experienced academicians from Kongu Engineering College and experts from various institutions and industries.

ELIGIBILITY

Personnel from various educational institutions industries and R&D organizations with relevant background.

BOARDING AND LODGING

Boarding and lodging will be provided to the selected candidates in the college campus. Accommodation will be provided in the college hostel to the participants only on chargeable basis. Participants are required to make their own arrangements for those accompanying them, if any.

REGISTRATION DETAILS

Demand Draft for Rs.400/ - drawn in favour of “**The Principal, Kongu Engineering College, Perundurai**” payable at Perundurai / Erode.

HOW TO APPLY

The applicants should send their applications in the specified format through their Principals / Sponsors to reach us on or before 24.02.2012. If selected, they should confirm their participation in time.

SCHEDULED DATES

Last date for receipt of Applications	: 24.02.2012
Intimation of Selection	: 27.02.2012
Confirmation by participants	: 28.02.2012

KONGU ENGINEERING COLLEGE (AUTONOMOUS) PERUNDURAI- 638 052 ERODE TAMILNADU NATIONAL SEMINAR ON INTUITIONISTIC FUZZY IN IMAGE PROCESSING

2nd & 3rd MARCH 2012

APPLICATION FORM

Name :
Designation :
Department :
Organization :
Address for
Communication
(with telephone no.
& E-mail ID) :

Need Accommodation: YES / NO

Registration Details

D.D. No : Date :

Name of the Bank:

Place:
Date:

Signature of participant

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the seminar for the entire duration. I also undertake the responsibility to inform the convener in case I am unable to attend the course.

Place :

Date :

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr. / Ms / Dr _____

_____ is an employee of our institute / Organization and is hereby sponsored . He / She will be permitted to attend the course in full, if selected.

Place:

Date :

Signature and designation of
the sponsoring Authority

Office Seal

Application form completed in all respects is to be sent to:

Dr.D.Kalamani

Convener

Intuitionistic Fuzzy in Image Processing

Department of Mathematics,

School of Science & Humanities

Kongu Engineering College

Perundurai, Erode – 638 052, Tamilnadu.

KONGU ENGINEERING COLLEGE

Kongu Engineering College, a leading research oriented institution with excellent facilities, is run by Kongu Vellalar Institute of Technology Trust [KVITT]. The programmes of the institute are accredited by NBA and the institute is accredited by the Institute of Engineers (IE).The Institution has completely an enclosed site with great natural beauty it consists of 167 acres of land richly endowed with beautiful Greenland. It is an autonomous institution affiliated to Anna University of Technology, Coimbatore. The college has completed 27 years of dedicated and excellent service to the people of India and abroad in the field of Technical Education. The college offers 13 UG programmes, 17 PG programmes and 16 Research programmes in Engineering and Applied Sciences. It has an active industry institute partnership centre to interact with industries and also has a Technology Business Incubator (TBI), first of its kind in India, nurturing entrepreneurs in high tech areas. The institute's projects have so far been awarded 9 patents and 28 are in process.

DEPARTMENT OF MATHEMATICS

The Mathematics Department occupies a prominent place in the annals of the academic history of the college since its inception (ie) 1984. The department offers Ph.D. degree program and produces efficient research scholars. The department has 27 experienced faculty members including 6 doctorates with different specializations in Mathematics and its applications.

LOCATION

The college is located at Perundurai on the National Highway (NH 47) about 80 km from Coimbatore and 20 km from Erode. It is well connected by road & rail.

NATIONAL SEMINAR ON

INTUITIONISTIC FUZZY IN IMAGE PROCESSING

2nd & 3rd MARCH 2012

Chair Person

Dr. C.DURASAMY

Convener

Dr.D.KALAMANI

Co-Convener

Ms.M.DHAVAMANI



Organized by
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School of Science and Humanities
KONGU ENGINEERING
COLLEGE
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