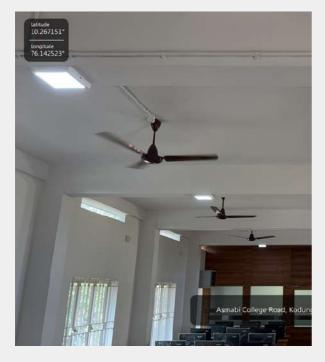


1. ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

POLICY ON ENERGY CONSERVATION



ENERGY SAVING MEASURES





 Energy efficient LED lights are used In Classrooms, labs, Library, Office, Seminar halls, Auditorium and hostels

- NEW ceiling fans using are Brushless Direct Current (BLDC) energy efficient fans
- Star rated equipments are using as far as possible
- All the CRT monitors are replaced by LED monitors
 - 'Swith of Light and Fan when leaving the room', 'turn of Water taps when not in use' are displayed wherever needed.



 Water pumping systems are sensor based and there is no loss of water and also save energy

Solar panels are installed in the campus and is connected to the grid.





Power generated from Solar Pannal are linked to GRID



BIOGAS PLANT

A BIOGAS PLANT IS FUNCTIONAL IN THE COLLEGE HOSTEL AND TURNS THE WASTE THUS COLLECTED INTO SUSTAINABLE ENERGY.





2. MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NON-DEGRADABLE WASTE

WASTE MANAGEMENT POLICY



MES ASMABI COLLEGE

www.mesasmabicollege.edu.in





Separate bins for plastic and paper waste in the class room



Eco-friiendly waste bins made by the students

CENTRAL WASTE COLLECTION UNIT IN THE CAMPUS







VERMICOMPOST UNIT

INSTITUTION HAS VERMI COMPOSTING FACILITY AND SELL THROUGH INCUBATION UNIT FOR WASTE MANAGEMENT





FISH WASTE TO FISH SILAGE PROGRAMME



Department of
Aquaculture effectively
utilises fish waste. Fish
waste after necessary
treatment is used as
animal feed or garden
supplement. The initiative
is significant 'Clean and
Green Campus' strategy

WASTE MANAGEMENT

Plastic waste is segregated and handed over to harithakarma sena of the panchayat







WHEREAS Party No. 1 herein has set up a facility at XIII/194, K Pudur, Kanjik de 779593

Palakkad for collecting, storing and transportation of E-Waste generated from public and private sector institutions from Kerala with the approval of Kerala State Pollution Control Board and is presently engaged in collection of E-Waste for scientific disposal. The E-Waste for scientific disposal. The E-Waste stored in its facility would be then transported to the central processing fieldity at Hyderabad for further recycling and processing till a similar facility is set up in Kerala.

WHEREAS Party No. 2 is desirous of getting affiliated to Party No. 1 and Party No. 1 having offered to facilitate all legally possible help to discharge the responsibility and liability of Party No. 2, towards the Pollution Control Board in the subject matter on the following terms and conditions; this agreement of affiliation witness as follows:

Terms and Conditions

Party No. 2 understands the origin, purpose and function of Party No.1.
 The affiliation of Party No.2 with Party No.1 shall be for the period of one year initially, commencing from this date. The affiliation shall be renewed for further period on mutual consent in writing with Party No.1.

രാകേഷ് എസ്. സ്പെഷ്യത വെണ്ടർ കൊടുങ്ങല്ലൂർ

2 4 FEB 2023

Then mes and excellence





Loading of e-waste by Earth Sense Recycle Pvt. Ltd, Palakkad

E WASTE COLLECTED IN THE COLLEGE IS HANDED OVER TO 'EARTH SENSE RECYCLE PVT LTD

INCINERATOR 2





The strategically positioned incinerator within campus exemplifies our commitment to efficient waste management, employing state-of-the-art technology to responsibly dispose of waste while minimizing environmental impact.

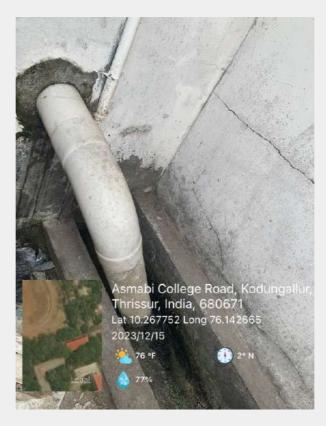


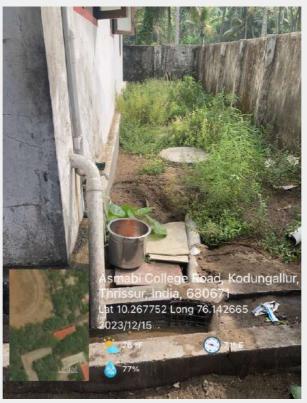




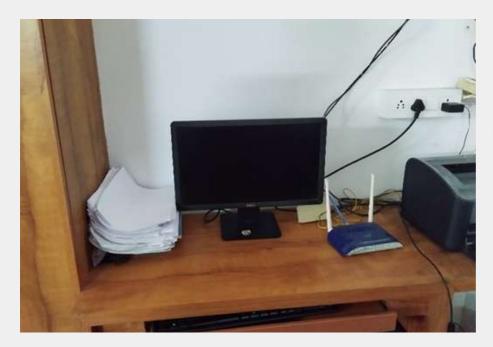
INCINERATOR 3

E. WATER WASTAGE REDUCTION





Re Use and E-Office



Implemented steps for waste minimization by reusing one side printed paper for internal communication and resorting to e office as far as possible

UPCYCLING









Upcycling is a sustainable and creative approach to repurposing discarded materials, transforming them into new and useful products. It involves giving new life to items that would otherwise end up in landfills, reducing waste and environmental impact. By upcycling, individuals and businesses can contribute to a more circular economy, emphasizing resource efficiency and minimizing the consumption of raw materials

DEDICATED CLEANING TEAM

The dedicated cleaning team of our college plays a crucial role in maintaining a hygienic and sanitary environment for students and staff. They address specific requirements of classrooms, laboratories, and common areas, providing an effective approach to cleanliness; there by enhancing the overall aesthetics by creating a positive and conducive atmosphere for learning.



SWACHHTA PLEDGE



SWACHHTA PLEDGE



एक क्ट्रम स्वच्छला की और

I take the piedge will remain committed towards cleanliness and devote time for this.

Ewill devote non-bours per year to work for cleanliness.

Ewill refifter littler nor let other litter.

L pledge to:

- initiate the quest for cleanliness with myself, my family, my locality, my city and my workplace.
- conserve water every day, use it wisely, save every drop and promote construction of rain water harvesting structure in the society.
- create and maintain strict and sustainable environment standards personally and professionally.
- follow the 5R policy of waste management to refuse,
 reduce, reuse, repurpose and finally recycle the waste.
- take energy saving actions in your home today that will reduce greenhouse gas emissions and help protect our planet tomorrow and for good.
- propagate the message of Swachh Bharat Mission in community around me and contribute in making my country clean.

Poster Making Competition on Energy Conservation



As part of
"URJAKIRAN" programme,
MES Asmabi College,
Bhoomithrasena club in
association with KIDS
(Kottapuram Integrated
Development Society)
conducted poster making
competition in the subject of
"Energy Conservation" on 13th
February 2019 at 10 a.m





A two-day event was organised with Khadi Gramodhyog Bhavan, N. Paravur.

Training on the art of paper bag making, empowering individuals to make a positive impact by reducing plastic waste in their daily lives

3. Water conservation



- A rainwater tank is functional at the hostel with a capacity of 10000 liters.
- collected water is used for domestic purposes in the hostel.
- The plants and trees watered by using this facility.
- It is also used for laboratory purposes, irrigational needs of the college and flushing toilets.









GREEN CAMPUS AWARDS

In Recognition of the Green Protocol Activities , the college was awarded the highest A Grade Haritha office by Green Kerala Mission, Government of Kerala two times



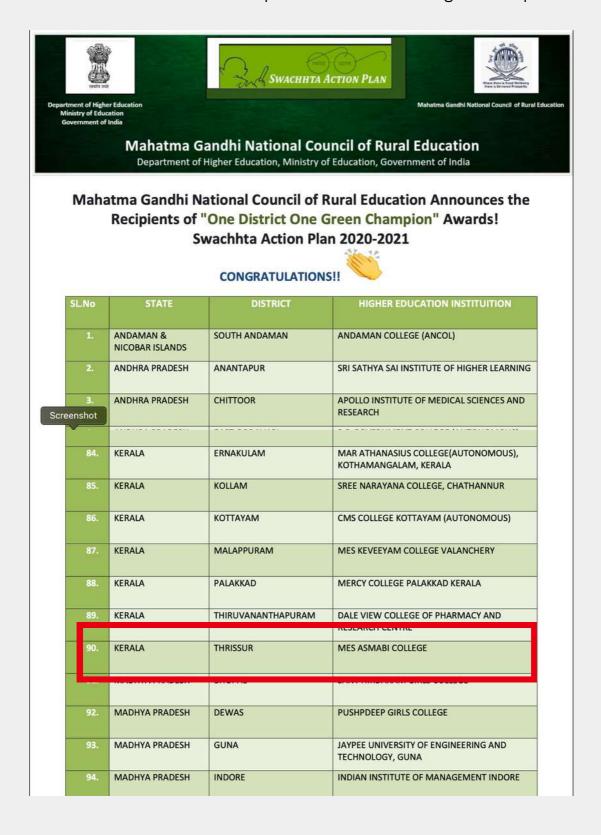
Haritha office Certificate 2019



Haritha office Certificate 2022

ONE DISTRICT, ONE GREEN CHAMPION AWARD

Mahatma Gandhi National Council of Rural Education (MGNCRE) was awarded with 'One District One Green Champion'award to our college on 22 April 2021



GREEN CAMPUS INITIATIVES

Aim

To promote environmental sustainability in college.

Vision

The vision of the GCI is to campus towards a carbon- neutral, environmentally conscious institution through the volunteer efforts of staff and students.

Objectives

- To promote sustainable and eco-friendly practices on the campus
- To develop alternative measures to solve environmental challenges
- · To incorporate green protocol among students and faculties.
- To motivate staff, students and teachers through environmental literacy
- To establish an efficient way of waste management and recycling systems
- To promote campus into a plastic-free manner
- To prevent wasteful and unhealthy use of resources
- · To ensure waste, water and energy management
- To decrease energy consumption to enhance energy utilization efficiency
- To change the campus into a pollution-freeand environmentally friendly manner

Major Green campus Initiatives

Green
Protocol
and Eco
friendlyPlasti
c free
campus

Solar Pannel Biogas Plant Vermicompost plant Use of
LED bulbs
and star
rated
equipments

Solid,
Liquid
and e waste
Waste
Management

Institutional
Planting
Garden
Medical
Garden

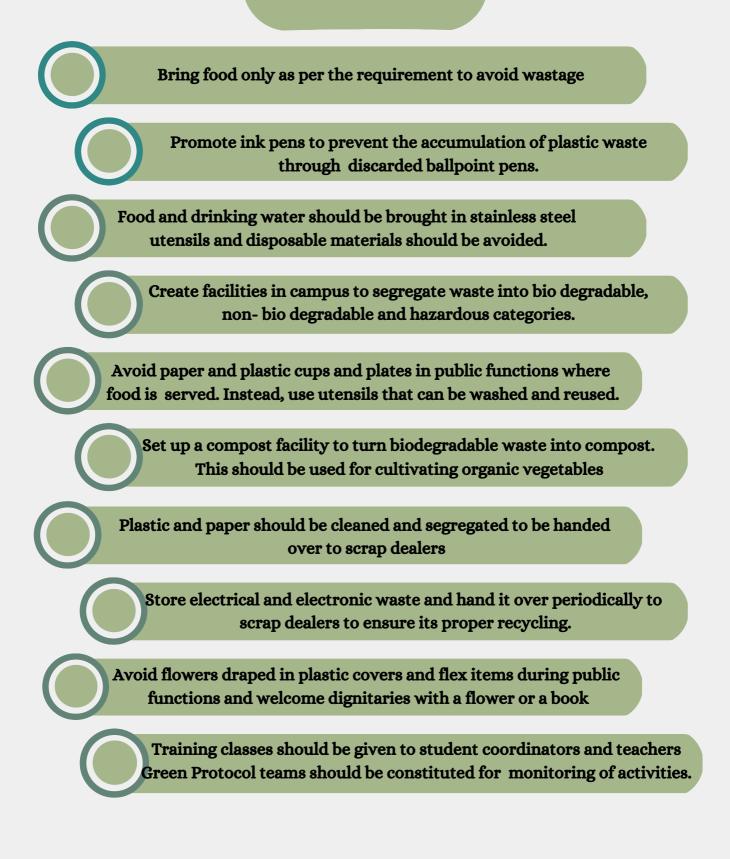
Departmental
Green
Challenge

Separate
collection of
Biodegradabl
e
and Non
biodegradable
wastes

Awareness
Campaign
/Seminar/Pr
ocession
/Fieldtrips

Production and promotion of eco-friendly products

Green Protocol



Green campus





Our institution promotes 'sustainable landscaping' in a bid to create an environmental friendly milieu in the campus. An AMC is functional in the college for garden maintanence.

GREEN PROTOCOL SIGNBOARD



Green protocol signboard is displayed in the campus as a reminder of the green practices to be practised inside the campus.

Cleaning Activities

Our students regularly engage in campus cleaning in tune with the Green Policy of the institution.









Medicinal Garden





Department of Botany of the college maintaining a medicinal plant garden inside the campus consisting of forty variety of Plants. These plants in the garden are mainly used for the preparation of Ayurvedic medicines

Nursury of Threatened species





Bhoomithrasena Club have gathered to develop seed bed for coastal restoration on 8th June 2022. The seeds collected from the local area especially the Calophyllum inophyllum were sowed in the seed bed for its germination with proper spacing and nutrient support. They developed a nursery by collecting the seeds and seedlings from their local area and that were kept for restoration sites this year.

Agriculture Initiative







The college under the auspices of NSS cell has promotes agricultural practices as part of its green campus initiatives. The step also promotes sustainable agricultural practices.

Vegetable Cultivation in the Campus





To promote sustainable agriculture and create a greenier and healthy environment vegetable cultivation is in practice in the campus.

Departmental Green Challenge

Dept. of Commerce and Management studies







Held an exhibition of green products and sold plants among students and faculties of our college

Departmental Green Challenge

Research Department of English



Department of English conducted an awareness campaign, initiated the use of eco friendly products, planted 5 Male Stoma Plants and beautified the department with decorative plants.

Promotion of Public Transport and Bicycles





As part of green protocol Bhoomitrasena, NSS and college union organized 'no carbon day' on 8 th November 2019. Ninety percent of college staff and students displayed their spirit by using public transportation on the day.

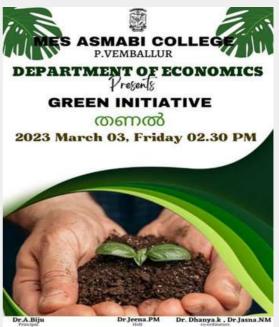


Departmental Green Challenge

PG Department of Economics



As part of the *Thanal* (Shade)-'Nurturing nature and the mankind' programme of the Department of Economics,
Department distributeds
Syngonium little star plant in to 17 departments of the college on 3rd March 2023



Departmental Green Challenge Department of Computer Application



saplings Distribution to Students



presentation on E -Waste Recycling Methods by students

Promotion and Use of Ecofrindly products

Different departments, NSS, ED club make and distributed paper pens to reduce plastic pens. The training is beneficial in imparting green ideas and implementing green protocol in the campus



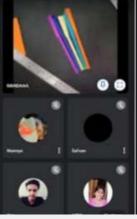


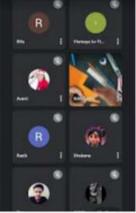
Paper pen making workshop organised by Department of Commerce











Online workshop on Paper pen Makibg

Departmental Green Challenge

Department of commerce

Waste bin making





MES ASMABI COLLEGE, P.VEMBALLUR

Research Department of Commerce Presents Green initiative

Workshop on "Waste-bin Making"

2023, March 3, Friday 2:30PM



Dr. A Biju (Principal) Smt Shiney CN (HoD,Dept. of Commerce)

Smt Deepa K.A Dr Princy Francis Dr Sefiya K.M Dr Shafeer P.S Smt Chitra P Dr Manju K.M (Organising members)

Shuhaib Ijas Athulkrishna C.S Amina V.M Nandana Subramanian (Student co-otrdinators)

ogether, let's keep our community clean

Departmental Green Challenge

Department of Digital Film Production

Green Venture

mainly focused on hand made bamboo planter on 09/03/2023









Paper Bag Making





Online workshop on Paper Bag Makibg



Our institution imparts paper Bag making and paper bin making training to students through NSS, ED Club and Swach Bharat cells. The training is beneficial in imparting green ideas and implementing green protocol in the campus

Paper Bin Making





Cloth Bag from Old Clothes







The ED club initiated an activity of making "Cloth Bags from Old Clothes" during 2018-19. The objective of the initiative was to impose a complete ban on plastic materials.

Departmental Green Challenge

Dept. of Physics



4-7 march 2023

Echoing green Making and selling of cloth carry bags

of cloth carry bags as a part of Green Challenge

Promoting Paper Bins as a Green Initiative



As part of green protocol, the NSS cell of the college made paper bins and distributed the bins in all classrooms. The bins have separate segregation units for plastic and paper waste.

Jute Bags for a Green Environment



Jute bags were prepared by ED Club as jute bags are known for being environmentally friendly because they are biodegradable and compostable. They are a sustainable alternative to plastic bags, which can take hundreds of years to decompose and can harm wildlife and ecosystems.

Plastic waste Collection







As part of maintaining a green campus, our students and NSS volunteers regularly undertake a plastic collection drive.

Departmental Green Challenge

Dept. of Mathematics & Statistics

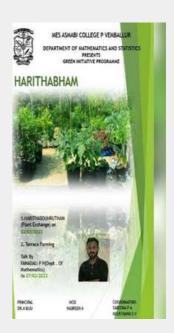






3rd March 2023

Exchanged plants among themselves as a part of green initiative and planted in their home garden.



Dept. of Mathematics & Statistics

A talk on Terrace Farming









A talk on
Terrace
Farming by
Fahadali P H,
Faculty in
dept.of
Mathematics,
MES Asmabi
College, P
Vemballur was
conducted

Departmental Green Challenge

Department of Aquaculture

'Fish waste to fish silage'



Fish silage is a cheap and environment friendly alternative method for waste-fish utilization and prevents dumpingit in the environment which leads to pollution in many coastal fishing communities

Department of Fish Processing Technology

SUSTAINA @23



"Trash to Treasure" competition of innovative Ideas from waste materials on 06/03/2023, as part of green campus initiative



TRAINING ON PAPER BAG MAKING



Training on Paper bag making on 03-03-2023





Cycle Rally for Green protocol



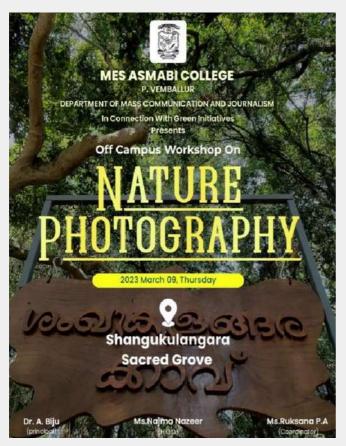
Cycle rallies are organised in the college with a view to promote environment friendly practices. on 28-03-2021



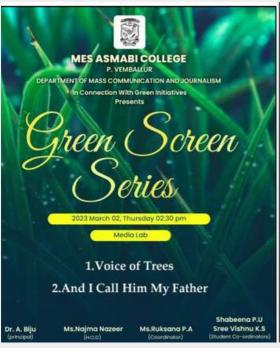


Department of Masscommunication & Journalism

Movie screening activity on 2nd March 2023 and Nature Photography on 9th March 2023









Department of Botany







A talk on vermicomposting on03/02/2023

Departmental Green Challenge

Department of Physics

15TH NOVEMBER 2018

Awareness
programme on
ELECTRONIC WASTE –
ENVIRONMENTAL
SOLUTION AND
POLLUTION



Department of Logistics Management

Green quiz on 03/03/2023



Departmental Green Challenge

Department of Psychology

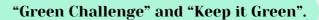
Debate on 3-3-2023





"DEBATE"

Department of Fish Processing Technology











"Keep it Green"-Setting up a green corner near to the department on 14-02-2023. Aiming to extract innovative ideas to reuse the waste materials

Green and Hanging water feeder for birds on 24-02-2023







Department of Tourism & Hospitality Management

Workshop on Reusable Craft making









A Worksop named 'Tresnatulalle', on craft making with reusable materials based on the theme "Reduce-Reuse-Recycle" was conducted on 6-3-23

Go Green-Awareness programme

An Awareness program in Connection with green initiatives by Mr. Pranav P Kumar on 10th March 2023









75 YEARS OF FREEDOM, 75 SAPLINGS

As part of observing 75 years of freedom, students planted 75 saplings in the college ground.





APPRECIATING WASTE MANAGEMENT PRACTICES



Green Initiatives/
Green Practices
undertaken
department/depart
ments are identified,
acknowledged and
appreciated.

SEED BED PREPARATION



8th June 2022

Developed seed bed for coastal restoration

Departmental Green Challenge

Department of Botany

Pranah 2019 on 27-06-2019





A seminar was conducted
by Dr. V. Suresh on
the topic- Pollutioncauses and effects. This seminar was sponsored by Kerala
State Council for Science Technology and Environment

DAY OBSERVANCES

WORLD ENVIRONMENT DAY CELEBRATIONS

Every year environment Day is observed in the college in association with its various departments, NSS and Bhoomitrasena club.

Planting saplings, distribution of saplings, invited talks on environment are organised as part of the day.



CAMPUS CLEANING in connection with WORLD ENVIRONMENT DAY CELEBRATIONS 2018



ENVIRONMENT DAY OBSERVATION DURING COVID

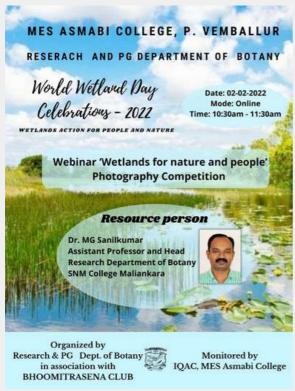
Tree saplings were planted at home and the videos, images were shared through online platform as part of environment day observation

WORLD WETLAND DAY 2023





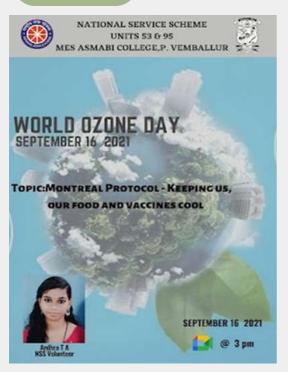
WORLD WETLAND DAY 2022



Department of Botany



OZONE DAY

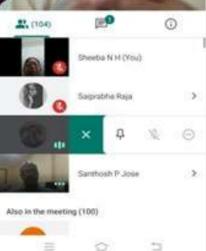


Ozone Day Organized By NSS



Webinar on Climate Change Impact and Possible Adaptation for Green Practices in connection with Ozone Day Organized Bhoomthrasena











Awareness programme on wetland conservation

World Wetland Day Celebration on 4th February 2019. Keynote speech on Conservation of Wetlands by Dr. M. K Harinarayanan Organized by - Botany Department



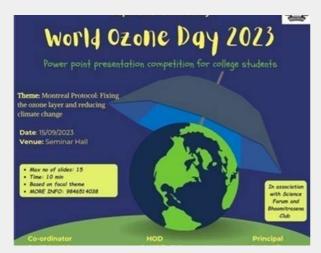
INTERNATIONAL CONFERENCE ON CLIMATE CHANGE





The PG Department of Economics organised an International Conference on Climate Change and Resiliencee on February 14 and 15. 2019. Dr. Ahmed Gasman Siswandi, from the Department of International Law at the University of Indonesia, conducted an insightful session. His expertise in economics and the environment provided students with a global perspective on climate change challenges. This conference served as a platform for meaningful discussions, knowledge exchange, and inspiration, encouraging students to embrace a proactive approach towards environmental sustainability in their academic and personal pursuits.

BHOOMITRASENA CLUB ACTIVITIES





POWER POINT PRESENTATION COMPETITION





LECTURE BY DR. ALFRED JOE



MEDICINAL PLANTS EXHIBITION



LECTURE BY DR. JOBY PAUL

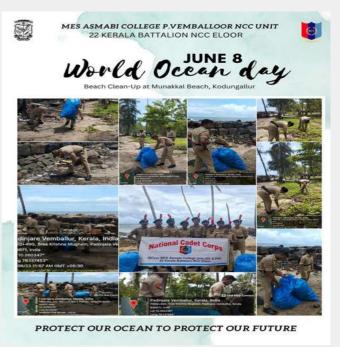
GREEN INITIATIVES OF NCC

NCC unit of MES Asmabi college planted saplings in connection with World Environment day and 74th NCC raising day celebration .









The NCC unit of MES Asmabi college collected two sacks of Plastic waste in connection with International plastic bag free day on 3rd July 2023.

They made paper bag and distributed it to the near by shop free of cost and conducted an awareness rally. Unit collected four sacks of Plastic waste in

conducted an awareness rally. Unit collected four sacks of Plastic waste in connection with World Ocean day from Munakkal and Sree KrishnaMugham beach.



5- FACILITIES AND INITIATIVES FOR DISABLED FRIENDLY; BARRIER FREE ENVIRONMENT



SKY WALK

That connects
the main
building with
commerce block

LIFT

For easy access to exam hall and classrooms

LIBRARY

Special
Supported
Library

PATH WAYS

Pedestrian friendly Path Ways

SPECIAL TOILETS

Disable Friendly Special Toilets

RELAXATION

Disable students and staff get relaxation in their exams and job

IN DETAIL...

The SKY WALK is used by students, teachers and nonteaching staffs for easily accessing commerce block from main block



Disabled students and staff can easily access their class room and exam hall.by using LIFT



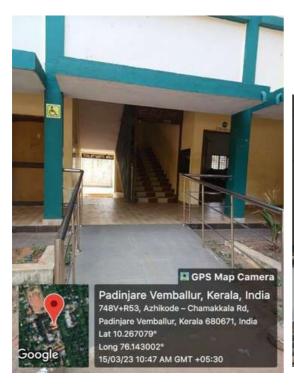


LIBRARY is equipped with screen reading software, so special people can use it for reading purpose.



LINK TO COLLEGE LIBRARY - AUDIO BOOKS

Disabled-friendly washrooms Signage including tactile path





Lights, display boards for easily identification

Wheel Chair





- * Exam Time Relaxation for Divyangan
- * 4 % reservation in staff recruitment

We have PEDESTRIAN FRIENDLY PATH WAYS



Retiring Rooms for Differently Abled





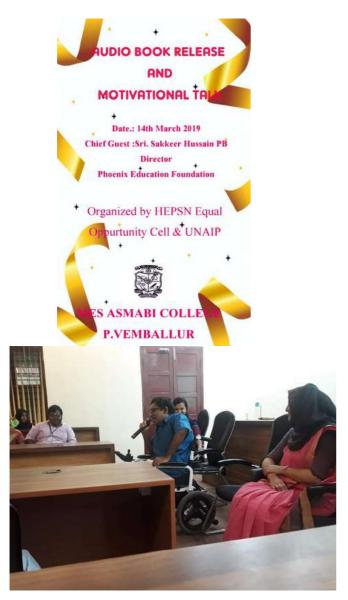




INITIATIVES FOR DISABLE FRIENDLY AND BARRIER FREE ENVIRONMENT

HEPSN cell

Higher Education for Persons with Special Needs(HEPSN) is a programme under MHRD. MES Asmabi College has got a unit which actively caters to the needs of differently abled scholars. The unit observes international days like White cane Day, Human Rights Day, International Day of Disabled persons and also offers various motivational and Skill development programmes.



DIVYANGAN FRIENDLY INIATIVES

"Espoir", an audio book of AO4 common course- Zeitgeist; Readings Contemporary Culture on was released **HEPSN** bv and Equal 14 Opportunity Cell on March 2019.Sri. Sakkeer Hussain P.B., Phoenix Education Director. Foundation was the chief guest of the function. He inaugurated the programme by handing over the audio book to Dipin Deepak of first year Economics whois a visually challenged scholar.He shared experiences and stressed on the importance of upholding relationships, belief in God and nurturing the self

World Disability Day Celebration

HEPSN observed World Disability Day with various programs on3rd December 2019. Smt . Dhanya (Assistant Professor, Dept Malayalm , T.M.Jacob Memmorial Govt College, Manimalakkunnu the inaugurated Programme .HEPSN conducted also Motivation talk for differently abled students in connection with World Disability Day.





Inter National World White Cane Day

HEPSN, MES Asmabi College Conducted a talk in connection with Inter National World White Cane Day on 15 th October 2020.Dr Habeeb .C , Assistant Professor and Research guide , Farook College (Autonomous) led a session on "Visually Impaired and Society"

Embrace: 'A camp for Autistic Students and Parents'

Department of Psychology conducted a 'Three Days residential camp' in association with Department of English, on 27, 28 & 29 January 2023. The camp was conducted for 50 parents and 50 students The sessions for students and parents were provided by specialist in Autism and Development Disorders. The Psychology students were involved as caregivers for the Autistic Students. The programme was an experiential learning programme The st.udents were able to learn and approach their subjects in a professional manner with empathetic perspective.





KAIMOZHI 2023-24

Malayalam department (MES Asmabi College) conducted a one day workshop" Kaimozhi" on 26th July 2023. "KAIMOZHI" is Basic Indian sign language –an initiative of Thrissur Collectorate under the Sasneham programme. Student Volunteers who got training from the Thrissur collectorate initiated the workshop and created an awareness among the students about sign language and its significance for an inclusive world. The training programme which included the basics of sign language ,alphabets ,numbers,family and greetings,is a step towards fostering inclusivity and communication for all.









MOTIVATIONAL SPEAK

HEPSN cell conducted a session with Divyangan students on 20 October 2019. During this session students shared their life experiences.









CERTIFICATE OF APRICIATION

Certificate for outstanding excellence and amazing commitment towards voluntary contribution during the year 2022-2023 for the empowerment of persons with visual challenges

