







Prototype, Product and Patent



№	ACTIVITIES DONE
1	PATENT NO(3799/CHE/2014); Ansar E.B, Ceramic Moiety Modified Magnetic Nano Particle Biomedical Applications In Cell Separation And Hyperthermia Therapy
2	IIC Regional Meet 2022,Idea Presentation – ‘Drum smoker’
3	Old cloth carry bag production
4	Display and sales of ed jute bags in kfm hypermarket
5	Distribution of new cloth shopping bags among 100 old age people
6	Coopz Moxie
7	Fish Silage - Organic Fertilizer
8	Designing itinerary Connects all the Muziris heritage project destination and develop a tourist circuuit
9	Sea-grills
10	Online seafood sale
11	Fempreneur
12	Aquarium making by students
13	Metkayina - Aquarium sale online
14	Vermicompost sale
15	Natural Soap Sale
16	Website/Mobile app development
17	Services from Dept. of Mass communication
18	Saplings for coastal restoration
19	Ecorestoration solutions

PATENT

 INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS	 सत्यमेव जयते भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 Of The Patents Rules)	कर्मिक : 044125967 SL No : 
पेटेंट नं. / Patent No.	:	355629
आवेदन नं. / Application No.	:	3799/CHE/2014
प्रकाश करने की तारीख / Date of Filing	:	04/08/2014
पेटेटी / Patentee	:	SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCE AND TECHNOLOGY
<p>प्रमाणित किया जाता है कि पेटेटी को उपरोक्त आवेदन में उल्लेखित CERAMIC MOIETY MODIFIED MAGNETIC NANO PARTICLE-BIOMEDICAL APPLICATIONS IN CELL SEPARATION AND HYPERTHERMIA THERAPY नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 से उपरोक्त की अनुसार आज तारीख 4th day of August 2014 से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।</p> <p>It is hereby certified that a patent has been granted to the patentee for an invention entitled CERAMIC MOIETY MODIFIED MAGNETIC NANO PARTICLE-BIOMEDICAL APPLICATIONS IN CELL SEPARATION AND HYPERTHERMIA THERAPY as disclosed in the above mentioned application for the term of 20 years from the 4th day of August 2014 in accordance with the provisions of the Patents Act,1970.</p>		
 INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS		
 अनुदान की तारीख Date of Grant	11/01/2021	 पेटेंट नियंत्रक Controller of Patent
<p>टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 4th day of August 2016 को और उसके समान तारीख से हर साल पड़ने के होंगी। Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 4th day of August 2016 and on the same day in every year thereafter.</p>		

PATENT NO(3799/CHE/2014); Ansar E.B,
Ceramic Moiety Modified Magnetic Nano Particle
Biomedical Applications In Cell Separation And
Hyperthermia Therapy

'Drum smoker'—Innovation by students for fish smoking



The IIC Regional Meet 2022, Idea Presentation – 'Drum smoker' - Innovation Ambassador took place on 6th August 2022. Presenting the Drum smoker at the IIC Regional meet gave students a platform for showcasing their inventions. This equipped the students to come up with innovative products in the future.



The instrument was presented at the IIC Regional Meet and was met with appreciation from experts from Kerala University of Fisheries and Ocean Studies.



The idea generated by BVoc Fish Processing Technology students was developed through MESAC, IEDC. The working model was used to smoke fish in a controlled atmosphere. This regulated the phenolic content taken up by the fish fillets.

Old cloth carry bag production



Outcome of the activities

Built environmental awareness and sustainability values. The hands-on experience cultivated creativity, teamwork, and a sense of responsibility towards reducing waste, shaping environmentally conscious individuals.

Display and sales of ed jute bags in KMF hypermarket on 13th February 2019



The display and sales of jute bags in KFM Hypermarket offered environmental benefits by encouraging the use of a sustainable and biodegradable alternative to plastic bags. This initiative promoted eco-friendly practices, reduced plastic pollution, and supported the adoption of environmentally responsible choices among consumers.

Distribution of new cloth shopping bags among 100 old age people



The distribution of new cloth shopping bags among 100 old-age people benefited both the individuals and the environment. It provided a practical and durable alternative to single-use plastic bags for the elderly, ensuring their convenience while reducing plastic waste and contributing to a more sustainable and eco-friendly community.



COOPZ MOXIE



A multifunctional bag made by students not only provided users with versatile and adaptable storage options but also fostered valuable skills development, creativity, and environmental awareness as students engaged in hands-on design, production, and sustainability practices. Additionally, the project encouraged teamwork, instilled a sense of pride, and even served as a platform for entrepreneurial endeavors or community contributions.

FISH SILAGE PREPARATION



Students were given training in fish silage preparation. They prepared fish silage by adding fish waste and formic acid. The mixture was kept for two weeks with intermittent shaking until a smell-free fish silage was obtained. The silage was diluted in water and used for manuring the flower beds in front of the classrooms, thereby greening the department premises



Designing itinerary Connects all the Muziris heritage project destination and develop a tourist circuit



Students were involved in designing an itinerary that connects all the Muziris Heritage Project destinations and develops it as a tourist circuit.

The students conducted a field visit to these destinations - beneficial for both preparing an itinerary and to drive them to generate a source of income as tourist guides to these destinations.

The program also helped the students get motivated to become future entrepreneurs.

**SEA-GRILLS STARTED ON 13TH
OCTOBER 2022**



Seafood product making and sale occurred.

Students used the fish processing laboratory to come up with innovative seafood products. Staff and students were the first customers for their new venture.



ONLINE SEAFOOD SALE BY STUDENTS

ASMABIANS' FISH PRODUCTS

FISH CUTLET


FISH FINGER


FISH SAMOSA


FISH ROLL


Reday to Cook

FOR QUERIES CONTACT:
963326476/HEADFISHPROCESSINGTECHNOLOGY@GMAIL.COM
FISH PROCESSING TECHNOLOGY, MES ASMABI COLLEGE

*Asmabians' Fish Products
Ready to Eat*


Fish Cutlet
₹20


Fish Finger
₹20


Fish Samosa
₹25


Fish Mixture
₹50/100g


Fish Chammathi
₹50/100g


Fish Pickle
As per season


Shrimp Pickle
As per season


Fish Roll
₹25


Shrimp Chammanthi
₹50/100g

FOR QUERIES CONTACT:
963326476/HEADFISHPROCESSINGTECHNOLOGY@GMAIL.COM
FISH PROCESSING TECHNOLOGY, MES ASMABI COLLEGE

**FEMPRENEUR FESTA ON 18TH
NOVEMBER 2022**



Creative Minds - students exhibited their creative ideas and got them sold on the spot. Sea-shell mirrors, mehndi designs, portraits, and paintings were the highlights of the sale.



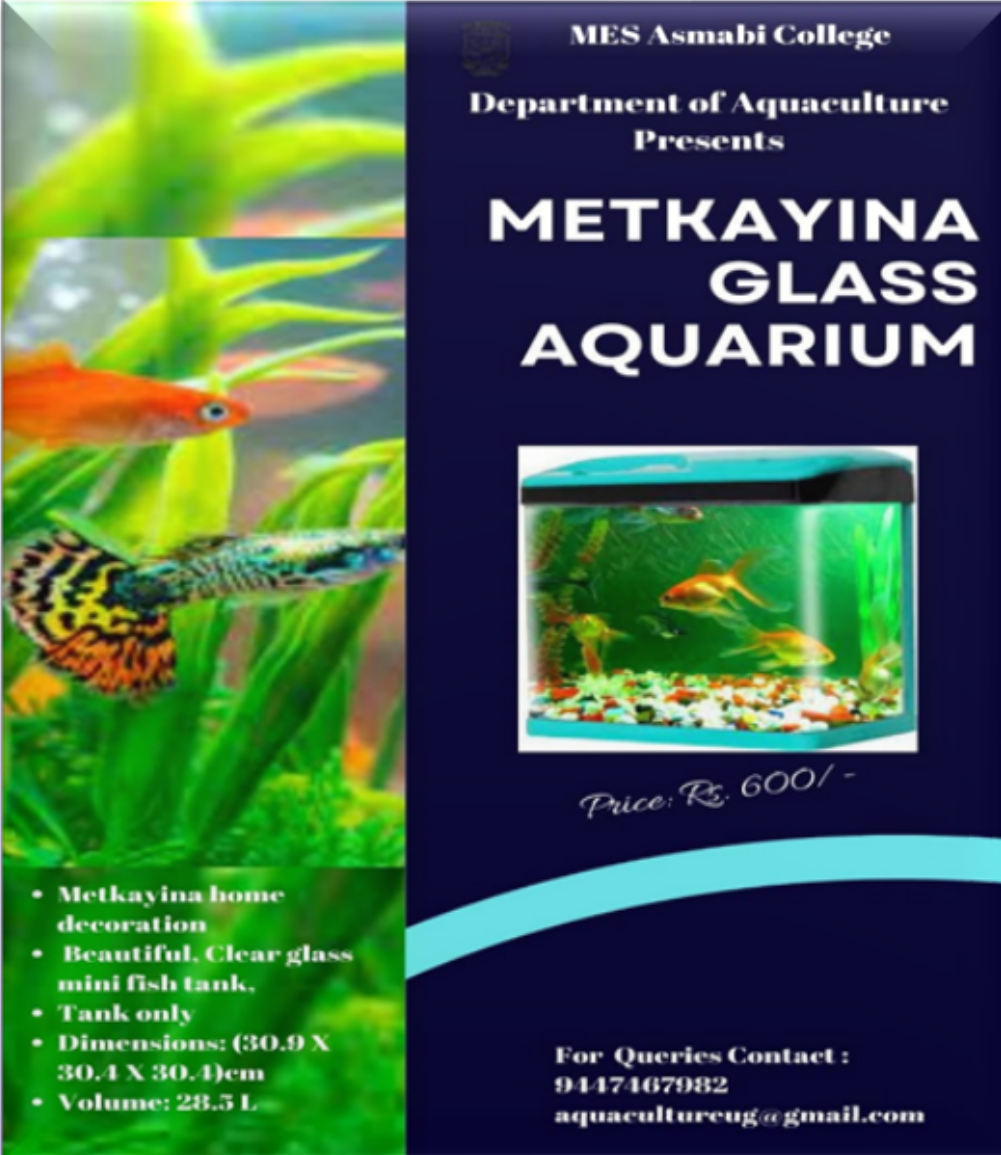
AQUARIUM MAKING BY STUDENTS



Students were given training in aquarium making in an Aquarium Making workshop conducted by IEDC and the Department of Aquaculture. Students used their newly acquired skill to create their own aquaria. Once they became experts in the skill, they started their own small venture of aquarium sales online.



AQUARIUM SALE BY STUDENTS



MES Asmabi College
Department of Aquaculture
Presents

METKAYINA GLASS AQUARIUM

Price: Rs. 600/-

- Metkayina home decoration
- Beautiful, Clear glass mini fish tank,
- Tank only
- Dimensions: (30.9 X 30.4 X 30.4)cm
- Volume: 28.5 L

For Queries Contact :
9447467982
aquacultureug@gmail.com

Beautiful, clear glass mini fish tank for elegant home decoration.

Specifications:

Dimensions: 30.9 x 30.4 x 30.4 cm

Volume: 28.5 Liters

Features:

Clear, high-quality glass construction.

Elegant design, perfect for home decor.

Suitable for small fish or decorative elements.

Easy to clean and maintain.

Price :600/-

VERMICOMPOST SALE BY STUDENTS

VERMICOMPOST

MES ASMABI COLLEGE

Fertilizer for All kinds of plants

Introducing Vermi Compost produced by MES Asmabi College – The secret weapon for cultivating thriving, nutrient-rich gardens and promoting sustainable agriculture.

Our Features:

- Rich Nutrient Content
- Soil Structure Improvement
- Microbial Activity Boost
- Organic and Sustainable
- Easy to Use
- Eco-Friendly Packaging

Manufactured By
Department of Botany &
Bhoomitrasena Club

100 % Organic

2 Kg- Rs. 40
5 kg- Rs. 100

- Cultivating Thriving Gardens
- Universal Fertilizer
- Sustainable Agriculture Ally
- Earthworm Magic
- Eco-Friendly Solution

NATURAL SOAP SALE BY STUDENTS

NATURAL SOAP

MES Asmabi college
Organic and Handmade Soap for Dry skin

Introducing organic and handmade soap produced by MES Asmabi college NSS units for fund rising for ABHAYAM house construction project.

One unit - Rs. 30
Two units - Rs.50

BENEFITS

- Contains natural ingredients
- protects against UV
- overcome skin problems such as acne
- Suitable for various skin types
- Has a refreshing scent

Our Features
Enhance your skin's beauty with our range of skincare treatments. With natural ingredients and safe formulas, your skin will feel healthier, glowing and well-maintained.

<https://mesasmabicollege.edu.in/>

The students gained practical skills in soap making, teamwork, and fundraising. Additionally, they experienced the satisfaction of contributing to a charitable cause by supporting the 'Abhayam' house construction project. This hands-on project enhanced their entrepreneurial spirit and sense of social responsibility..

WEBSITE/MOBILE APP DEVELOPMENT BY STUDENTS



TRANS

website for transgender Community

OVERVIEW

The Trans app, an Android application with a Java front end and PHP-MySQL back end, addresses the ongoing challenges faced by the transgender community. Despite existing laws, many individuals still grapple with gendered violence and discrimination. The app offers practical solutions, including finding gender transformation services, locating restrooms, accessing online taxi services, and providing inspirational content. With features like online counseling and a focus on physical safety, the app aims to build a supportive community. Admin oversight through feedback loops ensures ongoing improvements.



VMART

Website for Bring the Student Merchants

OVERVIEW

"VMART" is the ultimate online marketplace, uniting student merchants from Asmabi College on a single, user-friendly platform. This Android app offers seamless browsing through diverse product categories, easy shopping cart management, secure payment gateways, and real-time order tracking. It's not just a shopping experience; it's a community-driven hub where students showcase their talents. "VMART" transforms scattered student businesses into a unified, convenient, and secure marketplace, connecting buyers with unique products and fostering a sense of collaboration.



IMMUNIZE

website for to minimize this complications ,difficulty , time consumption , and to make safe environment

OVERVIEW

"IMMUNIZE" is a cutting-edge project leveraging technology to simplify and enhance healthcare delivery by ASHA workers. Using WhatsApp groups and calls, it streamlines communication, reducing the complexity of their tasks in the face of social disturbances. The project covers newborn vaccinations, COVID-19 vaccines, and support for pregnant women, making healthcare more accessible and secure. "IMMUNIZE" represents a significant step towards a future where healthcare is efficient, safe, and technologically advanced.



PATH ASSISTANT

Path Assistant will make your tasks more simpler

overview

"Path Assistant" is the topic which we put forward as our project. Path Assistant will make your tasks more simpler to do achieve your tasks by finding the correct location. It provide the user to give informations and guidance about the places of our college in detail. It makes user to save the time. Assume that a person is visiting the college for first time who came by his car. He would definitely in a messed up to find the parking. In such situation path assistant will help them to find it. It also greatly saves the time. Users can view different floors of a building by clicking on a level selector that is displayed near any structures which are mapped on multiple levels. This is available as a mobile app for the Android and iOS mobile operating systems.

SERVICES OFFERED::

- MOBILE APP DEVELOPMENT
- WEB SITE DEVELOPMENT
- SOFTWARE DEVELOPMENT
- IOT PROJECT DEVELOPMENT

**SERVICES OFFERED BY DEPT.OF MASS
COMMUNICATION**



VOICE-OVER: POLISHED AUDIO FOR DIVERSE MEDIA

EDITING:PRECISION TO ENHANCE QUALITY

PHOTOGRAPHY: STUNNING VISUALS FOR STORYTELLING

NEWSREADING: COMPELLING DELIVERY OF NEWS CONTENT.

MEDIA SOLUTIONS: COMPREHENSIVE, ENSURING EFFECTING

COMMUNICATION AND HIGH-QUALITY PRODUCTION

SAPLINGS FOR COASTAL RESTORATION



SAPLINGS FOR MANGROVE RESTORATION

30% OFF



Bruguiera cylindrica
Bruguiera gymnorhiza
Rhizophora mucronata
Rhizophora apiculata

One year growth saplings for Mangrove restoration

contactwghf@gmail.com




MES Asmabi College
CEtC Hornbill Foundation



THREATENED PLANTS
SAPLING FOR
RESTORATION.
30% OFF FOR HABITAT
RESTORATION AND INSITU
CONSERVATION. ONE YEAR
GROWTH SAPLINGSO
F THREATENED PLANTS IS
DISTRIBUTED FOR
ENSURING COASTAL
RESTORATION.

Threatened Plants Sapling for Restoration



30% off for habitat restoration and insitu conservation

One year growth saplings of threatened plants



CR

Diospyros crumenata



VU

Hopea ponga



VU

Prioria pinnata

MES Asmabi College
CEtC Hornbill Foundation




contactwghf@gmail.com



ECORESTORATION SOLUTIONS

ECORESTORATION

NATURE BASED SOLUTIONS FOR CLIMATE CHANGE ADAPTATION AND SUSTAINABLE LIVELIHOOD

Carbon Neutrality and Climate Change Adaptation
UN Sustainable Development Goals Carbon Markets
Multiple partnership

SER SOCIETY FOR ECOLOGICAL RESTORATION

WGF WESTERN GHAATI WILDLIFE FOUNDATION

WE PROVIDE SUPPORT AND CONSULTANCY

CEtC, Hornbill Foundation
@ MES Asmabi College Campus

NICHE ECO SOLUTIONS



NATURE BASED SOLUTIONS (NBS) FOR CLIMATE CHANGE ADAPTATION AND SUSTAINABLE LIVELIHOOD.

1. ECOLOGICAL RESTORATION OF DEGRADED MANGROVES
2. ECOLOGICAL RESTORATION OF DEGRADED SACRED GROVES
3. COASTAL VEGETATION BELT TO CHECK COASTAL EROSION
4. BIO PARKS IN URBAN AND RURAL LANDSCAPES
5. RESTORATION OF RIPARIAN LANDSCAPES
6. RESTORATION OF FOREST LANDSCAPE

Nature Based Solutions (NbS) for Climate Change Adaptation and Sustainable Livelihood

WE PROVIDE

1. Ecological restoration of Degraded Mangroves
2. Ecological restoration of Degraded Sacred Groves
3. Coastal Vegetation Belt to Check Coastal Erosion
4. Bio Parks in Urban and Rural Landscapes
5. Restoration of Riparian Landscapes
6. Restoration of Forest Landscape

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