

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 course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Place :

Date :

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr/Ms/Dr _____ is an employee/student of our Institute and is hereby sponsored. He/She will be permitted to attend the course for the entire duration, if selected.

Office Seal

Signature of the
Sponsoring authority

Place:

Date:

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

Dr.P.Nirmaladevi
Professor
Co-ordinator

**Two days National Workshop on
Medical Image Analysis and Detection
Techniques with Advanced Algorithms**
Dept of Electronics and Communication Engg,
School of Communication and Computer
Sciences
Kongu Engineering College
Perundurai, Erode-638 060, TamilNadu.

ABOUT THE COLLEGE

Kongu Engineering College (KEC) established in the year 1984, approved by AICTE New Delhi and affiliated to Anna University of Technology, Coimbatore has completed 34 years of dedicated and excellent service in the field of technical education. The college offers 14 UG, 19 PG and 16 Research programmes in Engineering, Management and Applied Sciences. The college has got NBA accreditation, NAAC accreditation (with 'A' grade), Best Engineering College award, Best Principal award and Ranked 1st Position in TamilNadu and 39th position at all India level by "Outlook" magazine, 3rd Position in TamilNadu and 32nd Position in private Engineering colleges in India by "The Week" Magazine. The Institution has an active Industry- Institute Partnership Cell to interact with industries. The institution has established a Technology Business Incubator (TBI) supported by Department of Science and Technology, Government of India in its campus. TBI @ KEC has won the Best TBI National Award, presented by President of India on 11 May, 2013.

ABOUT THE DEPARTMENT

The Electronics and Communication Engineering department occupies a prominent place in the annals of its academic history. The specialization of the faculty includes Telecommunication System Engineering, Computer Networks, Power Electronics, Control Systems, VLSI, Bio-Medical Engineering, Digital Signal Processing, Microwave Systems, Automation, Instrumentation and Control etc. The department has excellent laboratory facilities in the areas like Networking, Microprocessors, Electronics, Communication, VLSI, Digital Signal Processing, Microwave, RF, Multimedia, Fiber Optic Communication, Computer Hardware and Maintenance and Computer Centres with latest software. The department offers four year UG programme in ECE and two year PG programmes in VLSI Design, Communication Systems and Embedded Systems.



TWO DAYS NATIONAL WORKSHOP ON MEDICAL IMAGE ANALYSIS AND DETECTION TECHNIQUES WITH ADVANCED ALGORITHMS

Date: 02.08.2019 & 03.08.2019

Co-ordinators

Dr.P.Nirmaladevi
Professor

Mr.K.ManojSenthil
Assistant Professor
&

Mr.V.Anbumani
Assistant Professor

Organized by

Department of Electronics and Communication Engineering
School of Communication and Computer Sciences
KONGU ENGINEERING COLLEGE
Perundurai – 638 060 Erode Tamilnadu

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kmanojenthil@kongu.ac.in
anbumani.ece@kongu.ac.in

Website: : www.kongu.ac.in



OBJECTIVE

The Medical Image Analysis and Detection Techniques with Advanced Algorithms Workshop provides a unique opportunity to acquire knowledge about the fundamental as well as the current state of the art research in Medical imaging. The sessions will cover meticulous details on basic principles of medical imaging and how those are currently being used in clinical practice. Also it will discuss the advanced imaging techniques and understanding the limitations of these technologies. The Diagnostic ability using medical images are being improved with various medical imaging modalities. The abnormalities can be detected with advanced segmentation algorithms like Atlas-based segmentation with dedicated sections on Atlas construction, Image Registration and Image Fusion

This workshop aims to cover the following,

- Bio-Medical imaging modalities and datasets
- Ultrasound Image Denoising
- Feature extraction techniques
- Image Registration and Image Fusion
- Segmentation Algorithms – Random walk, Active contour and Atlas based
- Machine learning algorithms – SVM, Random Forest, Decision Tree and Neural Network
- Convolutional Neural Network (CNN) based Biomedical image classification
- Hand-on training for medical image analysis
- Case Studies

RESOURCE PERSONS

Sessions will be handled by experts from KEC and other reputed institutions.

ELIGIBILITY

Personnel from Engineering Colleges, Industries, Research Scholars and Students (UG & PG)

BOARDING AND LODGING

Boarding and lodging will be provided to the participants in the college campus on chargeable basis.

REGISTRATION

Registration Fee : Rs.1180/-

The Demand Draft for the registration fee must be drawn in favor of “IIP Cell Grant in Aid Account”, payable at Perundurai or Erode

HOW TO APPLY

The applicants should send their applications in the specified format to reach us on or before 25.07.2019. If selected, they should confirm their participation as per schedule below.

LOCATION

The college is situated at Perundurai on the National highway (NH 47) about 80 kms from Coimbatore and 20 kms from Erode. It is well connected by road and rail.

SCHEDULED DATES

Last Date for Receipt of Applications: 25.07.2019

Intimation of Selection : 26.07.2019

Confirmation by Participants : 28.07.2019

KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI ERODE 638 060 TAMILNADU

MEDICAL IMAGE ANALYSIS AND DETECTION TECHNIQUES WITH ADVANCED ALGORITHMS

Date: 02.08.2019 & 03.08.2019

APPLICATION FORM

Name :

Department :

Educational Qualification :

Age :

Organization :

Designation :

Address for Communication :

E-mail ID :

Mobile Number:

Bank Name :

DD Number :

DD Date :

Need Accommodation: Yes/No

Signature of the Sponsoring Authority

Signature of the Applicant