

NIRMALA
ARTS & SCIENCE COLLEGE
MULANTHURUTHY



ENVIRONMENT
CONSERVATION CELL

ANNUAL REPORT 2020 -2021



NIRMALA ARTS AND SCIENCE COLLEGE

(Affiliated to Mahatma Gandhi University, Kottayam)

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BRIEF SUMMARY OF ACTIVITIES

Sl. No	Event	Nature of event	Date	Resource Person	Number Of Participants
1.	Talk on Organic farming	Expert Talk	11/12/2020	Mr. Mathewkutty Tom , Managing Director of TJT farms and Plantations, Kottayam	-
2.	Installation of Aquaponics	Best Practice	17/12/2020	-	-
3.	Talk on Latest Trends in Farming and Waste Management	Expert Talk	15/01/2021	P A Thankachnan Director of Rural Science and Technology Centre, Thuruthikkara -	-
4.	Clean Campus Green Campus	Sanitisation programme	26/03/2021	-	-



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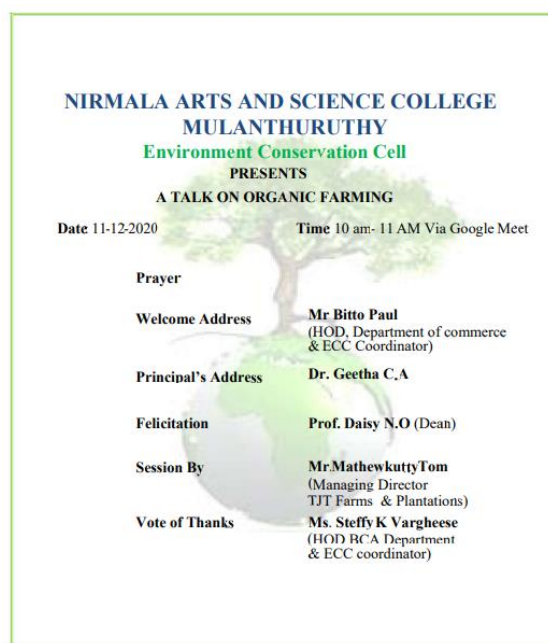
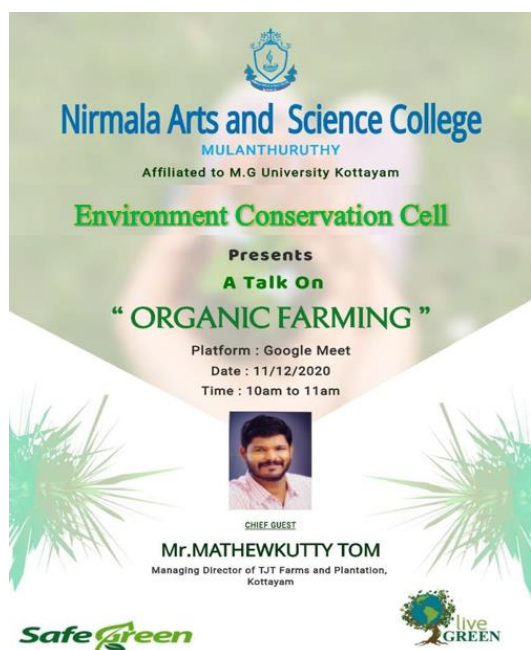
TALK ON ORGANIC FARMING

Date	: 11 th December 2020
Mode	: Online (Google Meet)
Chief Guest	: Mr. Mathewkutty Tom, Managing Director of TJT farms and Plantations, Kottayam
Number of Participants	: 57
Person in Charge	: <i>Steffy K Vargheese</i>

Brief Report

Understanding the serious indications of chemical fertilisers on the eco system ECC has conducted a talk on the topic Organic Farming as an eye opener for student and teacher community. The talk stressed on the relevance and necessity of organic farming which was carried out by an eminent Resource Person Mr. Mathewkutty Tom, Managing Director of TJT farms and Plantations, Kottayam. The talk was held on 11th December 2020 at 10AM to 11 AM through the Google meet Platform considering the pandemic situation persisted. The talk was very useful and interesting, and got many ideas of organic farming that can be suitably implemented by us.

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INSTALLATION OF AQUAPONICS

Date : 17th December 2020
Venue : College Courtyard
Chief Guest : -
Number of Participants : 07
Person in Charge : Steffy K Vargheese

Brief Report

Aquaponics is a system of aquaculture in which the waste produced by farmed fish or other aquatic creatures supplies the nutrients for plants grown hydroponically, which in turn purify the water. Being a modern method of farming, ECC of Nirmala Arts and Science College installed a miniature version of aquaponics in the college premises. The installation of the aquaponics was done on 17th December 2020 under the guidance of Principal Dr. Geetha C A and Dean Prof. Daisy N O. As the covid pandemic persisted the presence of students could be insured, thus the ECC staff Members Jeena Vargheese, Steffy, Sheena T c and other staff members of the college enthusiastically engage in the installation. Aquaponics is a good method of farming which produce vegetable and fish at the same time in a limited space. The ECC Staff members took an online Session through Google meet to the students to make them aware of this modern farming practice. The installation was successful as we could see the tremendous growth of vegies in the aquaponics bed. Since our trial version was successful ECC is planning to install this method of farming on a larger scale.

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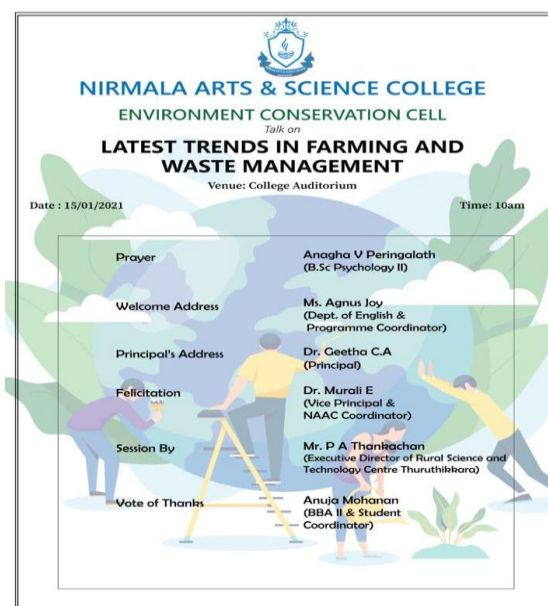
TALK ON LATEST TRENDS IN FARMING AND WASTE MANAGEMENT

Date : 15th January 2021
Venue : Auditorium
Chief Guest : **P A Thankachan**
: Director of Rural Science and Technology Centre, Thuruthikkara
Number of Participants : 42
Person in Charge : Steffy k Vargheese

Brief Report

The ECC of Nirmala Arts and Science College, has conducted a talk on Latest Trends in Farming and Waste Management at the college auditorium on 15th January 2021 at 10 AM in College Auditorium. PA Thankachan, Executive Director of Rural Science and Technology Centre Thuruthikkara was the resource Person for the event. The Formal session began by the welcome address of Ms. Agnus Joy Assistant professor Department of English, Programme Coordinator. Principal Dr Geetha C A gave the Principal's address. Dr. Murali E felicitated the gathering. Later the session was handled by PA Thankachan. The talk gave useful insights to the student's relating to the latest trends in farming and the modern practices of waste management. The session was very informative and interesting. Formal function came to an end by the vote of thanks of Anuja Mohanan, Student coordinator.

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Clean Campus Green Campus

Date : 26th March 2020
Venue : College Premises
Chief Guest : -
Number of Participants : 26
Person in Charge : Steffy K Vargheese

Brief Report

Environment Conservation Cell in association with NSS has conducted a cleaning drive in the college campus. The initiative was name **Green Campus** envisioned at making the campus free of Plastic was conducted on 26th March 2021, Friday. This occasion was facilitated by college principal Dr. Geetha C A and Dean Prof. Daisy N O. Despite the hot weather, students enthusiastically engaged in the cleaning programme. They installed separate waste bins in various locations throughout the campus for the collection and burial of waste materials produced on campus. A red bin to collect plastic waste and a blue for the paper waste. This helps for a very systematic waste management as well as to keep the campus clean throughout. Students also took initiative to clean the garden and to nourish the plants as well. They advised everyone in the campus to utilize the facility provided so that to be part of the Plastic free and Green Campus Initiative.

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ORGANIC FARMING – CULTIVATION AND HARVEST

Date : -
Venue : *College Premises*
Chief Guest : -
Number of Participants : -
Person in Charge : -

Brief Report

Vegetable cultivation is one of the best practice of Environment Conservation Cell of Nirmala Arts and Science College. Every year the students and Staff Members of ECC engage in the cultivation of Vegetables in the college premises. The students and staff members of ECC planted spinach saplings in the beds prepared in the college premises. The cultivation was very successful the grown spinaches were distributed in the college itself. It was a wonderful experience for the students and they were actively involved in the watering and maintenance of spinach plants. Harvesting the vegetables grown in the college premises is always a festive mood for students and staff members of ECC. Vegetables like pea, Brinjal, tomato, ladies finger etc. were grown in an organic manner. The harvested vegies were handed over to Principal Dr. Geetha C A by the students. The words of principal and dean is always encourage the students and staff members of ECC to engage in these kinds of activities.

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