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Dr. MAHALINGAM

COLLEGE OF ENGINEERING AND TECHNOLOGY

Udumalai Road, Pollachi, Coimbatore District 642003

Estd. 1998 | AICTE Approved | Affiliated to Anna University



NAAC A++ GRADE
Cycle 2 (2018-2023)
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RLDC - WORKSHOP



Robotics Learning & Development Cell organised a workshop on **Introduction to Arduino Programming** on 18.03.2022.

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NSS EVENT



MCET – NSS organised a Poster Presentation event titled Global Warming on 18.03.2022.

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ALUMNI INTERACTION



ECE Association - SPECTRUM organized an Alumni Interaction on C-Programming and Embedded System Basics along with the release of department Magazine YELECTRAZE 9.0 ver 2.0 on 18.03.2022. Mr.K.Naveen (Alumini - Batch : 2016-20) , R&D Engineer, E-con Systems, Chennai provided his valuable inputs to the audience.

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SMART INDIA HACKATHON 2022



Internal Review for **Smart India Hackathon 2022** conducted for IT & Core Stream students.

STUDENT CERTIFICATION



Vetrivelan P, Student of II Year CSE, has successfully completed the online certification course on **“Learning Python”** offered by LinkedIn learning.

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CLASS COMMITTEE MEETING



Class Committee Meetings were conducted for the students of ECE, EEE, IT & CSE.

FACULTY PARTICIPATION



RESEARCH ARTICLE

Categorization of breast masses based on deep belief network parameters optimized using chaotic krill herd optimization algorithm for frequent diagnosis of breast abnormalities

Thirumarai Selvi Chandraraju¹ | Amudha Jeyaprakash²

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RESEARCH ARTICLE

WILEY

Categorization of breast masses based on deep belief network parameters optimized using chaotic krill herd optimization algorithm for frequent diagnosis of breast abnormalities

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Abstract

Several deep learning techniques are utilized for classification of the masses in mammogram images. But the existing method doesnot provide sufficient accuracy . for breast masses classification in mammogram images. In this manuscript, an efficient breast cancer image classification framework utilizing the chaotic krill herd optimization algorithm for frequent diagnosis of breast abnormalities is proposed.

A research article titled “Categorization of breast masses based on deep belief network parameters optimized using chaotic krill herd optimization algorithm for frequent diagnosis of breast abnormalities” (DOI: 10.1002/ima.22718)Co- authored by **Dr. J.Amudha, ASP/EEE** was published first online on 12th March 2022 in [“International Journal of Imaging Systems and Technology”](https://doi.org/10.1002/ima.22718)(WILEY)



Dr.M.Thirunavukkarasu, AP(SS)-Automobile completed online FDP on “Green Technology and Sustainability” at National Institute of Technology, Durgapur.

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