

7.1

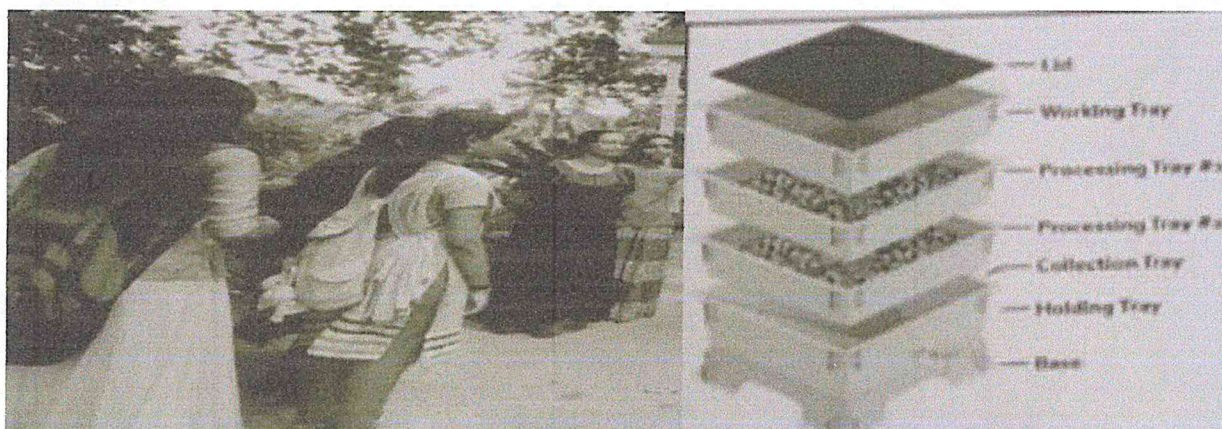
### 1. River Rejuvenation Activity – Rally for rivers by NSS Unit – 6<sup>th</sup> June, 2018

Lying within mountains and ocean the veins of freshwater are the origin of culture and livelihood in the God's own country. Karamana river is the main water source for the capital city. The days of glory were long lost to the waterbodies too, hence the NSS unit of M.G. college decided to pay visit and help rejuvenate the nearest river. The NSS Volunteers were provided with masks and nets for removing the floating plastic wastes and other materials.



### 2. Waste Management Awareness Programme To The Local Destination Nettayam by the Department of Commerce – 2<sup>nd</sup> August, 2018

The Department of Commerce visited houses in Nettayam Residence Association and handed over the materials needed for vermicomposting as well as compost maker to the inhabitants. The students demonstrated how to prepare vermicompost using earthworms provided. They explained what all items can be put in vermicompost bins. They also demonstrated how to use the compost bins for making compost using compost maker, thereby degrading the left over foods and other organic matter which could not be put in vermicompost bins.



**3. Cleaning of houses in the most flood affected region, Chengannur, Alapuzha District – by NSS Unit - 23<sup>rd</sup> August 2018**

The aftermath of flood was as appalling as the deluge itself. Mud and vile creatures added to the loss caused by the flood. Program officers and NSS volunteers from Mahatma Gandhi College took part in the cleaning process at flood affected Chengannoor in the neighboring district of Alappuzha.



Program officer, Dr. Suresh Chandra Kurup coordinating the cleansing activities at Chengannoor.



**4. Friday Market Organic Bazar organised by the NSS Unit– 5<sup>th</sup> October, 2018**

As a part of attaining self-sufficiency in food production, vegetables were cultivated within the campus. More than that, students were encouraged to cultivate crops in organic way. To avail homemade vegetables to other students, Friday market organic bazars were conducted. Vegetables were collected by the volunteers which helped out to be an additional income for the family and support for farmers.

  
Principal  
Mahatma Gandhi College  
Thiruvananthapuram



**5. Environmental Awareness Programme by the Department of Commerce  
6<sup>th</sup> October, 2018**

The students from the Department of Commerce actively engaged in cleaning the ground near Akkulam Lake, Thiruvananthapuram which is filled with plastic wastes and other non-biodegradable matter. The students segregated the materials into separate bags and handed over to the Thiruvananthapuram Municipal Authorities for its safe disposal



**1. Environmental Education to School Children of St. Mary's Higher Secondary School by NSS as part of Integrated Science Education Strategy (ISES) –25<sup>th</sup> July, 2019**

As a part of environmental education, selected NSS volunteers (ISES) and program officers from M.G. college visited St. Mary's Higher Secondary School to provide awareness regarding the importance of mother earth. Awareness classes were conducted using presentations and simple games. The positive feedbacks from the students were an avid achievement for our NSS unit. Integrated Science Education Strategy (ISES) It is a strategy developed by Program officer Dr. Suresh Chandra Kurup R. On the basis of tutor recommendation. 35 NSS student teachers were selected. An orientation was given to them by the Program officer. Program officer mentioned the importance of dedication and commitment from student teachers for the implementation of ISES. An opportunity was provided to quit from the program if they have any inconvenience during the implementation phase. As a result, 21 volunteers quit the program even though they offered all cooperation in future. Thus 14 NSS volunteers were selected in the final round. All of them are NSS Volunteers working with the investigator. They were new to the field of teaching and also available for investigator designed training. After successful completion of the training the actively participated in the implementation phase in St. Marys Higher secondary school, Thiruvananthapuram. Program was an excellent experience for volunteers and School students (seventh standard Students).



Students of St. Mary's school attending the classes.



Program officer, Dr. Suresh Chandra Kurup conducting the class.

**2. Workshop on bee keeping and bee management by the Department of Zoology – 2<sup>nd</sup> August 2019**

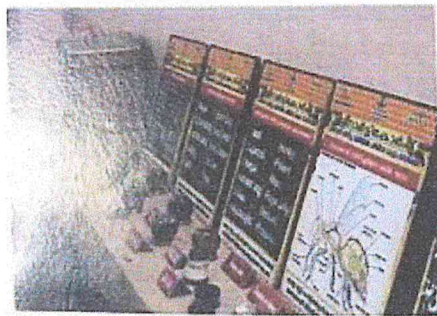


  
**Principal**  
Mahatma Gandhi College  
Thiruvananthapuram



As part of our extension activity, an one day "workshop cum exhibition on bee keeping and management" was held on August 2, 2019 at seminar hall, Mahatma Gandhi college. The programme was sponsored by the Kerala State Horticultural Products Development Corporation (Horticorp), under the Department of Agriculture, Government of Kerala. The main objective of the program is to create an awareness on beekeeping and to generate interest in the field of bees and bee culture. The target groups include members from nearby residents associations, Kudumbasree members, faculty members from different departments, students and office staffs. The inaugural session began with a prayer by III semester zoology students followed by Acharyanusmaranam. The Head of the Department of Zoology Dr. Balamurali.R.S welcomed the gathering. Dr. M.S. Anil Kumar delivered the presidential address. In his address, he mentioned about the need of such extension activities so that our colleges so that the students get more opportunity to interact with the society. Inauguration and inaugural address was given by Mrs. Steffy.J.George, Councillor., Kesavadasapuram ward, Thiruvananthapuram Corporation. Felicitations were given by Dr.S.R.Jayasri, Council Secretary, Dr.Gopakumar.K, IQAC Coordinator. Vote of Thanks was delivered by Dr. Asha.V.G, Convenor of the programme.

During the Technical session, Mr.B.Sunil, Divisional Engineer, Kerala Agro Industries Development Corporation and Area manager of HORTICORP, Mavelikkara delivered the talk on Beekeeping & Management. He shared a handful of experiences about beekeeping, social behavior of bees, different types of beekeeping equipments used in apiculture, importance of honey its medicinal properties etc. The talk was very interesting as well as beneficial to the audience. Vote of thanks was extended by Dr. Suresh Chandra Kurup, NSS Programme Officer, Mahatma Gandhi College.



An exhibition as a promotional activity were also arranged by the Horticorp. Different types of honey like ginger honey, garlic honey, Jamun Honey Jackfruit honey, pine apple honey, different cosmetics made out of honey like body creams, soap, variety of beekeeping equipments, Newtons Hive etc were exhibited. This gave an opportunity among the students and the public to create an awareness on beekeeping and importance of honey. The programme ended by 4.00 PM


### 3. Rally and Cleaning of Statue at Kesavadasapuram as part of Swachhata pakkoda by NCC Naval Wing – 2<sup>nd</sup> October 2019

NCC Naval wing conducted a programme on October 2nd 2019 in connection with Swachhata pakkado, national level. The programme started with the parade, then rally till Keshavadasapuram and cleaned the statue of PM Varghese as well as the park. After that a formal session inauguration by the principal and the chief guest was RJ Sumi. On that day key note address were given by DR B Jayaraj, 37 cadets presented for the same.



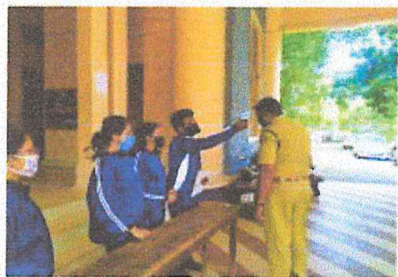
**4. Shankumugham Beach Cleaning by NCC Naval Wing – 7<sup>th</sup> December, 2019**  
The cadets of NCC Naval Wing actively participated in the beach cleaning activities held at Shangumugam Beach. The cadets collected plastics separately and cleaned the beach.



  
**Principal**  
**Mahatma Gandhi College**  
**Thiruvananthapuram**

## 1. NCC cadets Actively Participating To Control The Spread Of COVID 19 During The Exam Time – 2<sup>nd</sup> June to 15<sup>th</sup> June, 2020

World was unprepared for a pandemic. The fictitious concept of a viral epidemic in the 20th century shook the world around. The cure stays a hope and what people could do was controlling the spread. Central and state governments imposed regulations as an infinite lockdown strikes worse than the disease. Pending exams were finished with the active help from NSS volunteers and NCC Naval Cadets.



A volunteer checking the temperature.



Volunteers sanitising the exam hall.



## 2. Distribution of lotion to the General Hospital Thiruvananthapuram- November 22<sup>nd</sup> 2020

In connection with NCC day we prepare 20 liters of cleaning lotion and provided to General Hospital Tvm, in the occasion of COVID-19. This is also highlighted the importance to maintain environmental cleanliness especially during pandemic times. Lotion was prepared by L/cdtAromal S A, CdtHarikrishnan S, Cdt Sachin Kumar and it is provided by L/CdtAromal S A, Cdt Rijith Raj R and Cdt Bihil B Nair.



### 3. Beach Cleaning At Shankhumukham By NSS Volunteers – February 13<sup>th</sup>, 2021

NSS volunteers of KL 15 A&B underwent a campaign organised by an NGO to clean up Shankhumukham Beach on February 21. The campaign was successful and a continuation campaign is being planned.



### 4. Tree plantation ( 05/06/2020)

Naval cadets conduct a tree plantation programme on June 5, world environment day. They also created a Video of tree plantation as a part of this programme. 17 cadets participated in this program.

  
Principal  
Mahatma Gandhi College  
Thiruvananthapuram





1(K) NAVAL UNIT

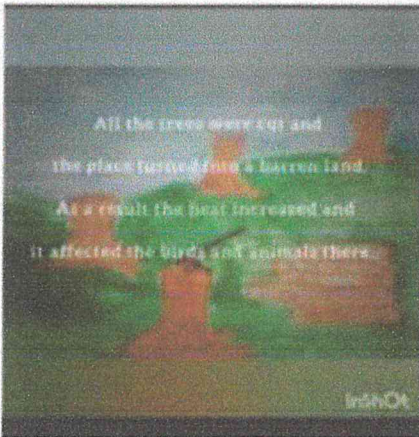
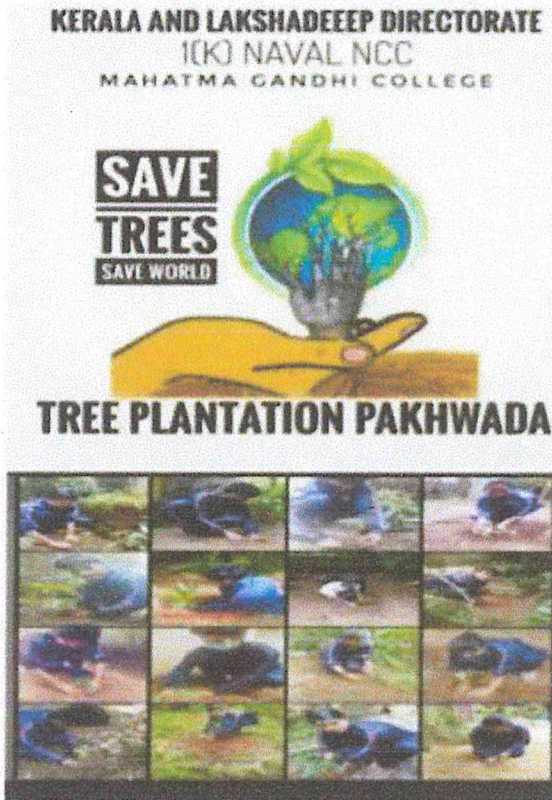
MAHATMA GANDHI COLLEGE



*#LET'S TAKE THE CHALLENGE Let's make  
this environment green and  
clean #stayhome #staysafe*

## 5. TREE PLANTATION PAKHWADA

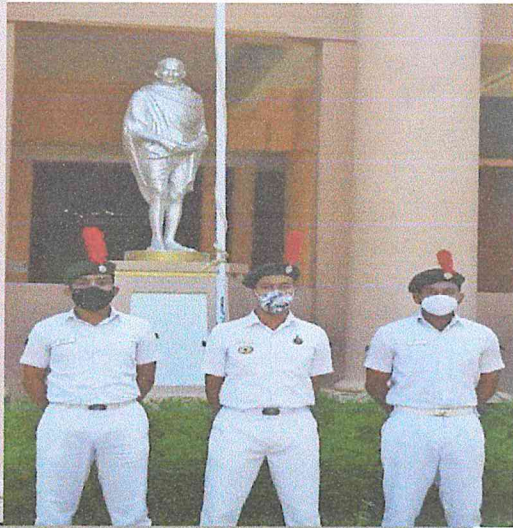
As a part of this program naval cadets planted trees and made a video which shows the importance of planting trees. Our Ex Cadet Abhiraj, Meenu, Akshay, Sreelekshmi, Akshaya, Vidya also took part in this program



### 6. STATUE CLEANING (10/12/2020)

On December 10<sup>th</sup> 2020 cadets of 1(K) NAVAL UNIT, MG college done a statue cleaning program according to the 'SWACHATHA PAKHODA'. Cadet HARIKRISHNAN.S, Cadet BIHIL B NAIR and Cadet MANU DEVRAJ involved in this activity. The MAHATHMA GANDHI statue, the pond beside the statue, and the college premises were cleaned. The cadets mainly focused to remove plastic waste from the premises. Anyway, it was a successful activity.

Principal  
Mahatma Gandhi College  
Thiruvananthapuram



**1. PUNEET SAGAR ABHIYAN - Beach Cleaning Activity by NCC Naval Unit as Part of Swachh Bharat Programme at Veli Beach – 19<sup>th</sup> December, 2021**



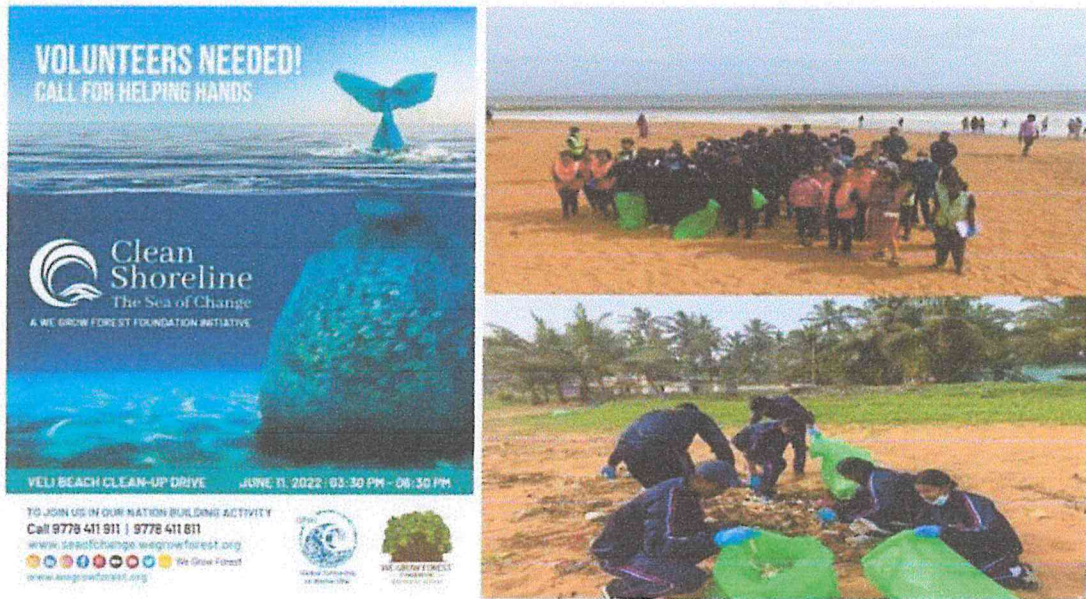
Swachh Bharat Abhiyan is a campaign launched by the Prime Minister of India to highlight the importance of cleanliness in the surroundings. It was inaugurated on October 02, 2014 to honour the vision of cleanliness of Mahatma Gandhi. NCC has always been at the forefront of the Swachh Bharat Abhiyans. NCC now plans to carry out a nationwide campaign to Clean Sea Shores/Beaches of the plastic waste & other waste along the Sea Shores and increase awareness about the importance of keeping the Sea shores free from Plastic waste.

Trivandrum Grp NCC conducted 'PUNEET SAGAR ABHIYAN' by cleaning the Sea Shores/Beaches to propagate the message of 'Importance of Clean Sea Shores/Beaches' amongst the local population and future generation on Dec. 19, 2021 at Veli Beach, Thumba. The key Cleanliness drives, awareness and educational activities of Clean Sea Beaches during the campaign to be conducted includes, Beach Clean-up, 1 Kerala Naval NCC Cadets were provided with cleaning material such as hand gloves, gunny bags. The cadets interacted with the general public, tourist, Local shopkeepers/vendors and fisherman along the coastal areas to spread awareness on the ill effects of Beach littering and its adverse harmful impact to the environment. The cadets distributed the pamphlets to increase awareness about Sea Beach pollution and its adverse effect. Cadets administered Pledge amongst the target population & tourists to keep the beaches clean and saying No Beach Litter. Signature campaigns was also be conducted. Theme based Nukkad Natak & rallies/foot patrols were conducted. Adequate placards and props were used drive home the message of importance of clean Sea Beaches.

  
**Principal**  
Mahatma Gandhi College  
Thiruvananthapuram

**1. Swacch Bharat – Beach Cleaning Activity by NCC Naval Wing at Veli Beach in association with “We Grow Forests – an NGO” – 11<sup>th</sup> June, 2022**

In association with ‘We grow forest foundation’, cadets from Mahatma Gandhi College participated in “Clean shoreline, the sea of change” programme, which is an initiative to clean beaches and to aware people about the necessity to keep shoreline neat. The programme was conducted on 11th of June, 2022 at 3pm in Veli beach. As a part of this, 20 cadets from Mahatma Gandhi College were informed to assemble in front of Veli tourist village at the scheduled time. After the cleaning programme, refreshments were provided to all attendees. Further the gathering was dispersed.



He talked about drug abuse and its implications on the society as well as in one’s family. He also spoke about the rehabilitation and also about counselling of these drug users. He explained the importance of being aware of laws. He introduced the IPC sessions and punishments.

As part of the monthly charity initiative, the cadets of 1(K) Naval Unit NCC Mahatma Gandhi college donated 35 kg of rice to the President of Sneha Sadanam Charitable Trust, Mr Rajeesh Srinivasan. Snehasadanam takes care of people who are mentally and physically challenged and deprived of any societal support. Most of them are orphans. There are around 37 inmates in the age range of 12 to 85 years.

**2. Pollution Assessment of the second largest pond, Charachira Pond in Thiruvananthapuram District by Department of Zoology & NSS – 26<sup>th</sup> August 2022**

As part of the extension activities to the society, the S4 postgraduate students from the Department of Zoology visited the second largest pond in Trivandrum city, Charachira pond, Nanthencode, Thiruvananthapuram. The Charachira pond in Nanthancode, Thiruvananthapuram which had once been a large water body, has reduced to less than half its size in the passing decades. It has been a source of drinking water supply and the tankers of the municipal corporation has filled water from this pond till 2016. But now, it has been turned into an yard for dumping construction waste and domestic waste. The edges of the ponds were filled with plastic waste. Due to

the accumulation of domestic waste, there is large amount of eutrophication, which is evidenced by the growth of eichhornia.

The students collected the water samples from the pond and analysed its drinking quality at the college laboratory. It was seen that the water is not at all fit for drinking and has high growth of coliform bacteria. The report was handed over to the ward councillor and urged for further conservation plan to save this fresh water resource from further degradation. The students were accompanied by Faculty advisors Dr Asha V G (NSS program Officer) and Dr. Adhira M Nayar.



  
Principal  
Mahatma Gandhi College  
Thiruvananthapuram

**3. Swacch Bharat Diwas - Cadets Of The NCC Naval Wing Of Mahatma Gandhi College Cleaned The Ground Near Akulam Tourist Village - 24<sup>th</sup> October 2022**



As part of Swatch Bharat Diwas, cadets of the NCC Naval wing of Mahatma Gandhi College cleaned the ground near Akulam Tourist Village on 24<sup>th</sup> October 2022 from 9:30 am to 10:30 am. {Swatch Bharat Divas is celebrated on October 2<sup>nd</sup> to honour the dream of Mahatma Gandhi to build a clean India. The waste collected by the cadets was transferred to the municipal corporation to be discarded.

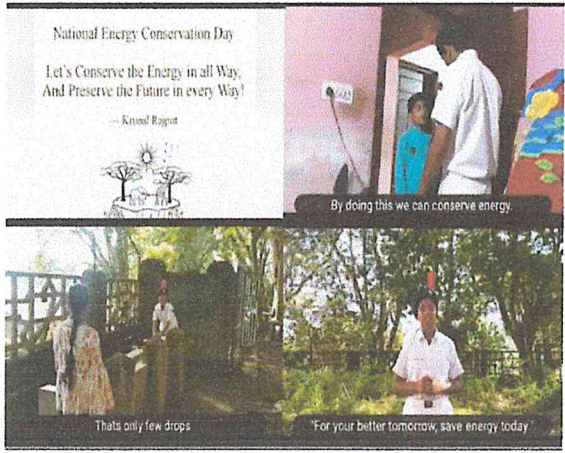
**4. Beach cleaning programme at Vettukkad on Navy Day by NCC Naval Wing – 4<sup>th</sup> December, 2022**

As part of Indian Navy Day, 1(k) Naval NCC Unit has organised a beach cleaning programme at Vettukkad beach. The programme was conducted from 8 30am to 9.30 am. The beach cleaning was done by NCC Naval Cadets. They have been provided a helping hand by the natives of the locality with great enthusiasm.



**5. Awareness on Energy Conservation by the Naval unit NCC on National Energy Conservation Day - 14th December 2022**

As part of national energy conservation day, cadets of 1K Naval unit NCC Mahatma Gandhi college created an awareness video to spread the message based on the importance of conserving energy. The National Energy Conservation Day is being celebrated every year on December 14 since 1991. The Bureau of Energy Efficiency (BEE), under Ministry of Power spearheads the celebrations every year. Energy conservation day remind us to use all sources of energy efficiently without wasting it.



  
**Principal**  
**Mahatma Gandhi College**  
**Thiruvananthapuram**



**6. Handing over the amount collected by the students of Commerce Department to Sanadhalayam Cancer Care Centre – 9<sup>th</sup> March, 2023**

As part of the department's best practices, students used the occasion of "Comfest," a day recognized at Mahatma Gandhi College in Trivandrum where students in the commerce department will have the chance to showcase their various talents, to donate money to the Sanadhalayam Cancer Care Center in Thiruvananthapuram. The representative of the Sanadhalayam cancer care center receives the money from the dignitaries collectively. The program was organised with an objective to fulfil the best practice of the department from the fund raised for a celebration event in the campus. The event was inaugurated by Prof. (Dr.) NandyathGopalakrishnan, principal, Mahatma Gandhi College, Trivandrum and the chief guest of the program, Sri. Job Kuriyan.Sri. Mahesh M., representative of the Sanadhalayam cancer care centre, Thiruvananthapuram, attended the function to receive the donation from the organisers of the event. The members of the COMET NGO made an celebration event more fruitful with the utilisation of the opportunity to make a donation

**7. Training on Mushroom Cultivation by the Department of Botany – 26<sup>th</sup> April, 2023**

The department arranged a programme for the chosen Mushroom participants in Cultivation. The technical session, which is led by Ajay K, the managing director of Surya Agrotech, Pirappancode, and Tvm, follows the official inaugural session. He has received several honors' in the Training and Growing of Mushrooms. A technical session is followed by Hands' on practical training.

POSTGRADUATE DEPARTMENT OF BOTANY & RESEARCH CENTRE  
MAHATMA GANDHI COLLEGE, THIRUVANANTHAPURAM

**കൂൺ കൃഷി പരിശീലനം**

- ശാസ്ത്രീയമായി ചിലവ് കുറഞ്ഞ രീതിയിൽ ലാഭകരമായി എങ്ങനെ കൂൺ കൃഷി നടത്തി സ്വയം പര്യാപതനമാക്കാം.
- വിവിധതരം ഔഷധഗുണമുള്ള കൂൺ വിതരണങ്ങൾ.
- ഉപയോഗിക്കാവുന്ന പാഴ്വസ്തുക്കൾ.
- കൂൺ കൃഷിയെ ബാധിക്കുന്ന കീടങ്ങൾ/ രോഗങ്ങൾ പരിഹാര മാർഗ്ഗങ്ങൾ.
- സ്വന്തമായി കൂൺ കൂടുകൾ തയ്യാറാക്കുവാൻ അവസരം.

26<sup>th</sup> April  
2023.  
@ 1.30 pm  
Seminar Hall

ഉദ്യമ നവീകരണത്തിന്  
അജയ് കെ.  
സൂര്യ അഗ്രോടെക്  
പിറപ്പന്തോട്  
തിരുവനന്തപുരം

എവർക്കും  
സ്വാഗതം

According to the instructions given, mushroom beds were built by 5 groups. The students and participants were competent in building the mushroom beds, and we gave the team members mushroom spawns to test in their homes. Women from the nearby Kudumbasree Unit also attended the Hands on training session.





  
**Principal**  
**Mahatma Gandhi College**  
**Thiruvananthapuram**