



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

LEAD TO ILLUMINATE



LENVIN CLUB



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

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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

Ruchita Kalyana...
Colchicum



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meet.google.com/orc-ucwa-mgi?authuser=7

poojitha dupati is presenting

Ruchita Kalyana... and 16 more

4. Which plant is rich in "Withanolides" known to reduce stress and anxiety?

Meeting details

11:17 AM 12/24/2020

Ayurvedic product- With an olives

meet.google.com/orc-ucwa-mgi?authuser=7

poojitha dupati is presenting

Kranti Bhooshan and 18 more

12. This plant is popular in Homeopathy to ease nerve pain?

Meeting details

11:27 AM 12/24/2020

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





LITTLE FLOWER DEGREE COLLEGE

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UPPAL, HYDERABAD

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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Recording... | View

Participants (36)

Find a participant

zoology zoon (Host, me) | Dr. Jharna Puppala | 201018445001 B.Santoshini priy... | Bharti Bhavrani | 201018445016 -mahender BZC- 2 | 2. BEEMI REDDY PRACHOD REDDY | 201018402028 B.com CS (3) Pra... | 201018445001 B.Santoshini priy... | 201018445005_ T. Sai prasanna ... | 201018445014 sana-BZC III | 201018445017-Abhishek Chava... | 201018445018 M.Shirisha(Bzc-3) | 201018445022 Lavanya.G BZC-3 | 201018445023 L.Sreja bzc-3 | 201019445011 Sumyuktha bzc2 | 201019445012-sneha bzc-2 | 201020405011-A.Sai.Aishwarya... | 201020445005 Balasri BZC 1 | 201020487020. Vivek Mungamu...

lfdc hindi | 201018402028 B.com ... | 201020405011-... | Vyshnavi Munig... | Ask to Unmute | 201018445022 Lavanya... | 201019445016 -mahen... | 201019445012-s... | jalagam parameswari | 201018445023 L.Sreeja... | Irfan | Sana... | Ramya Gosala | 201018445018 M.Shiris... | Flora Grace | syeda omeha | A.HARINI | Ahmed | 201020487020.... | jeninatm mgc1 | Ganagani Shivani | 201018445017-Abbish...

Mute | Stop Video | Security | Participants | Chat | Share Screen | Pause/Stop Recording | Reactions | End

Type here to search | 16:12 27-02-2021

Zoom Meeting 40-Minutes | What is Recycling? | View Options

Recording... | View

Participants (49)

Find a participant

zoology zoon (Host, me) | Ahmed | Irfan | A.HARINI | Jahnvi garsha | 19445012-sneha kalakoti-bzc-2 | 201018402028 B.com CS (3) Pra... | 201018445001 B.Santoshini priy... | 201018445005_ T. Sai prasanna ... | 201018445012 M.Akhila Bzc-3

Invite | Mute All

Chat

From Me to Everyone:

https://docs.google.com/forms/d/e/1FAIpQLSdyYO4kxO6vZmhYMAPNmCjKjHXV57V5C_nTcYnlwEt5mzqA/viewform?usp=sf_link Attendance form LENVIN Crapbin

Dear participants please fill the attendance form

To: Everyone | File | Type message here...

What is Recycling?

- Three R's – Reduce, Reuse and Recycle
- Process of recovering material from waste and turning it into new products
- Three types of Recycling
 - a. Primary Recycling
 - b. Secondary Recycling
 - c. Tertiary Recycling
- Benefits of Recycling

PLASTIC RECYCLING

support@crapbin.com

Mute | Stop Video | Security | Participants | Chat | Share Screen | Pause/Stop Recording | Reactions | End

Type here to search | 15:29 27-02-2021

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 Packs

Participants (49)

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”

Participants (26)



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

Thank you!!!

Vegan for Every

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

BE KIND TO EVERY KIND.

Meeting details: poojitha dupati is presenting, 28 participants, 15:23, 20-04-2021.

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 = EQUIVALENT TO SHOWERS FOR 2 M

WASTE

WASTE FROM A FARM OF 2500 DAIRY COWS = WASTE FROM A CITY OF 411000 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, 26 participants, 15:28, 20-04-2021.



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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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REC Raghu Veer is presenting

Economic Value of Ecosystem Services

Vanamahotsav

P. Raghuveer IFS
Prl. Chief Conservator of Forests (Rtd)
Hyderabad

14:47 | mqr-qyiq-ncz

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

Pannaga Vutpala is presenting

Youth Group Kohima, Nagaland

14:49 | coi-jfot-crp

Plantation drive by students' group, Nagaland



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15:08 | coi-jfot-crp

Little Flower Green gold drive

14:54 | coi-jfot-crp

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/biotic degradation and quantitative models
- D Disruption to biotic processes
- E Quantitative estimate of risk of collapse

Assesses ecosystems' risk of collapse, in terms of extent loss, abiotic/biotic degradation and quantitative models

Each ecosystem type assigned to an ordinal category of risk

Quantitative thresholds

Collapse Risk

Collapsed
Critically endangered
Endangered
Vulnerable
Near-threatened
Least concern
Data deficient

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

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



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Orchids, Grasses, Mosses, etc.

- **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.)

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

CLELAND WILDLIFE PARK 1945

Koala

Kangaroo

Potoroo

Are you talking? Your mic is off. Click the mic to turn it on.

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



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DISTRIBUTION OF MANGROVES IN

Mangrove Cover 2019

State	Percentage
Goa	0.2%
Odisha	2.4%
Kerala	0.2%
Karnataka	0.2%
Andhra Pradesh	0.2%
Tamil Nadu	0.2%
West Bengal	0.2%
Chennai	0.2%
Madhya Pradesh	0.2%
Andhra Pradesh	0.2%
Odisha	0.2%
Kerala	0.2%
Karnataka	0.2%
Andhra Pradesh	0.2%
Tamil Nadu	0.2%
West Bengal	0.2%
Chennai	0.2%
Madhya Pradesh	0.2%

14:53 | fxa-jgjo-zmr

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

Co-Benefits: AgriWaste Management to Limit the GHG Emissions

- Soil health and productivity
- Environmental benefits: water, biodiversity, odour
- Greater food security and resilience, energy savings
- Improved human health

The Global GOALS For Sustainable Development

15:39 | bkh-tgdg-aso

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