

IGNITE 2022



A DAILY NEWSLETTER

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Principal, ACT

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WORLD SOIL DAY



World Soil Day was commemorated by Agni College of Technology, during which Dr. Srinivasan Alavandar, Principal and Dr. Arul Kulandaivel, Head, Department of Science and Humanities along with the I year students have **Planted Saplings** in the college premises on 5th December 2022.

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FACULTY ACHIEVEMENT



CBA: 45237
DATE: 10/11/2022
Amb: 29501-
P2
10/11/22

FORM 9
THE PATENTS ACT,
1970 (39 of 1970)
&
The Patent Rules, 2003
REQUEST FOR PUBLICATION
[See section 11A(2); rule 24A]


710014914

(i)	a) NAME :	: Dr.ISHWARYA M.V	
	b) NATIONALITY	: INDIAN	
	c) ADDRESS	: Assistant Professor,CSE Dept,Agni College of Technology,Old Mahabalipuram Road, Thalambur Rd, Chennai, Tamil Nadu 600130	
(ii)	a) NAME	: Mrs. S. Jayashree Ananth	
	b) NATIONALITY	: INDIAN	
	c) ADDRESS	: Academic Director & Principal(CBSE),Mother Teresa public school,Jalahalli Educational society,MOTHER TERESA Group of institutions,MES Ring Road, Jalahalli,Bangalore-560013	
(iii)	a) NAME	: Dr.L.Sharmila	
	b) NATIONALITY	: INDIAN	
	c) ADDRESS	: Professor & Head,Department of CSE,Agni College of Technology,Old Mahabalipuram Road, Thalambur Rd, Chennai,Tamil Nadu 600130	
(iv)	a) NAME	: Dr.Majella Jenvi Ignatia. K	
	b) NATIONALITY	: INDIAN	
	c) ADDRESS	: Associate Professor ,Mathematics Department ,Saveetha School of Engineering ,SIMATS, Thandalam Campus,Chennai	

10-Nov-2022/109383/202241064104/Form 9

PATENT OFFICE CHENNAI 11/11/2022 12:49

Dr. Sharmila. L, Professor and Head, Department of Computer Science and Engineering has filed and published a **Patent** titled **Classification of Atrial - Fibrillation Disease Using Machine Learning Algorithms** on 2nd December 2022.

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THE PATENTS ACT,
1970 (39 of 1970)
&
The Patent Rules, 2003

REQUEST FOR PUBLICATION
(See section 11A(2); rule 24A)

1/We

(i) a) NAME : Dr. ISHWARYA M.V

b) NATIONALITY : INDIAN

c) ADDRESS : Assistant Professor, CSE Dept, Agni College of Technology, Old Mahabalipuram Road, Thalambur Rd, Chennai, Tamil Nadu 600130

710014914

Title of the Invention:

Classification of Atrial-Fibrillation Disease Using Machine Learning Algorithms

Field of the Invention:

With an older population comes a greater risk of atrial fibrillation (AF), the most frequent arrhythmia globally. To make a clinical diagnosis of AF, the arrhythmia must first be detected by means of an electrocardiogram (ECG). The real clinical impact of AF may now be better understood because to advancements in monitoring technologies, such as high-fidelity long-term monitors, which have enhanced the yield for the identification of AF. Machine learning has the ability to assess and synthesise apparently diverse characteristics to predict AF in a manner that greatly transcends traditional approaches due to advances in artificial intelligence technology and the massive collection of digital clinical data. In addition to aiding in the processing of imaging or electrocardiographic data, machine learning algorithms may also be able to integrate and analyse enormous volumes of clinical data, therefore uncovering novel clinical patterns and ideas. To this end, we will provide a comprehensive analysis of existing conventional and machine learning approaches to AF categorization.

10-Nov-2022/109383/202241064104/Form 2(Title Page)

PATENT OFFICE CHENNAI 11



Dr. Ishwarya M. V, Assistant Professor, Department of Computer Science and Engineering has filed and published 5th **Patent** under Agni Affiliation entitled **Classification of Atrial - Fibrillation Disease Using Machine Learning Algorithms** on 2nd December 2022.

FACULTY PARTICIPATION

CERTIFICATE
PROUDLY PRESENTED TO*Vishnuvardhan S*

Water Audit

Dec 3, 2022

Date of Completion

UltraTech Cement Ltd.

Organizer



Mr. S. Vishnuvardhan, Assistant Professor, Department of Civil Engineering has attended a one day **Webinar** on **Water Audit** organized by Ultra Tech Cement Ltd, Chennai on 3rd December 2022.

INDUSTRIAL VISIT



The Department of Computer Science and Engineering has organised an **Industrial Visit** to **Imarticus Learning** for the II year section A students accompanied by two faculty members on 1st December 2022.

PARENT - TEACHER MEET



Dr. Sharmila. L, Professor and Head, Department of Computer Science and Engineering interacted with the parents of II year students on 5th December 2022. The performance and participation of the student in daily the activities and academics were discussed during the session.

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WORLD SOIL DAY – AN AWARENESS PROGRAMME

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DEPARTMENT OF SCIENCE AND HUMANITIES COUNSELLING CODE: 1316

Organise

A MINIATURE BIOSPHERE ON COMMEMORATING WORLD SOIL DAY

DECEMBER 5

RULES AND REGULATIONS

1. The miniature biosphere has to be based on the theme "SOIL: WHERE FOOD BEGINS".
2. One Model for a class (Group Work/ Individual Work).
3. No size restrictions.
4. The model can also be painted.
5. The miniature model may have small decorative miniatures too (If needed)
6. Artificial clay miniatures are not allowed.

Date 5th Dec 2022
Time 2.30pm
Venue Physics Lab

Coordinators
As. A. S. Swathi Ms. R. Catherine Shaniga
Convenor
Dr. Arul Kulandaivel Dr. Srinivasan Alavandar



Dr. Arul Kulandaivel, Head, Department of Science and Humanities has observed the World Soil Day and an awareness Programme for I year students was conducted to create the **Miniature on Soil - Where Food Begins** on 5th December 2022. Ms. E. Vinodha and Mr. S. Venkateswaran, APs, Department of Civil Engineering are the judges for the contest.

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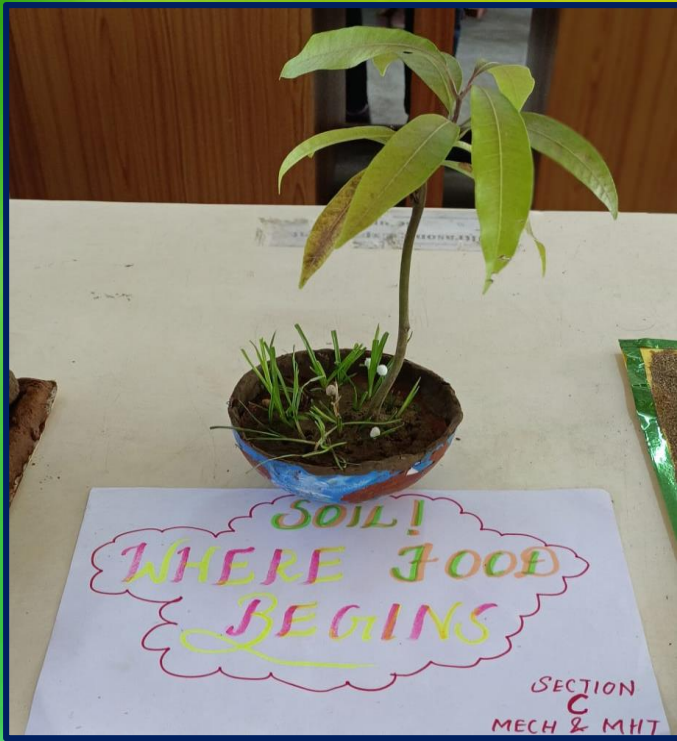
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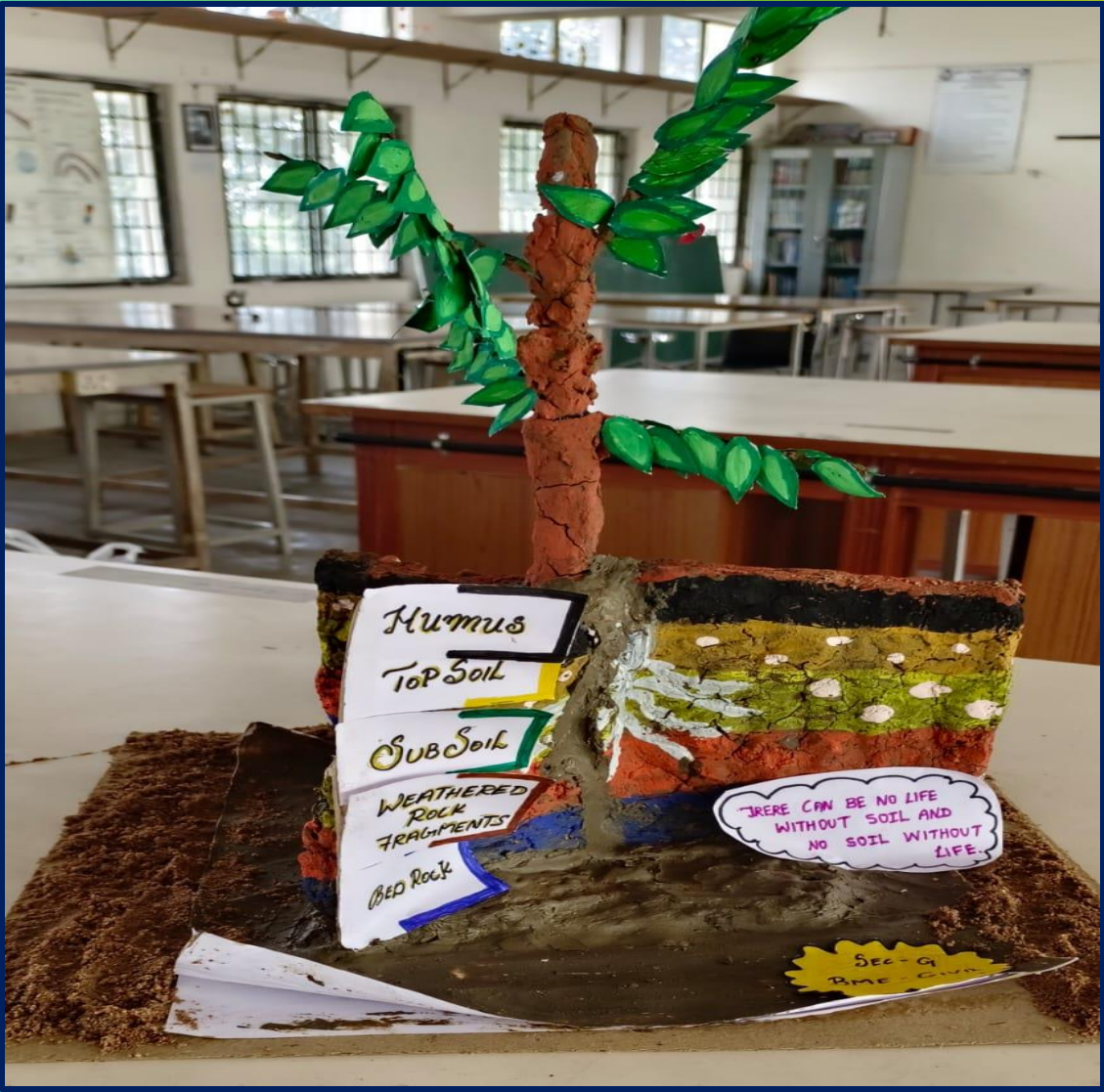


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The first year students, Section F, Department of Science and Humanities have contributed **Seed Bags** to NGO for the effective use on 5th December 2022.

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Tharun Raj. G, I year student, H Section, Department of Science and Humanities has dispensed **Sampling** on the occasion of **World Soil Day** on 5th December 2022 to be planted in the college premises

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STUDENT REPOSITORY



Ramakrishnan and Agalya. R, I year students, E Section, Department of Science and Humanities has **Painted** a picture on the theme of **World Soil Day**.

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