

ABOUT THE SEMINAR

Signal and imaging investigations are currently a basic step of the diagnostic, prognostic and follow-up processes of heart diseases. Besides, the need of a more efficient, cost-effective and personalized care has lead nowadays to a renaissance of clinical support systems (CSS).

The purpose of this seminar is to present an effective way to achieve a high-level integration of signal and image processing methods in the general process of care, by means of a clinical support system, and to discuss the advantages of such an approach. Among several heart diseases, heart collapse that for its complexity highlights best the benefits of this integration.

In particular, significant and suitably designed image and signal processing algorithms are introduced to objectively and reliably evaluate important features that, in collaboration with the CSS, can facilitate decisional problems in the heart failure domain. Furthermore, additional signal and image processing tools in Machine Learning enrich the model base of the CSS. Ultra sound images and echo cartographic images are also discussed in this seminar.

TOPICS TO BE COVERED

After the completion of workshop, the participant will learn how to,

- WEKA
- TANAGRA
- Rapid Miner
- MATLAB

TARGET AUDIENCE

- Industry persons and Doctors
- Research scholar
- Academicians
- Students

RESOURCE PERSONS

Experienced Engineer from leading organization and Professionals from reputed Institutions.

ELIGIBILITY

The course is open to the Engineering faculties belonging to EEE, ECE, EIE, CSE, IT, BME and Medical Electronics Departments of AICTE recognized Institutions.

ACCOMODATION

Accommodation will be provided to the outstation participants on request.

REGISTRATION FEES

Students: Rs.300/-

Research Scholars: Rs.400/-

Faculty Members: Rs.500/-

ORGANIZING COMMITTEE

Honorable Patron

Shri R. Kandasamy,
Chairman, METRF

Chief Patrons

Dr. K. Gunasekaran,
Secretary , METRF

Patron

Dr. M. Madheswaran,
Principal,
Muthayammal Engineering College

Advisor

Dr. B. Gopi, Professor & Dean,
Product and Consultancy

Convenor

Dr. U. Saravanakumar, Professor & Head, ECE

Organizing Secretary

Dr. R.Praveena, AP/ECE

Coordinators

Mr.P.Madhavan,AP/ECE
Ms.V.Akshaya, AP/ECE

CSIR SPONSORED NATIONAL LEVEL SEMINAR

on

“Effective Heart Disease Detection Based on Quantitative Machine Learning Technique”

12.03.2020 & 13.03.2020

REGISTRATION FORM

Name Dr./Mr./Ms.:

Qualification:

Designation/Dept.:

Teaching Experience:

Address:

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PIN Code:

Mobile No:

E-mail:

Is the institution approved by AICTE? YES / NO

Do you want accommodation? YES / NO

Signature of Applicant

DECLARATION

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration.

Place :

Date : Signature of the Applicant

SPONSORSHIP

Mr./Ms./Dr. : is an students/employee of our Institution and is hereby sponsored. He/she will be permitted to attend the programme, if selected. He/She will abide by the rules and regulations of the host Institute.

Date: Seal Signature of the Sponsoring Authority

The duly filled application forms should be sent to,

Dr. R.Praveena,
Organizing Secretary,
Assistant Professor/ ECE,
Muthayammal Engineering College,
Rasipuram - 637408.
Email:- praveena.r.ece@mec.edu.in
Mobile No:- 9790343138

IMPORTANT DATES

Last date : 03.03.2020
Date of intimation : 06.03.2020
Confirmation : 07.03.2020

The selected candidate will be intimated through email. If required, photocopy of the registration form could be taken for multiple uses.

ABOUT THE COLLEGE

Muthayammal Engineering College is established in the year 2000 and committed to uplift the rural community educationally in a stimulating learning environment. It is a co-educational self financing institution approved by AICTE, New Delhi and affiliated to Anna University. It offers 10 U.G. Programmes and 6 P.G. Programmes to cater to the needs of over 3000 students from various parts of our country and abroad. The college has accredited by NAAC and got NBA accreditation for 4 UG programmes. It is accredited by the IT giants such as Tata Consultancy Solutions, WIPRO and Cognizant Technology Solutions. It stands ahead as one of the elite group of Technical Institutions in Tamilnadu, for its:

- ✓ Innovative practices in Teaching-Learning
- ✓ Consistent Academic Result
- ✓ The Best Infrastructure-well-equipped Classrooms & Laboratories, fully Networked Computing, Resourceful Library etc.
- ✓ Industry focused Training & Placement activities
- ✓ Skills development thro' various Knowledge-Sharing Platforms
- ✓ Continuous evaluation of teachers & students' performance and corrective measures
- ✓ On-campus availability of Value Added Courses – EMC² , CISCO, ORACLE, JAVA, RED HAT, BEC, C, C++, and
- ✓ Special Coaching for TOFEL, GRE, CAT, GATE

ABOUT THE DEPARTMENT

The Department of ECE has 44 highly qualified and experienced faculty members with various specializations. The Department has well equipped laboratories. The department is also awarded the center of excellence for Research and Advanced studies by Anna University, Chennai.

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Organizing Secretary

Dr.R.Praveena

Organized by



Department of Electronics and
Communication Engineering

Muthayammal Engineering College
(Autonomous)

Rasipuram - 637 408

Namakkal District, Tamil Nadu.

Website

www.mec.edu.in

Email: info@mec.edu.in

Phone No.: +91-4287- 220837,220737