

DEPARTMENT OF BIOLOGY

WORLD ENVIRONMENT DAY 2022-23

Department of Biology in association with Suchitwa Mission, Thrissur has organized **campus cleaning** on **6th June 2022** at St. Mary's college, Thrissur. Before cleaning, all students were made aware of the significance of observing World Environment Day and made them promise to protect "Our Only Earth" in ways possible. There was active participation from the students. Refreshments were provided by the department after the activity.



DEPARTMENT OF BIOLOGY

St. Mary's College

Thrissur - 680020
(Affiliated to the University of Calicut & Re-accredited by NAAC with A⁺ Grade)
In Association With

SUCHITWA MISSION, THRISSUR

Organizes

CAMPUS CLEANING

As Part Of

WORLD ENVIRONMENT DAY

on 6th June 2022



Principal
Dr. Sr. Magle Jose

Head of the Department
Dr. Anu P. A.

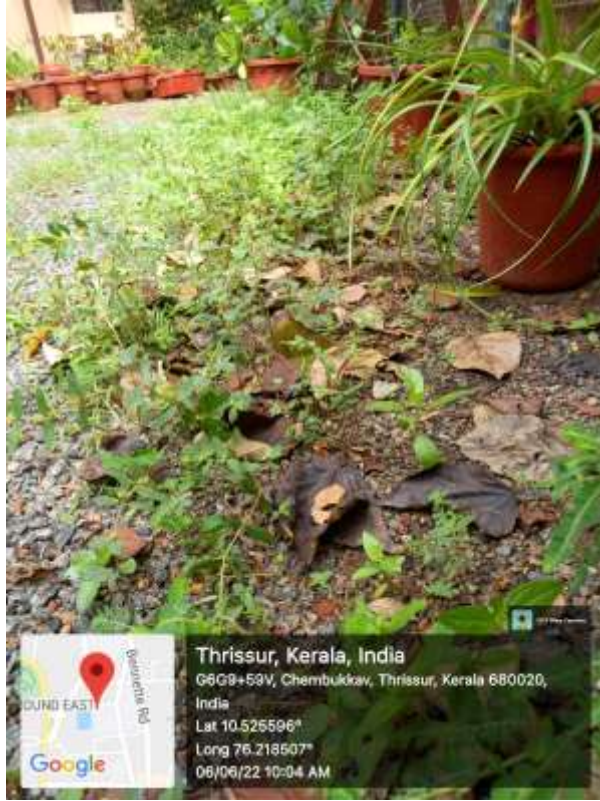
Faculty Co-ordinator
Dr. Kayeen Vadakkan

Student Co-ordinator
Ms. Gopika M.

Brochure of the program



Students at cleaning

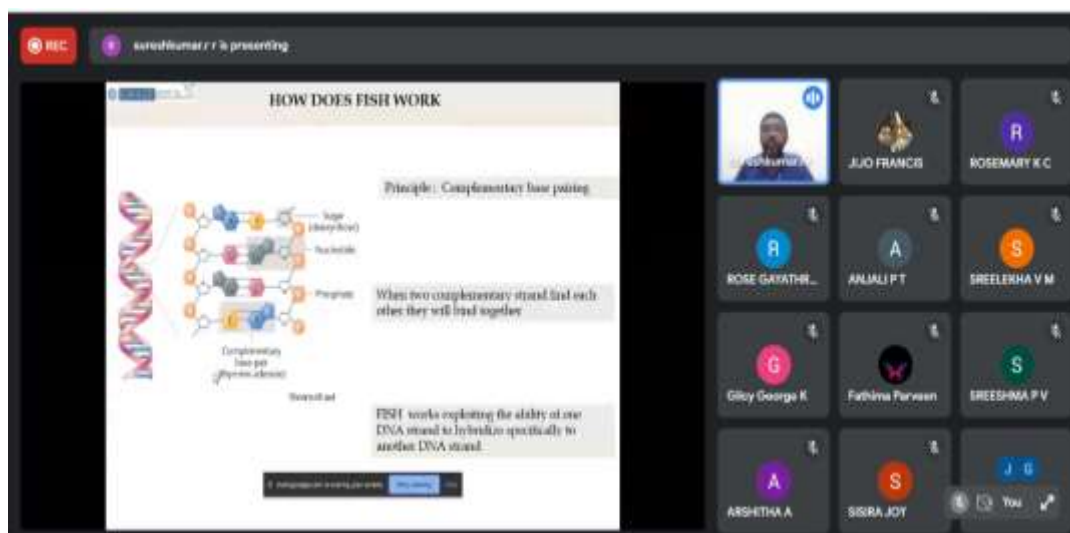


The plot before and after the cleaning

DEPARTMENT OF BIOLOGY

ASSOCIATION INAUGURATION 2022-23

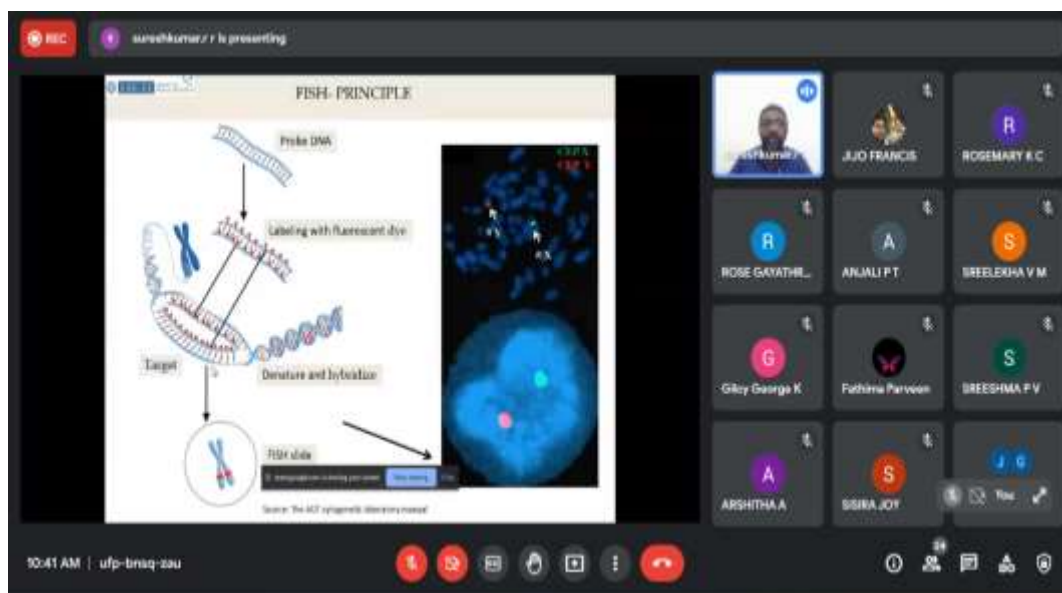
Association activities of the Department of Biology was inaugurated on 23rd June 2022 at 10 am via online mode. **Dr. Asha Raj**, Assistant Professor, SCMS School of Biosciences and Biotechnology, Research & Development Wing, Kalamassery. She delivered a session on the topic “Climate change in an ecologist’s perspective”. The human intervention has deeply affected the ecosystem and the various measures that help to restore it, was discussed thoroughly. The student community had an extremely useful and relevant topic as the lecture.



The screenshot shows a Zoom meeting interface. The main window displays a slide titled "HOW DOES FISH WORK". The slide content includes:

- Principle: Complementary base pairing**
- A diagram of a DNA double helix with labels for Sugar (deoxyribose), Phosphate, and Nitrogenous bases (Adenine, Guanine, Cytosine, Thymine).
- Text: "When two complementary strand find each other they will bind together"
- Text: "Complementary base pair (Adenine, Thymine)" and "Thymine/Adenine"
- Text: "FISH works exploiting the ability of one DNA strand to hybridize specifically to another DNA strand."

On the right side, there is a grid of participant avatars with names: JJO FRANCIS, ROSEMARY K C, ROSE GAYATHRI, ANJALI P T, SREELAKSHMA V M, Gincy George K, Fatima Parveen, BREEISHMA P V, ARSHITHA A, and SIGRA JOY. The bottom of the screen shows the Zoom control bar with a timestamp of 10:41 AM and the user ID ufp-brnq-zau.



The screenshot shows a Zoom meeting interface. The main window displays a slide titled "FISH-PRINCIPLE". The slide content includes:

- A diagram illustrating the process: "Probe DNA" (labeled with a fluorescent dye) hybridizing with a "Target" DNA strand.
- Text: "Labeling with fluorescent dye"
- Text: "Denature and hybridize"
- A diagram of a "FISH slide" showing a target DNA strand hybridized with a probe DNA strand.
- A photograph of a FISH slide showing a blue background with a red and green fluorescent spot.
- Text: "Source: The ABC of cytogenetics laboratory manual"

On the right side, there is a grid of participant avatars with names: JJO FRANCIS, ROSEMARY K C, ROSE GAYATHRI, ANJALI P T, SREELAKSHMA V M, Gincy George K, Fatima Parveen, BREEISHMA P V, ARSHITHA A, and SIGRA JOY. The bottom of the screen shows the Zoom control bar with a timestamp of 10:41 AM and the user ID ufp-brnq-zau.

Glimpses from the event

DEPARTMENT OF BIOLOGY

INTERNATIONAL PLASTIC BAG FREE DAY -2022

Department of Biology organized a workshop on "How to make ecofriendly shoppers bag". The major aim of the workshop was to raise awareness among students about the plastic pollution and its harmful impact on natural environment. The students were trained to make ecofriendly shoppers bag. The workshop received positive feedbacks from the trainees. Anannia Joseph of First semester MSc. Biology was the coordinator of the program. The event was conducted on 04-07-2022 and about 25 students were participated in the workshop. Ultimately the aim of the program was fulfilled by making students capable of making their own eco-friendly bags along with generation of awareness against plastic.



ST.MARY'S COLLEGE THRISSUR
(Affiliated to the University of Calicut, Reaccredited by NAAC with A+ grade)

Less plastic more life
Bring out your inner talents. Lend a hand to mother nature

DEPARTMENT OF BIOLOGY

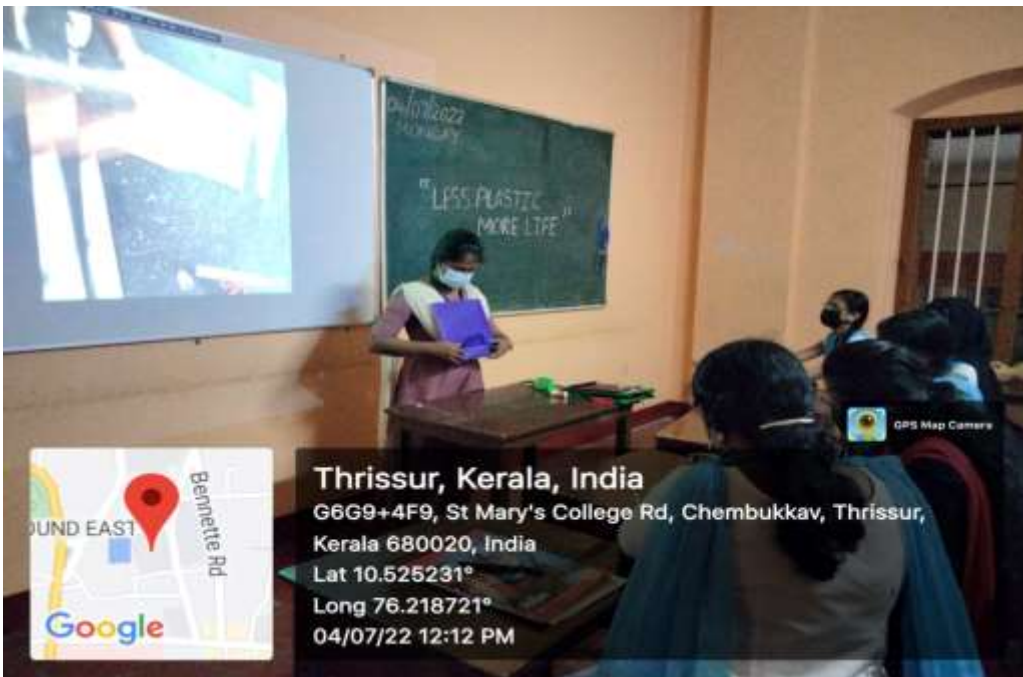
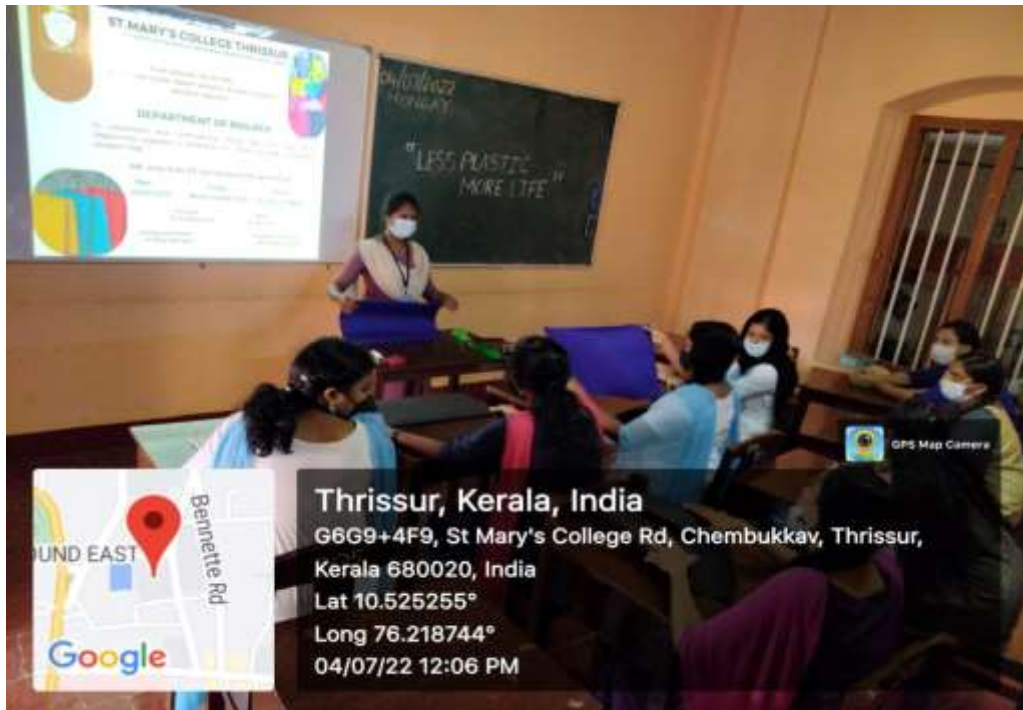
In connection with International Plastic Bag Free Day 2022, department organizes a workshop on " How to make ecofriendly shoppers bag"

NB: only first 25 can attend the workshop

Date	Venue	Time
04/07/2022	Room number 205	12 :00-12:30pm

Principal Sr.Dr.Magie jose	HOD Dr. Anu P A
Faculty coordinator Dr.Gilcy George k	Student coordinator Ms.Anannia Joseph





DEPARTMENT OF BIOLOGY

NATIONAL MANGO DAY-2022

Department of Biology has organized “Mango Sapling Exchange and Visual Feast on GI tagged Kuttiattoor Mango” in connection with National Mango Day 2022, The aim of this programme was to increase the awareness about Kuttiattoor Mango among students, Kerala’s own GI tagged mango. The programme was conducted on 22-7-2022. The venue of the programme was room number 205 and the duration of the programme was from 11.45 onwards. Key highlight of this programme was the exchange of mango saplings among students and to give proper awareness among them about our own native mango variety. The programme was followed by the premiering of a video based on the importance of Kuttiattoor Mangoes. A great participation and overwhelming response were received from the student community.



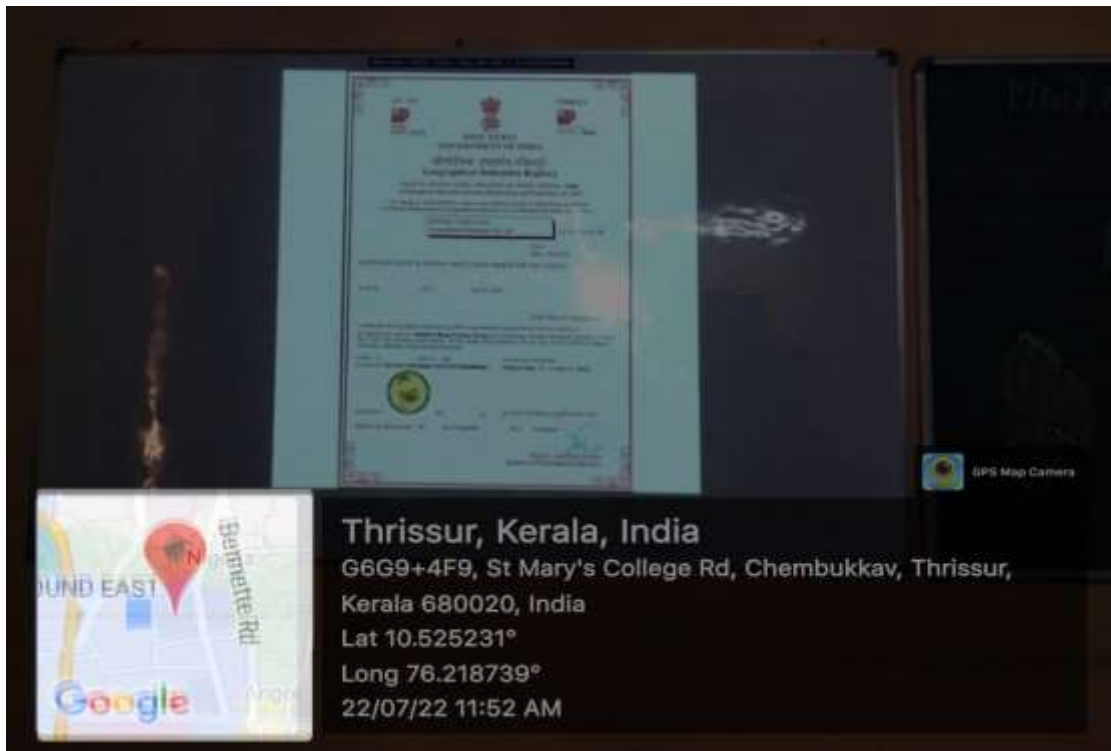
ST. MARY'S COLLEGE, THRISSUR
(Affiliated to the University of Calicut, Reaccredited By NAAC with A+grade)

**DEPARTMENT OF
BIOLOGY**

**In connection with National Mango Day 2022,
department organizes "Mango Sapling exchange
and visual feast on GI tagged Kuttiattoor Mango"**

Date	Venue	Time
22-7-2022	Room No-205	11.40 am -12.10 pm

Principal Sr.Dr.Magie jose.	HOD Dr.Anu P.A
Faculty coordinator Dr.Giloy George k	Student Coordinator Ms.Gopika M.P



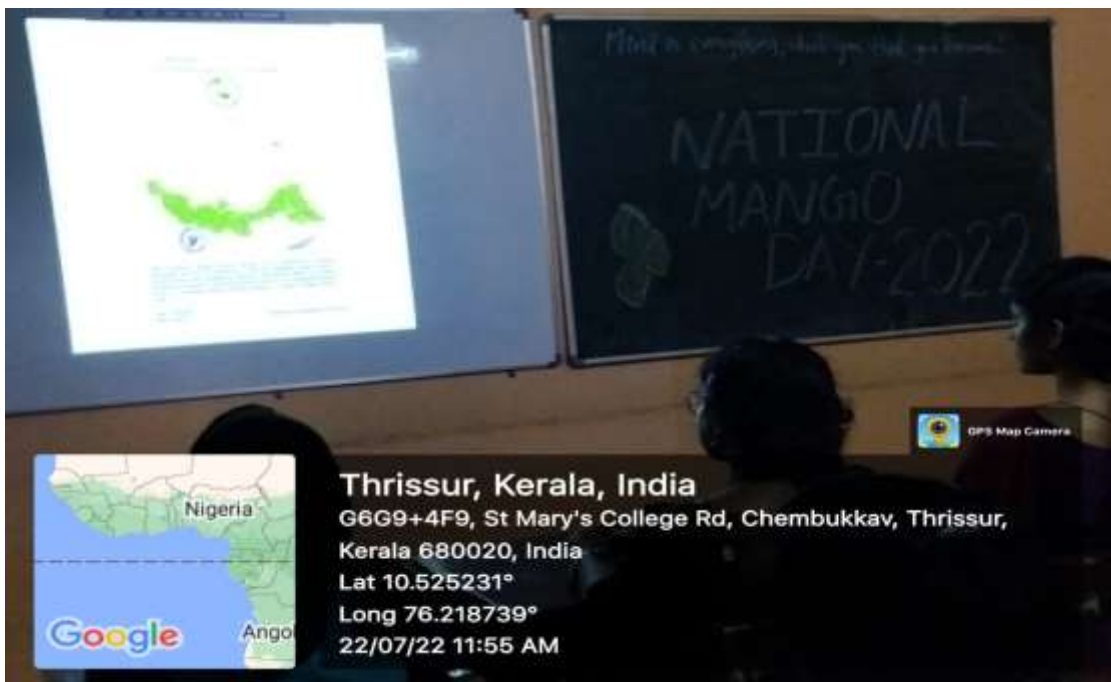
Thrissur, Kerala, India

G6G9+4F9, St Mary's College Rd, Chembukkav, Thrissur, Kerala 680020, India

Lat 10.525231°

Long 76.218739°

22/07/22 11:52 AM



Thrissur, Kerala, India

G6G9+4F9, St Mary's College Rd, Chembukkav, Thrissur, Kerala 680020, India

Lat 10.525231°

Long 76.218739°

22/07/22 11:55 AM

DEPARTMENT OF BIOLOGY

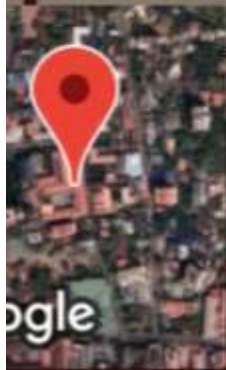
WORLD ENVIRONMENTAL HEALTH DAY 2022-23

Department of Biology in connection with World environmental health day has organized an **Idea Hackathon** on “**Strategies for Healthier Environment**” on **19th October 2022** at Chavara Seminar Hall, St. Mary’s college, Thrissur. A competition for students was arranged, where the best idea for a cleaner and healthier environment was awarded. Students were instructed to orally present their ideas before the judging panel and the time limit was 5 min. There was active participation from the students. Ms. Rajashree Rajeev [II DC History] and Ms. Rosemary [II PG Biology] have secured the first and second positions awards were distributed by Principal, Sr. Dr. Magie Jose. The program had been instrumental in shedding lights on the present scenario of exploitation of Nature and the urgent need of preserving our Mother Earth.





Thrissur, Kerala, India
G6G9+4F9, St Mary's College Rd,
Chembukkav, Thrissur, Kerala 680020, India
Lat 10.525256°
Long 76.218972°
19/10/22 01:42 PM GMT +05:30



Thrissur, Kerala, India

G6G9+4F9, St Mary's College Rd,

Chembukkav, Thrissur, Kerala 680020, India

Lat 10.525243°

Long 76.21902°

19/10/22 01:52 PM GMT +05:30



GPS Map Camera



Thrissur, Kerala, India

G6G9+4F9, St Mary's College Rd,

Chembukkav, Thrissur, Kerala 680020, India

Lat 10.525243°

Long 76.21902°

19/10/22 01:52 PM GMT +05:30

DEPARTMENT OF BIOLOGY

WORLD HABITAT DAY - 2022

Department of Biology organized a thirty-day awareness challenge from 03-10-2022 to 01-11-2022 for the students to implement one idea for providing shelter to the life around us. The idea they implemented can be photographed and those who can provide the shelter or any support to the life around them will be selected as the winner. Students actively participated. The programme as such was successful because it generated thinking among the students that not only the humans but also the life around us should be protected.



ST. MARY'S COLLEGE , THRISSUR
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*Life depends on water and air ,
life depends on our habitat.
Save lives and save our habitat.*



DEPARTMENT OF BIOLOGY

In connection with World Habitat Day 2022 , department organizes a thirty days challenge (from 03/10/22 to 1/11/2022) for the students of our department. " To implement one idea for providing shelter to the life around us ". The winner will be selected based on the best photograph received on how you implement an idea to provide shelter to the life around your own habitat.



NB: The last date to receive photograph is 2/11/2022
Photograph should be Geotagged.

Principal
Dr.Sr.Magle Jose

HOD
Dr. Anu P A

Faculty coordinator
Dr.Gilcy George K

Student coordinator
Devika C B



2497+VWJ, Kuruva Rd, Kuruva, Kerala
676504, India
29 Oct 2022 06:28 PM



R7QH+HWJ, Mundakkottukurssi,
Chalavara, Kerala 679335, India

Latitude	Longitude
10.839563333333	76.280216666666
3334°	67°
Local 12:34:02 PM	Altitude 11.16 meters
GMT 07:04:02 AM	Monday, 24 10 2022

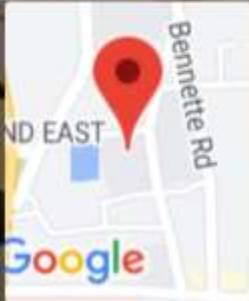
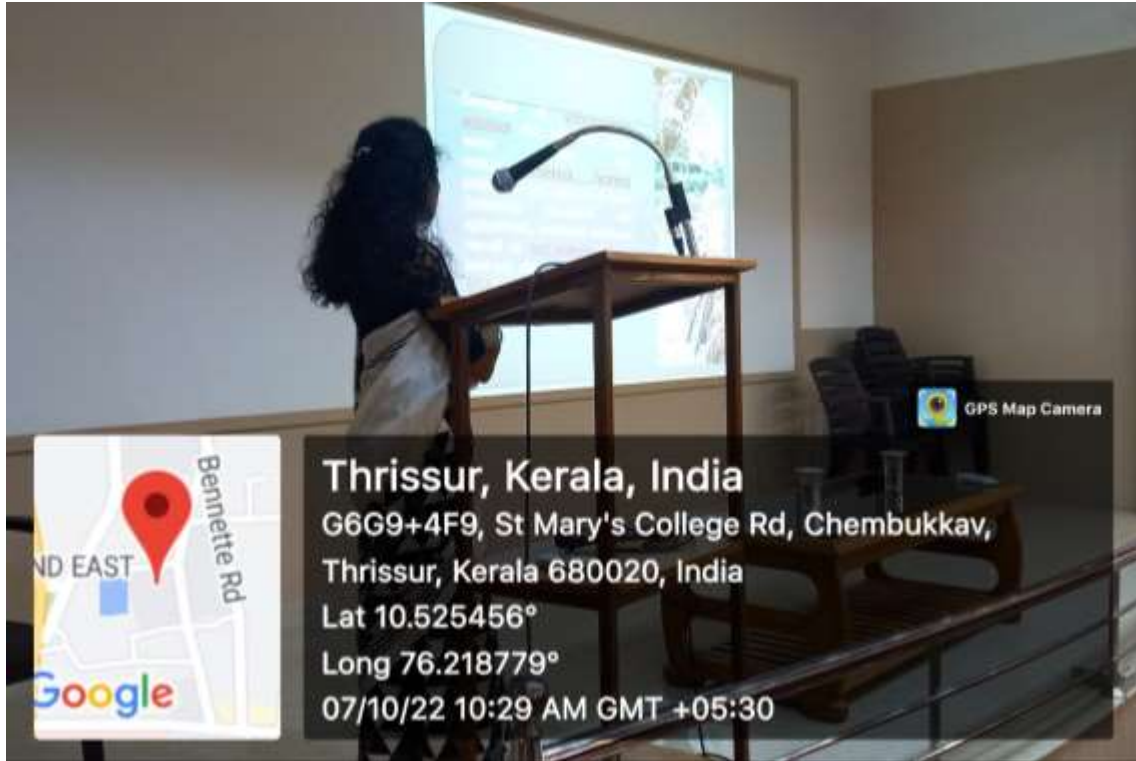


Arimbur, Kerala, India
F5Q3+CP, Arimbur, Kerala 680620,
India
Lat 10.48941°
Long 76.154324°
16/10/22 12:40 PM GMT +05:30

DEPARTMENT OF BIOLOGY

The Department of Biology Association for the academic year 2022-23 was inaugurated on 7th October 2022 by Dr Maya, Assistant Professor, Department of Biotechnology, AMC college, Bangalore. The program commenced at 11 AM in the St. Chavara seminar hall. The program was started with a welcome address delivered by Dr Kayeen Vadakkan in which he mentioned the importance of biology in changing world. The presidential address was given by Dr Anu P A, HOD, Department of Biology during which she stressed the contributions made by women scientists in impacting life science sector. The inauguration followed by a talk on bioremediation was done by Dr.Maya and parted her knowledge with students .





Thrissur, Kerala, India

G6G9+4F9, St Mary's College Rd, Chembukkav,
Thrissur, Kerala 680020, India

Lat 10.525456°

Long 76.218779°

07/10/22 10:29 AM GMT +05:30

 GPS Map Camera