

METRICS No. 7.1.3

Waste management practices include

- Segregation of waste
- E-waste management
- Vermi-compost

DOCUMENTARY EVIDENCE

Dr. (Ms.) Sally

PRINCIPAL PRINCIPAL MAHATMA EDUCATION SOCIETY'S Pillai College of Education & Research Dr Pillai Teacher Training & Research Centre Plot No 1, Sector-8, Khanda Colony, New Panyel-410 206. CERTIFICATE RECEIVED FOR SEGREGATION OF WASTE & SENDING FOR RECYCLING

Azadi@75

거리않니







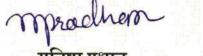


🌿 सन्मानपत्र 봧

स्वच्छ सर्वेक्षण व माझी वसुंधरा अभियान २०२१-२२ पर्यावरणस्नेही पिल्लई कॉलेज ऑफ प्रज्युकेशन जॅन्ड रिसर्ट, पनवेल ठाणे महानगरपालिका व समर्थ भारत व्यासपीठ यांचेद्वारे संयुक्तपणे, ठाणे शहरात राबविण्यात येत असलेल्या सुका कचरा (प्लास्टिक/थर्मोकोल/इ-कचरा) व्यवस्थापन उपक्रमात आपण सहभागी होऊन; आपल्या गृहसंकुलातील वर्गिकृत, स्वच्छ-सुका कचरा पुनर्चक्रीकरणासाठी (RECYCLING) नियमितपणे देत आहात. स्वच्छ, सुंदर व प्रदूषणमुक्त ठाणे साकारण्यासाठी या उपक्रमांतर्गत आपल्या गृहसंकुलाने स्वच्छतेची शिस्त अंगिकारली असून, ही बाब इतर संस्थांना मार्गदर्शक ठरत आहे. ठाणे शहरातील सुका कचरा व्यवस्थापनाकरिता, तसेच शहरात स्वच्छ सर्वेक्षण व माझी वसुंधरा अभियान २.०

यशास्वीपणे राबविण्याकरिता, आपण देत असलेल्या अनन्यसाधारण योगदानाबद्दल आपणांस या सन्मानपत्राद्वारे गौरविण्यात येत आहे.

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मनिषा प्रधान प्रदूषण नियंत्रण अधिकारी ठाणे महानगरपालिका, ठाणे



Thane Office : SAMARTH BHARAT VYASPEETH Ground Floor, Sai Krupa Soc., Near Dharmveer Market, Opp. Ganpati Karkhana, Ghantali Road, Naupada, Thane (W) - 400 602. Phone : 022 25454644 / 99870 30916 Register No. CIN :U74900PN2014NPL151174

Date - 25/03/2023

Certificate of Appreciation

This document certifies that MES' Pillai College of Education & Research, Khanda Colony, New Panvel (W) organized an E-waste collection drive. Thane Mahanagarpalika collected 235 kgs of E-waste materials from the college on 25th March, 2023.

The e-waste received will be handled & disposed off as per the guidelines set by the E-waste management rules of Central Pollution Control Board at our registered facility managed by. We appreciate your efforts in contributing to a green environment.

Yours,

Bhatu Sawant CEO Samarth Bharat Vyaspeeth



Email Id : samarthbharat@gmail.com FB : SBV2020



Certificate



This is to certify that MES' Pillai College of Education and Research is now a Recognized Swachhta Action Plan Institution. The Institution has successfully formed the Swachhta Action Plan Committee and constituted the working groups Post COVID-19 for Sanitation & Hygiene, Waste Management, Water Management, Energy Management and Greenery along with the observation of two environment related days to inculcate in faculty, students and community, the practices of Swachhta and Reduction, Reuse and Recycling of Resources.

Dr. W G Prasanna Kumar Chairman

Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Human Resource Development Government of India

Cert:SAP/MH

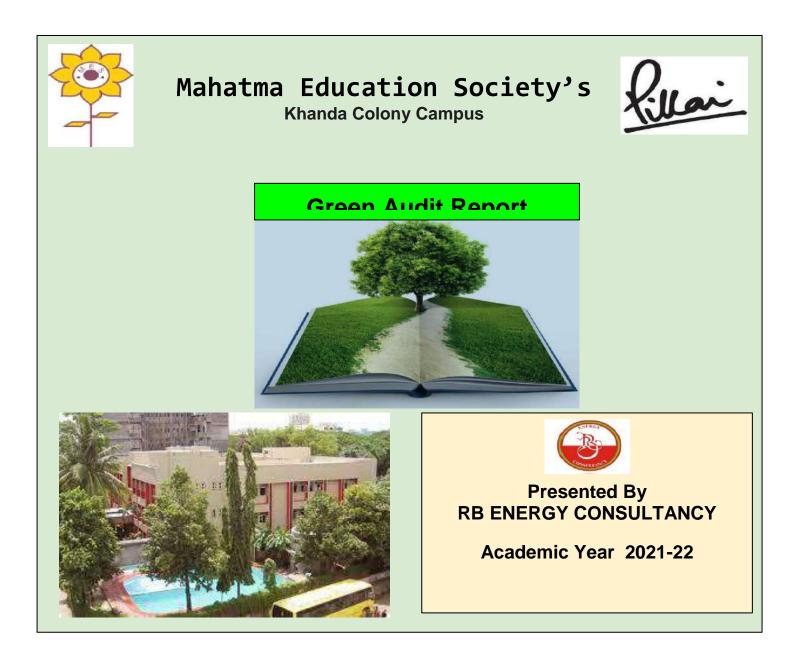
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GREEN AUDIT 2021



Green Audit Report of Mahatma Education Society, Khanda Colony campus is conducted by RB Energy Consultancy Services and its team on **23rd and 24th August 2021.**

Green Audit report states the initiatives taken by institute towards environment sustainability

Team RB Energy Consultancy

GREEN AUDIT 2021

Green Audit Assessment Team

(Internal)

Dr. Sally Enos , Principal PCER Dr. Bhavna S.Dave, Assistant Professor, PCER Dr.Geeta S Thakur, Assistant. Professor, PCER Ms Namrata Saxena, Assistant Professor, PCER Mr. Gyanendra Pratap Singh, Assistant Professor, PCER Dr. Sandeep Shinde, I/C Principal , VCPER Mr. P Padmakshan, Assistant Professor, VCPER

(External)

Umesh Patil Amit Gupta Vivek Gaikwad Sailesh Shrivastva



Page No Sr. No. Topic 5 1 Introduction 2 **Geographical Location** 7 3 Green Audit 8 9 3.1 Natural Light Design 3.2 Ventilation and Air Quality Design 9 10 3.3 Water Conservation and Management 3.4 Energy Use and Conservation 12 3.4.1 Use of LPG and Natural Gas for Onsite Energy 14 Generation 3.4.2 Temperature and Acoustic Management 14 15 3.5 Waste Management 3. 5.1 Sewage water Management 15 3.5.2 Paper Scrap Management 16 3.5.3 Solid Waste Management 16 3.5.4 Toxic Waste Management 17 3.6 Building Maintenance 17 3.7 Initiatives by Institute for Green Management 18 20 Annexure I: Floor Plan Annexure II: Diagram for Water Distribution 27 Annexure III: Details of Indoor Gardening 28 Annexure IV: List of Electrical Instruments in Energy intensive 29 areas 30 Annexure V: Distribution of Equipments Annexure VI: Checklist for Green Audit 31

Table of Content



3.5 Waste Management

Human activities create a lot of hazardous wastes. Waste management audit checks the ways these wastes are dealt with. Wastes paper wastes, solid wastes, plastic wastes and also e-wastes.

3.5.1 Sewage Water Management

Waste water is generally generated from toilets, washrooms and canteen.

Observations

1. Waste water generated from toilets, canteen and laboratories are connected to sewerage system provided by CIDCO

Recommendations:

1. Sewage treatment plant to be installed in the campus.

3.5.2 Paper Scrap Management

Waste paper is the main waste generated since it is an academic institution. Campus has taken many steps to reduce these wastes.

Observations:

- 1. Most of the documents are maintained online.
- 2. Both sides of the paper are used while printing and taking photocopies.
- 3. There are more than 7000 e-books made available online for students and staff.
- 4. Notices are made available on the websites and also put on the notice board.
- 5. Internal communications are done through mails, messages and whatsapp.
- 6. Old submissions, papers after 3-4 years as per University norms are archived stored in the storage room.
- 7. The old papers are exchanged with new papers from scrap dealers.

3.5.3 Solid Waste Management

Observations:

- 1. Separate bins for wet and dry waste are found in the canteen.
- 2. Campus has composting bins and baskets for solid waste management.

GREEN AUDIT 2021



- 3. In other areas like classrooms, staff rooms or offices mostly paper waste or plastic wastes are generated.
- 4. Dust bins are found in every corner of every classroom.
- 5. Signages were found near a few dustbins.





Recommendations:

- 1. Signages should be provided at every point of collection.
- 2. Compost pit should be installed.

3.5.4 Toxic Waste Management

Observations:

- The campus is almost digitized to a large extent. It has computer enabled classrooms, AV rooms, biometric attendance system, students and staff portal. All these facilities lead to reduction in wastage.
- 2. Old electronic devices are given to dealers under a buy back policy.

3.6 Building Maintenance

Observations:

- 1. Building is covered with maintenance free tiles. No leakages were found and were maintained.
- 2. Campus is easily accessible from the main road.
- 3. Campus has 2 staircases and 2 elevators.

Compost Baskets



Segregation of Waste



Dr. (Ms.) Sally Enos

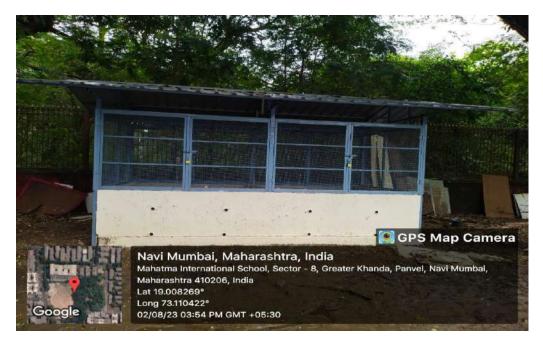
PRINCIPAL MAHATMA EDUCATION SOCIETY'S Pillai College of Education & Research Dr Pillai Teacher Training & Research Centre Plot No 1, Sector-8, Khanda Colony, New Panyel-410 206.

E-Waste Collection



Dr. (Ms.) Sally Enos PRINCIPAL MAHATMA EDUCATION SOCIETY'S Pillai College of Education & Research Dr Pillai Teacher Training & Research Centre Plot No 1, Sector-8, Khanda Colony, New Panvel-410 206.

Vermi-compost

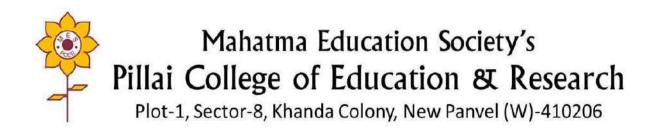






Dr. (Ms.) Sally Enos

MAHATMA EDUCATION SOCIETY'S Pillai College of Education & Research Dr Pillai Teacher Training & Research Centre Piot No 1, Sector-8, Khanda Colony, New Panvel-410 206.



METRICS No. 7.1.4

Income Expenditure statement highlighting expenditure towards Waster Management

Dr. (Ms.) Sally

PRINCIPAL MAHATMA EDUCATION SOCIETY'S Pillai College of Education & Research Dr Pillai Teacher Training & Research Centre Plot No 1, Sector-8, Khanda Colony, New Panyel-410 206.

MAHATMA EDUCATION SOCIETY PILLAI COLLEGE OF EDUCATION & RESEARCH- (B.Ed) SECTOR - 8, KHANDA COLONY, NEW PANVEL-410206

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH, 2023

	EXPENDITURE	AMOUNT Rs.	AMOUNT Rs.	INCOME	AMOUNT Rs.	AMOUNT Rs.	
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то	WORKSHOP & SEMINARS		15,650.00				
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то	TRAVELLING & CONVEYANCE		21,405.00				
то	ADVERTISING & PUBLICITY		9,500.00				
то	NEWSPAPER, JOUNLS & PERIOI		15,974.00				
то	BOOK BINDING CHGS		105.00				
то	SANITARY EXPS		7,440.00				
то	OFFICE EXPS		10,490.00				
то	MISC EXPS		25,800.00				
то	REPAIRS & MAINTENANCE		37,550.00				
то	WASTE MANAGEMENT MAINTENA	ICE	20,775.00				
	WATER MANAGEMENT & CONSER		31.670.00				
	ELECTRICAL INSTALLATION MAIN		4,877.00				
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INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH, 2023

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TO SPONSORSHIP RECD		15,000.00			
TO AUDIO-VISUAL EXPS		744.00			
TO DEPRECIATION		956,710.00			
FURNITURE & FIXTURES	129,528.00				
LABORATORY EQUIPMENTS	65,289.00				
TEACHING AIDS	2,830.00				
COMPUTERS	588,715.00				
AUDIO VISUAL EQUIPMENTS	14,120.00				
LIBRARY BOOKS	147,332.00				
AIRCONDITIONERS	3,056.00				
XEROX MACHINES	2,993.00				
STABILIZER & U.P.S.	1,724.00		-		
AUDIO-VISUAL EQUIPMENT	1,123.00				

Dr. (M.) Sully Enos PRINCIPAL MAHATMA EDUCATION SOCIETY'S Pillai College of Education & Research Dr Pillai Teacher Training & Research Centre Plot No 1, Sector-8, Khanda Colony, New Panvel-410 206 6

	12,282,237.30	12,282,237.30
PLACE: NEW PANVEL, NAVI MUMBAI - 410206 DATE: 21ST MAY, 2023		EXAMINED AND FOUND CORRECT For S.B. BHAVI & CO., Chartered Accountants
CHAIRMAN SECRETARY	JT.SECRETARY	PRINCIPAL PROPRIETOR 115387 5 (S.B BHAVI & CO., F.C.A., M.NO.115387)