



GEMS ARTS AND SCIENCE COLLEGE

An ISO 9001 : 2015 Certified Institution

(A unit of Global Education and Management Studies Co-operative Ltd., No. M. 782)

(Affiliated to University of Calicut and UGC Recognized under Section 2 (f) of UGC Act 1956)

Ramapuram, Kadungapuram P.O, Malappuram Dt., Kerala. Pin - 679321, Ph : 04933-256123, 255700

www.gemsasc.ac.in, email: gemsasc@gmail.com

7.1.2

Geotagged Photographs and Reports of Initiatives

(Management of various types of degradable and non degradable waste)





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MANAGEMENT OF VARIOUS TYPES OF DEGRADABLE AND NON-DEGRADABLE WASTE

The management of both degradable and non-degradable wastes holds significant importance within a college setting. Effective management of degradable and non-degradable wastes contributes to environmental conservation. By properly handling and disposing of these waste types, the college minimizes negative impacts on ecosystems, soil, water bodies, and air quality. Efficient waste management in colleges involves reusing materials. By segregating degradable and non-degradable wastes, valuable resources can be recovered, and ultimately conserving natural resources. Managing these wastes effectively promotes a healthy and safe campus environment. At Gems Arts and Science College, waste management is approached with a comprehensive classification system, distinguishing between degradable and non-degradable waste. To address this challenge, the college has implemented a range of techniques and initiatives like



Dr. NAVEEN MOHAN
PRINCIPAL

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PAPER WASTE BINS

GEMS Arts and Science College introduces an eco-conscious initiative by strategically placing paper waste bins across the campus. These designated bins facilitate the systematic collection of paper waste, promoting effective paper waste management within the college premises. The initiative aligns with the college's commitment to sustainability, encouraging responsible disposal practices among students and staff. By implementing these paper waste bins, GEMS Arts and Science College aims to reduce its environmental footprint, fostering a culture of waste awareness and resource conservation.



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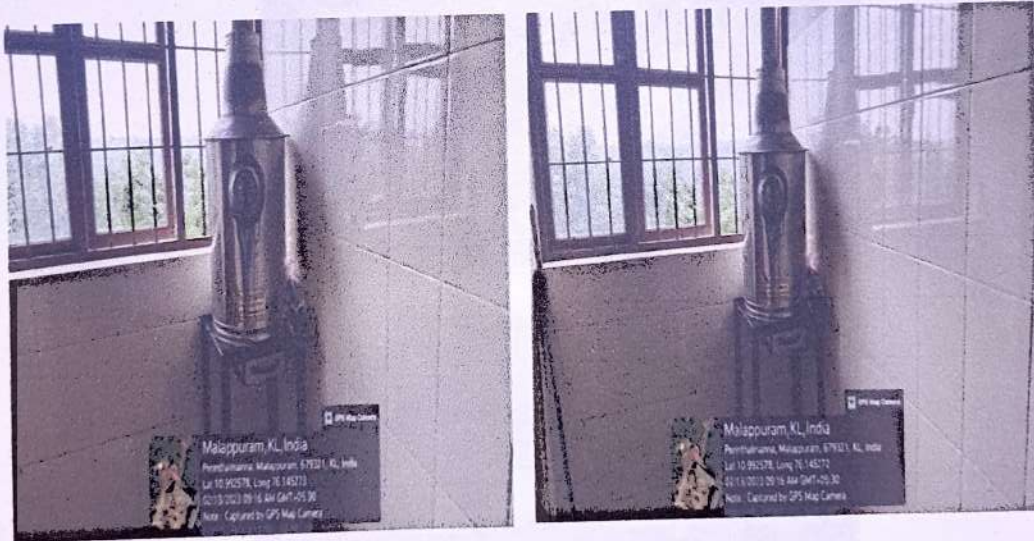
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WASTE MANAGEMENT (BIO-DEGRADATION PTE) INCINERATORS

To improve waste management, the college installed incinerators in restrooms, washrooms and ladies hostel. This eco-friendly initiative aims to efficiently dispose of sanitary waste, ensuring a hygienic environment while minimizing environmental impact. The strategic placement of incinerators underscores the college's commitment to sustainable practices and the well-being of its community.



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FOOD WASTE MANAGEMENT (BIO-DEGRADATION PIT)

The college has implemented a robust food waste management system, minimizing environmental impact and promoting sustainability. Through efficient segregation, composting, and donation initiatives, the college ensures minimal food wastage. This well-established system reflects the institution's commitment to responsible resource utilization and environmental stewardship.



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FOOD WASTE COLLECTION BIN

Food waste management is made efficient by food waste segregation and separate collection bin. Food waste is collected separately from each classroom and collected with the specific bins. The collected food waste is further degraded through bio-degradation pit, by producing manure as by product.



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GEMS ARTS AND SCIENCE COLLEGE IN ASSOCIATION WITH PUZHAKKATTIRI GRAMA PANCHAYATH HARITHAKARMA SENA – COLLECTING PLASTIC WASTE FROM THE ENTIRE CAMPUS.

In collaboration with Puzhakkattiri Grama Panchayath Harithakarma Sena, GEMS Arts and Science College orchestrated a commendable initiative to collect plastic waste across the entire campus. The joint effort, executed by the Harithakarma Sena, not only resulted in a cleaner environment but also served as a catalyst for heightened awareness on effective waste management practices. The collaboration exemplifies a shared commitment to environmental stewardship, promoting sustainability within the college community. GEMS Arts and Science College acknowledges the impactful role of such partnerships in cultivating a conscientious approach towards waste disposal and fostering a greener, more environmentally responsible campus.



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PLASTIC WASTE DUMPING UNIT

GEMS Arts and Science College has implemented a dedicated plastic waste dumping unit on campus. This disposal unit serves as a central point for students and staff to responsibly discard plastic waste. Conveniently located, it encourages the separation of plastic materials from regular waste, promoting recycling efforts. Regular collection and disposal by the college's waste management team ensure an organized and eco-friendly process. The initiative reflects the institution's commitment to reducing its environmental footprint by tackling the issue of plastic pollution. The plastic waste dumping unit is a tangible step towards creating a cleaner and more sustainable campus environment.



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E-WASTE MANAGEMENT (COLLECTION POINT)

GEMS Arts and Science College is actively involved in managing electronic waste (e-waste) through a responsible disposal and recycling process. Dedicated collection points are set up across the campus to gather old electronic devices like computers and gadgets. Trained staff ensures the safe handling and transportation of e-waste to authorized recycling facilities. Here, materials are sorted and processed to reduce environmental impact. This sustainable approach not only prevents harmful substances from entering the environment but also promotes the reuse of valuable resources.



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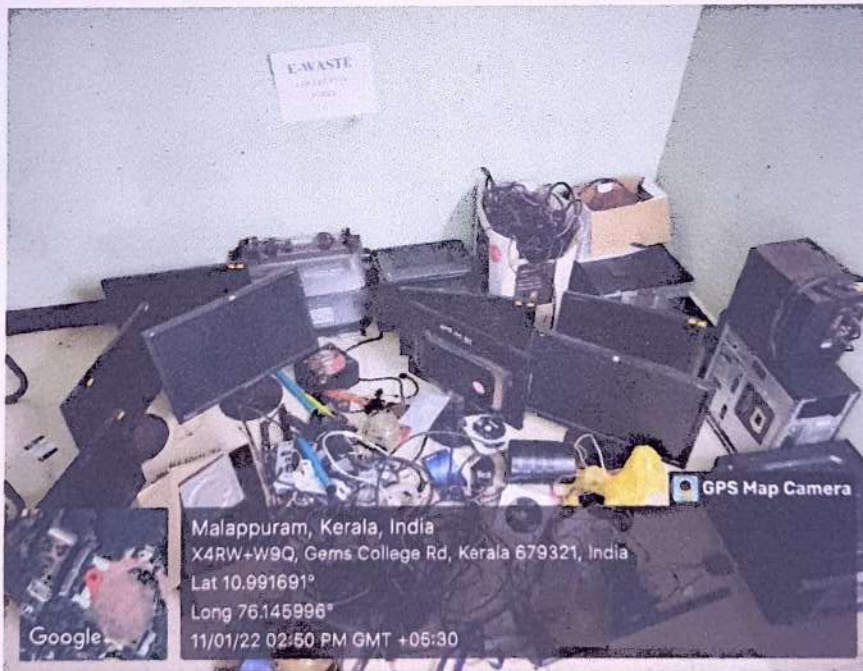
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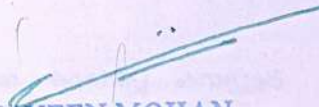
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DECLARATION

DECLARATION

This certificate attests to the authenticity of the equipment's unused status, affirming that the specified computer items have not been utilized or deployed for any operational purposes within the college. This verification is crucial for transparency and adherence to quality standards, ensuring that the items meet the necessary criteria for their intended use or potential redistribution.




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DECLARATION

LIST OF UNSEEN OR DAMAGED ITEMS



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12-01-2024

സാക്ഷ്യപത്രം

ഇതോട് കൂടി ഉള്ളടക്കം ചെയ്യുന്ന ലിസ്റ്റിൽ കാണിച്ച കമ്പ്യൂട്ടർ ഇനങ്ങൾ ഉപയോഗ ശൂന്യമാണ്. ഇവ നന്നാക്കി ഉപയോഗിക്കാൻ കഴിയില്ലെന്ന് വിശദമായി പരിശോധിച്ച് ഉറപ്പ് വരുത്തിയിട്ടുണ്ട്. ആയതിനാൽ ഇവ ലേലം ചെയ്ത് വിൽക്കാവുന്നതാണ്.

H.O.D

Multimedia Communication
GEMS Arts & Science College
Ramapuram. Pin: 679 350

ANOOS SABU. P. K.
HEAD OF THE DEPARTMENT
Dept. of Computer Science
GEMS Arts & Science College
Ramapuram

PRINCIPAL

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LIST OF UNUSED OR DAMAGED ITEMS

ITEM	QTY	RATE	TOTAL
MONITOR	43	25	1075
KBD	8	10	80
SMPS	37	25	925
H/P	28	10	280
MOTHERBOARD + PROCESSOR + FAN	14	250	3500
MOTHERBOARD ONLY	14	120	1680
MODEM	8	25	200
MOUSE	4	5	20
CABINET + MOTHERBOARD + PROCESSOR + FAN	14	270	3780
CABINET ONLY	17	20	340
PRINTER	1	30	30
PROJECTOR	1	100	100
TOTAL			12010



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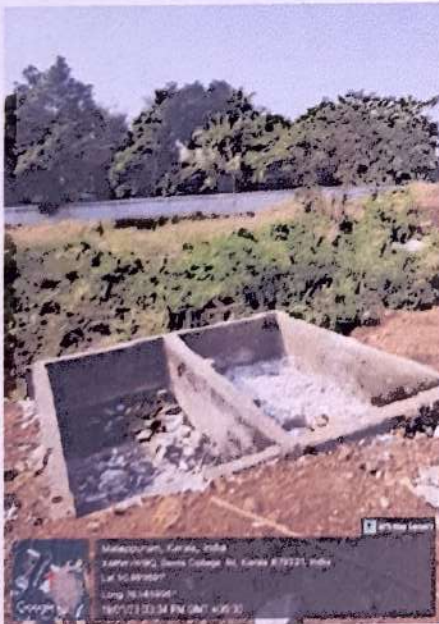
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WASTE DUMPING UNIT

GEMS Arts and Science College takes a proactive stance on waste management with its Waste Dumping Unit initiative. Dedicated to handling non-degradable waste on campus, this unit plays a pivotal role in responsibly disposing of and managing solid waste. Strategically located, the waste dumping unit ensures proper segregation and disposal practices, contributing to a cleaner and more sustainable environment. By implementing this initiative, the college underscores its commitment to environmental responsibility and waste reduction. GEMS Arts and Science College continues to lead by example, integrating effective waste management practices to create a campus that prioritizes cleanliness, sustainability, and ecological well-being.



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BIODEGRADABLE AND NON-DEGRADABLE WASTE COLLECTING PROCESS

Gems Arts and Science College implements eco-friendly waste management with distinct green and red waste bins. The campus encourages responsible disposal, designating green bins for biodegradable waste and red bins for non-degradable materials. This initiative reflects the institution's commitment to environmental sustainability, fostering a cleaner and greener campus. Students and staff actively participate in segregating waste, contributing to a conscientious waste disposal system that aligns with ecological principles



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AGREEMENTS

- E- WASTE MANAGEMENT
- PLASTIC WASTE MANAGEMENT





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PLASTIC MANAGEMENT AGREEMENT

This agreement is made on January 2022 and entered into by and between:

Party of the First Part

GEMS Arts and Science College, Ramapuram, Malappuram, Kerala, 679321

And

Party of the second part

Puzhakkattiri Grama Panchayat, Malappuram, Kerala, 679321


It is hereby agreed that the Puzhakkattiri Grama Panchayath will be responsible for managing collection of known degradable waste from GEMS Arts and Science College campus in connection with the Haritha Karma Sena under Kudumbashree Mission, collaborating with Haritha Kerala Mission, Suchitwa Mission, and Clean Kerala Campaign for a Garbage-Free campus and Environmental Sustainability.

This agreement will be valid for 3 years from the date of signing and shall be renewed prior notice and discussion.

GEMS Arts and Science College, Ramapuram, Kerala, 679321
(First Party)

Signature:

Date


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Puzhakkattiri Grama Panchayat, Malappuram, Kerala, 679321
(Second Party)

Signature:

Date:


UMMUKULSU CHAKKACHAN
President
Member (Ward-6)
Puzhakkattiri Grama Panchayath
Mobil: 996 447 888

Date of Signing: 1.11.2022





LETTER OF AGREEMENT

BETWEEN

Nisdon Infoway, Shanti Nagar, Perinthalmanna, Kerala, 679322

and

GEMS Arts and Science College, Ramapuram, Malappuram, Kerala, 679321

This agreement is made between Nisdon Infoway, Shanti Nagar, Perinthalmanna, 679322 and GEMS Arts and Science College, Ramapuram, Malappuram, Kerala, 679321 for the collection and recycling of the electronic wastes.

- **Scope of Services:** Agrees to provide e-waste collection services for GEMS Arts and Science College. This includes the pickup, transportation and environmentally responsible recycling of damaged electronic devices and equipment.
- **Responsibilities:** Will ensure compliance with all applicable environmental regulations during the collection and recycling process.

This agreement will be valid for a period of three years from the date of signing and shall be renewed on prior notice and discussion

For Nisdon Infoway

16-11-2021




For GEMS Arts and Science College


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