



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society



LEAD TO ILLUMINATE



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ANNUAL REPORT 2020-2021

LENVIN CLUB

INDEX

S. No	Date	Name of the event	Venue
1	24th December 2020	Online Quiz - Power of Ayurveda	Online Quiz
2	19/02/ 2021	GIS – Environment & Human Health- Model and Poster Presentations	Karunya Court
3	27th February 2021	National Webinar- Ecofriendly Waste Recycling by Crap bin: A Novel and Holistic Approach	Online National Webinar
4	19th April 2021	Online Webinar- Veganism - Environmental and Social Impact	Online webinar

➤ The LENVIN Members for the Academic year 2020-21

S No	Name	Position
1	Dr. Gomathi.K	Coordinator
2	Usha Rani	Member
3	Ms. Rama Devi	Member
4	Ms. Rashmi srinidhi	Member
5	Mr. Deepak	Member
6	Dr. Jharna. P	Member
7	Ms. T. Shruthi	Member
8	Vyshnavi Muniganti	Student Secretary



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- **Activity 1: Online Quiz - Power of Ayurveda**
Topic: Ayurvedic Chemicals setting a new Paradigm in Therapy and Pharmaceuticals.
Date: 24th December 2020

Student webinar on Ayurveda and the natural products - Tulsi

2. Which chemical gives a refreshing smell and taste to Tulsi?

sathwik vanam
Criminal
Vaishnavi M
Yes the answers.

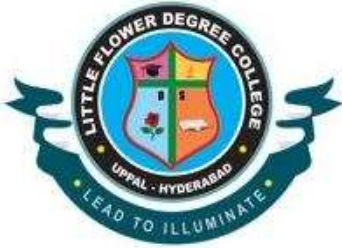
Demo on Ayurvedic medicinal products – Anti cancer drug Colchicine

11. Mitotic inhibitor 'Colchicine' which is used to make anti-cancer drugs is derived from?

A. Colchicum

CC(=O)N[C@@H](C)C[C@H]1C=CC(=C(C=C1)OC)OC

Rachita Kalyana...
and 15 more

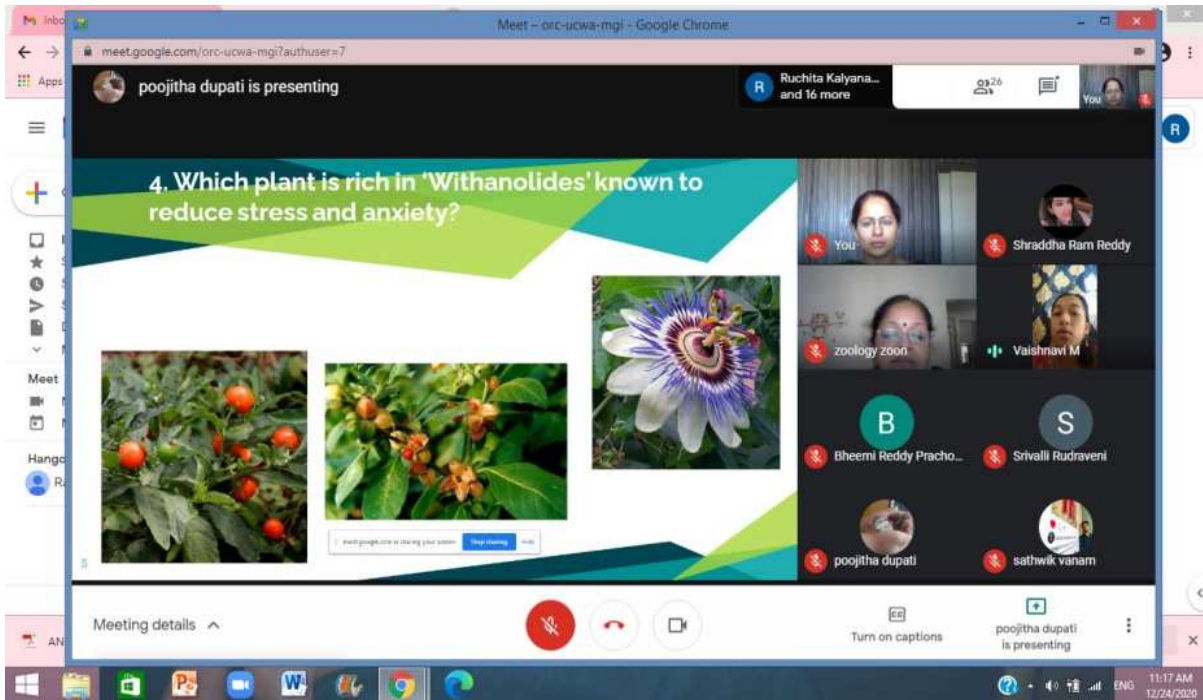


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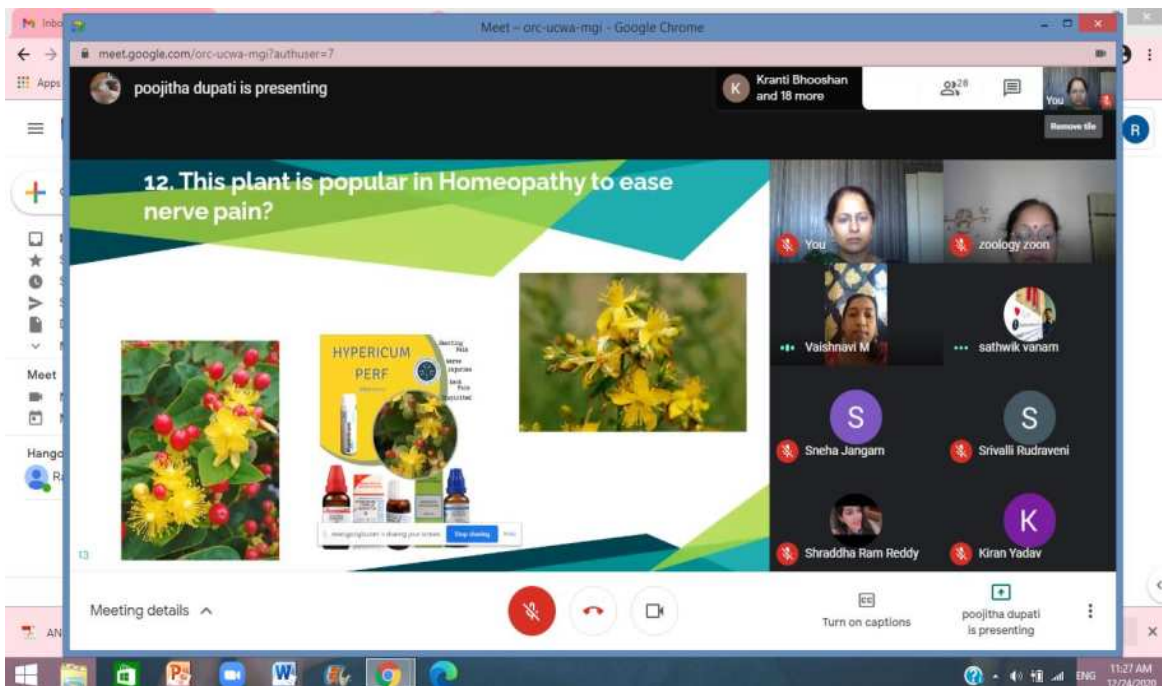
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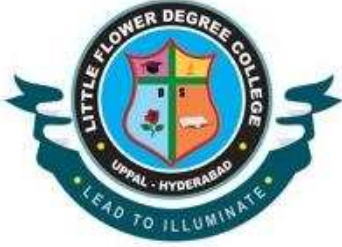
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Ayurvedic product- With an olives



Ayurvedic product Hypericum



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- **Event 2:** GIS – Environment & Human Health- Model and Poster Presentations
Date: 19th February 2021
Venue: Karunya Court



Poster presentation on GIS



Demo on GIS



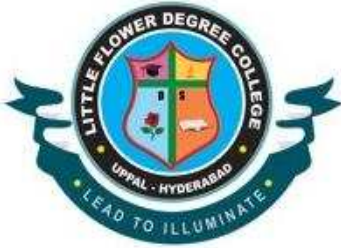
Principal Rev. Bro. Vincent Reddy interacting with student on GIS



Demo on GIS to Vice Principal Ms. Jayanthi Reddy



Model presentation on GIS




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- **Event 3:** National Webinar- Ecofriendly Waste Recycling by Crapbin: A Novel and Holistic Approach
Date: 27th February 2021
Platform: Online National Webinar

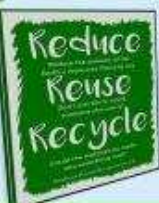



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LENVIN CLUB


(LENVIN - LITTLE FLOWER ENVIRONMENTAL INITIATIVE)
Organizes



NATIONAL WEB-SEMINAR
(For Academicians, Students and Parents)
Date: 27th February 2021. Time: 3:00pm-4:00pm

ON

**"ECOFRIENDLY WASTE RECYCLING BY CRAPBIN:
A NOVEL AND HOLISTIC APPROACH"**



Our aim is:


✓ To create a clean and green consciousness among our citizens through various innovative methods

Click here for Free Registration


Please join us on Zoom Platform

E-Certificate will be awarded

RESOURCE PERSONS



Mr. ZUBER, Mr. NISAR, Mr. MUQUAYYAR AHMED BROTHERS
FOUNDERS OF CRAPBIN-HYDERABAD
ECO - WARRIORS - BORN TO RECYCLE



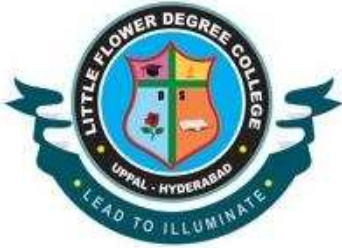
Chief Patron:
Rev. Bro. Vincent Reddy, Principal, LFDC

Patron:
Mrs. P. Jayanthi Reddy, Vice-Principal, LFDC

Club Coordinator:
Dr. K. Gomathi, HOD, Dept. of Zoology
Contact : 8499804693
Email: zoology@lfdc.edu.in

Club Members:
Dr. P. Jharna, Faculty, Dept. of Zoology
Mrs. Rashmi Srinidhi, HOD, Dept. Of Chemistry
Mrs. M. Rama Devi, Faculty, Dept. Of Chemistry
Mrs. J. Usha Rani, HOD, Dept. Of Microbiology
Mr. K. Deepak Raj, HOD, Dept. Of Biotechnology
Ms. T. Shruthi, HOD, Dept. Of. Botany

Ecofriendly waste recycling by Crap bin flyer & National Webinar founders Mr Zuber & Mr Muquayyar Ahmed Brothers

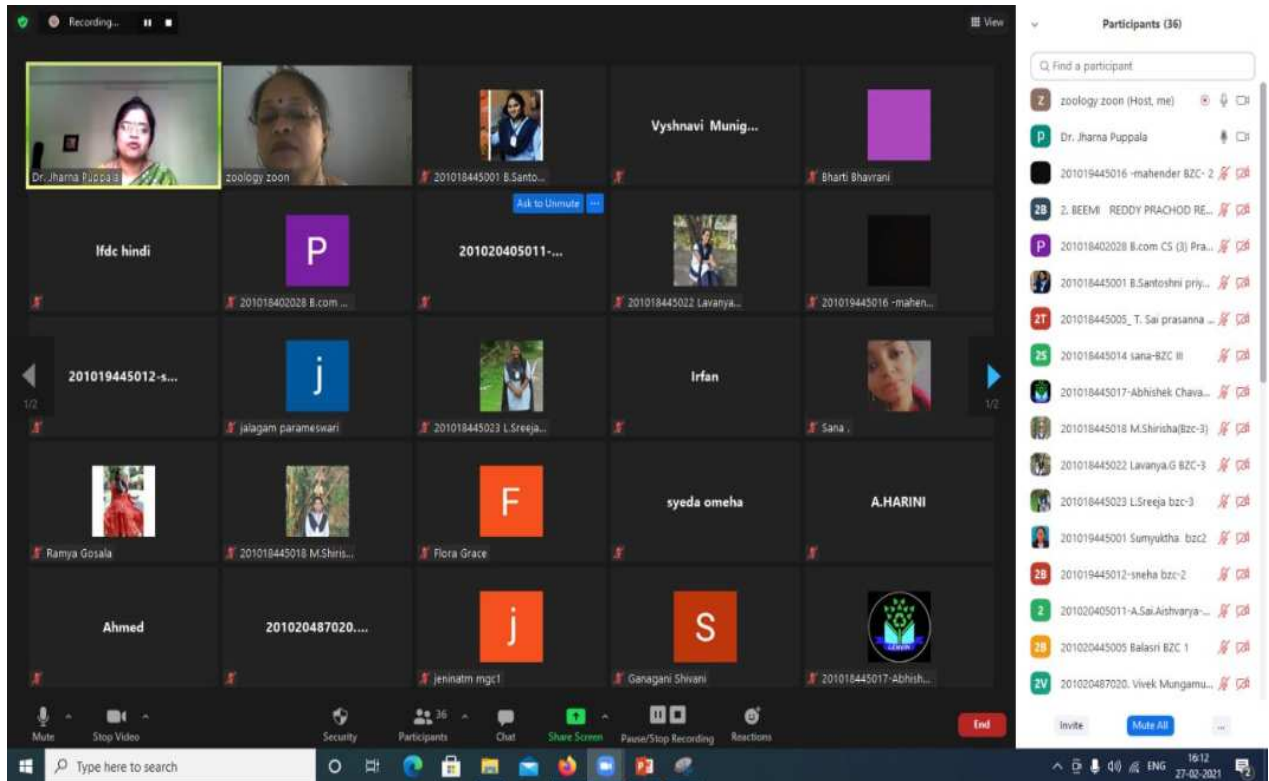


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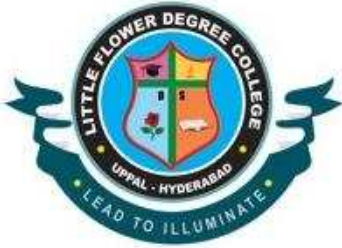
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The process of Recycling demonstrated by Crapbin Founders



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What are we Recycling now?

- Plastic**
 - Water bottles
 - Shampoo bottles
 - Plastic appliances
 - Milk/Oil packets
 - All Dry Plastic Items
- Metal**
 - Tin Cans, **Electronic Waste**
 - Iron, Aluminum, Steel, Brass
 - Home Appliances i.e. Fridge, Washing machine, Batteries etc.
 - All kinds of metal items
- Paper**
 - News-papers
 - Cartons
 - Books & White Papers
- We don't Recycle**
 - pillows
 - No Food items
 - No any wet waste
 - No packaging covers, Tetra packs
 - No shiny covers, Ex: Chips Packets

Recycling process webinar

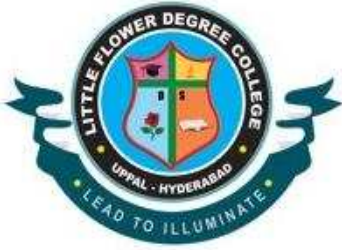
Reduce Reuse Recycle

Reduce the amount of the Earth's resources that you use

Don't just bin it, could someone else use it?

Could the materials be made into something new?

“Thank you”



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- **Event 4: Online Webinar- Veganism - Environmental and Social Impact**
Date: 19th April 2021

Thank you!!!

BE KIND TO EVERY KIND.

Vegan for

- THE ANIMALS
- PURE WATER
- WORLD HUNGER
- THE RAINFOREST
- COMPASSION
- WILDLIFE
- OUR HEALTH
- PEACE
- OUR PLANET

Meeting details: poojitha dupati is presenting

DEFORESTATION

1-2 ACRES RAINFOREST ARE CLEARED EVERY MINUTE

ANIMAL AGRICULTURE IS RESPONSIBLE FOR 91% OF AMAZON DESTRUCTION

WATER USE

1 HAMBURGER = 660 GALLONS WATER

EQUALS TO SHOWING 2 M³

WASTE

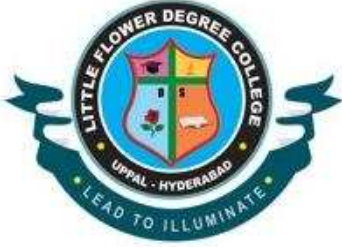
WASTE FROM A FARM OF 2500 DAIRY COWS = WASTE FROM A CITY OF 41 000 PEOPLE

CLIMATE CHANGE

GLOBAL GREENHOUSE GAS EMISSIONS

- 51% DUE TO LIVESTOCK AND THEIR BYPRODUCTS
- 13% DUE TO TRANSPORT (ROAD, RAIL, AIR & MARINE)

Meeting details: Chavali Madhubala is presenting



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Van Mahotsav – Report

Event: National Webinar series-Van Mahotsav-National Tree Plantation Week

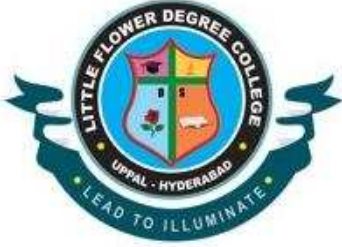
Title: Van Mahotsav- Forest restoration- A path to recovery & well being
Little Flower Green gold drive

Date: July 1 To 7th 2021

Objective: To create awareness on tree plantation drive in Van Mahotsav

Outcome: The participants had actively participated in plantation drive, even during lockdown they had planted saplings in the neighborhood and participated by sending photos of the plantation drive





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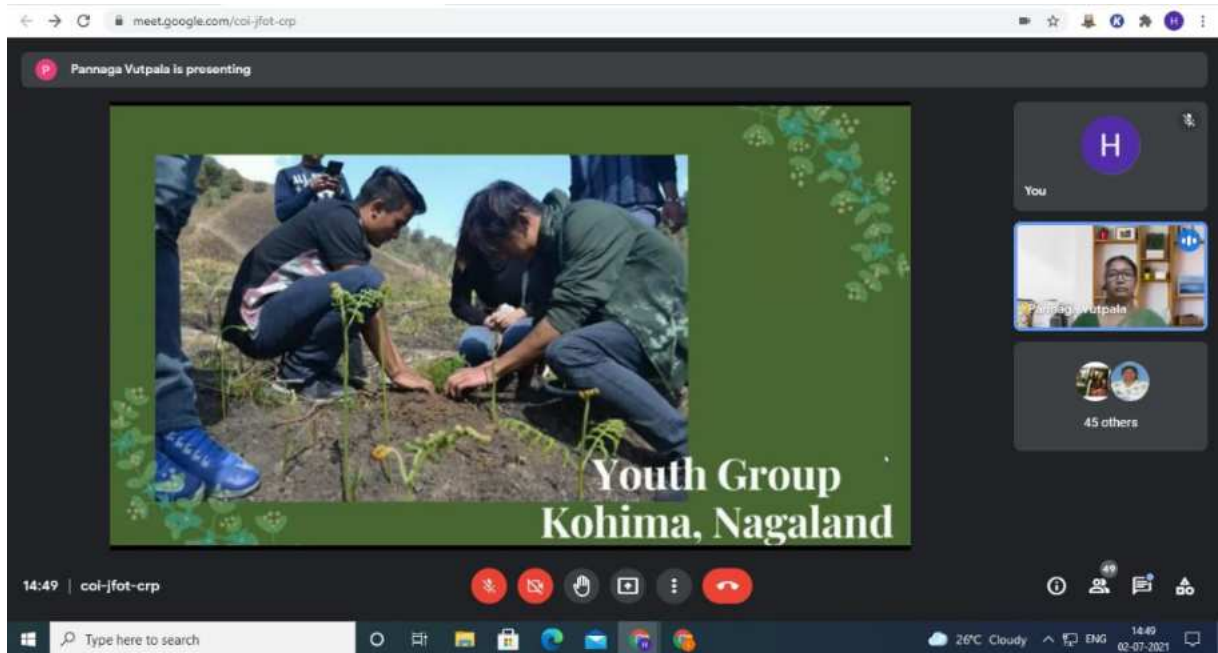
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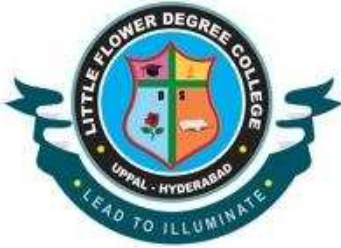
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Inauguration Of VanMahotsav tree festival National online Webinar series by Shri.Raghuveer.P IFS (Retd)



Plantation drive by students' group, Nagaland



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Dr. A. Vijaya Bhasker Reddy is presenting

REC

15:08 | coi-jfot-crp

27°C Cloudy

ENG

15:08 02-07-2021

Little Flower Green gold drive

Dr. A. Vijaya Bhasker Reddy is presenting

REC

14:54 | coi-jfot-crp

26°C Cloudy

ENG

14:54 02-07-2021

One-week Vanmahotsav Tree festival by Dr. Vijaya Bhasker Reddy, Asst. Prof, Dept. of Botany, Nizam College, Osmania University



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IUCN Red List Criteria for Ecosystems

Listing Criteria (decision rules)

- A** Distribution reduction
- B** Restricted distribution & decline
- C** Degradation of abiotic environment
- D** Disruption to biotic processes
- E** Quantitative estimates of risk of collapse

Each ecosystem type assigned to an ordinal category of risk

Quantitative thresholds

Colapse Risk

Least concern
Near-threatened
Vulnerable
Endangered
Critically endangered
Collapsed

Click to add notes

15:18 | coi-jfot-crp

Remote Sensing data

MODIS Natural Colour Composite image 24th November 2019

AWIFS False Colour Composite (FCC) image March 2018

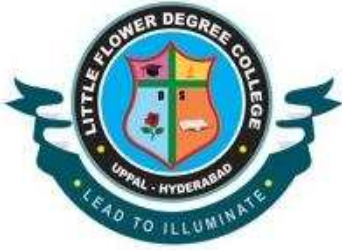
LISS III FCC image Feb. 2018

Sentinel-2 images 10x10km area

Cartosat-3E image

14:49 | zok-kudy-rxm

Dr.Sudhakar, Scientist, National remote sensing Centre delivering on Remote sensing



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The screenshot shows a Google Meet window with a presentation slide titled "Orchids, Grasses, Mosses, etc.". The slide lists the following components of agroforestry:

- **Forest floor** (fallen leaves, branches, twigs, fruits, flowers, seed, left-over animal body parts, excreta. etc.)
- **Soil-fauna** (earthworms, mice, moles, termites, spiders, mites, centipedes, etc.) and **Soil-flora** (bacteria, fungi, algae, etc.) – **Humus** (organic layer over mineral soil)
- **Animals – Terrestrial and Arboreal** (mammals, reptiles, amphibians, birds and a **very large variety of insects** such as bees, butterflies, beetles, cicadas, crickets, dragonflies, grasshoppers, moths, etc.)

The meeting interface shows several participants in a grid view, including Dipak Sarma, Shruithi Daniel, Rubina Hindra, Ifdc english, Suvarna Jeevapuri, Himabindu, and 63 others.

Shri.Dipak Sarma, IGS(Retd), delivering lecture on Agroforestry during VanMahotsav

The screenshot shows a Google Meet window with a presentation slide titled "CLELAND WILDLIFE PARK 1945". The slide features images of koalas and kangaroos, with labels "Koala" and "Kangaroo". A "Polono" label is also visible. A notification at the bottom of the slide reads: "Are you talking? Your mic is off. Click the mic to turn it on." The meeting interface shows several participants in a grid view, including Ifdc maths, sudhakar reddy, Chrysantha Alex., Swapna Tanguturi, Dr. Afana Tamboli, Maithri Mothe, Vaishnavi M, Ravi Kollooru, Anji Janagala, and 28 others.

Dr Syeda Azeemunisa, Prof, Dept. EVS, Osmania University on Environment



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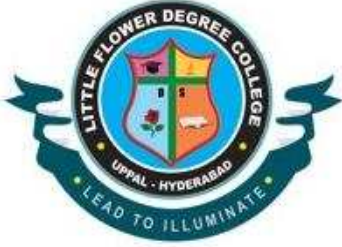
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The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "DISTRIBUTION OF MANGROVES IN" with a pie chart showing the distribution of mangrove cover in 2019 across various regions. The pie chart is divided into several segments, with the largest being West Bengal (34%). Other regions include Andhra Pradesh (12%), Odisha (10%), Karnataka (8%), Kerala (7%), Tamil Nadu (6%), Gujarat (5%), and Maharashtra (4%). A list of participants is visible on the right side of the screen, including Bobitha Jakki, Bhavani Adepu, CHANAKYA PINDALA, DARAHASA K, Deepak Raj Kella, Dhvani Nama, Gayathri Devi Daroori, Harini Aakula, and Jayashrestha Poisetty.

Dr Prabhakar, Andhra Loyola College, Vijayawada, session on Mangroves conservation

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Co-Benefits: AgriWaste Management to Limit the GHG Emissions". The slide lists several benefits: Soil health and productivity, Environmental benefits: water, biodiversity, odour, Greater food security and resilience, energy savings, and Improved human health. Below the text is a grid of icons representing the 17 Sustainable Development Goals (SDGs). A list of participants is visible on the right side of the screen, including SAI SOWJANYA M, Prashanth Manthramurthy, Amena Khaloon, Neelima Devulapalli, and SHRADDHA REDDY MEKALA.

Dr Shiva Prasad, Director, Ahaarya Eco-tech Pvt Ltd, on Agricultural waste management



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