

GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM – 612 001

Affiliated to Bharathidasan University

DST - CURIE Sponsored Institution

IV Cycle of Accreditation



☎ 0435 – 2401391

✉ principal@gcw.ac.in



CRITERION VII-INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 Institutional Values and Social Responsibilities

7.1.6 Quality Audits on Environment and Energy

7.1.6.4 Green Audit

GREEN AUDIT
OF
GOVERNMENT COLLEGE FOR WOMEN (A), KUMBAKONAM
(Affiliated to Bharathidasan University)
DST – CURIE Sponsored Institution



Submitted by

Green ExNoRa International
(A Community to Serve Planet Earth)
No.40, Vijaya Raghava Rd,
Near Andhra Club,
Parthasarathi Puram, T.Nagar,
Chennai – 600017.

Green ExNoRa International

(A Community to Serve PlanetEarth)
No.40,Vijaya Raghava Rd,Near Andhra Club,
Parthasarathi Puram, T.Nagar,
Chennai - 600017



This is to certify that the Green Audit for the Academic Year 2022-2023 for Government College for Women (Autonomous), Kumbakonam – 612001 has been carried out. The report has been prepared based on the onsite audit observation, review of documents and records and interview with stakeholders. The college has a clear commitment towards protecting the environment and ecosystems with an impeccable Environment Policy. Overall, the green belt development initiatives of Government College for Women(Autonomous), Kumbakonam – 612001 is **Commendable**.

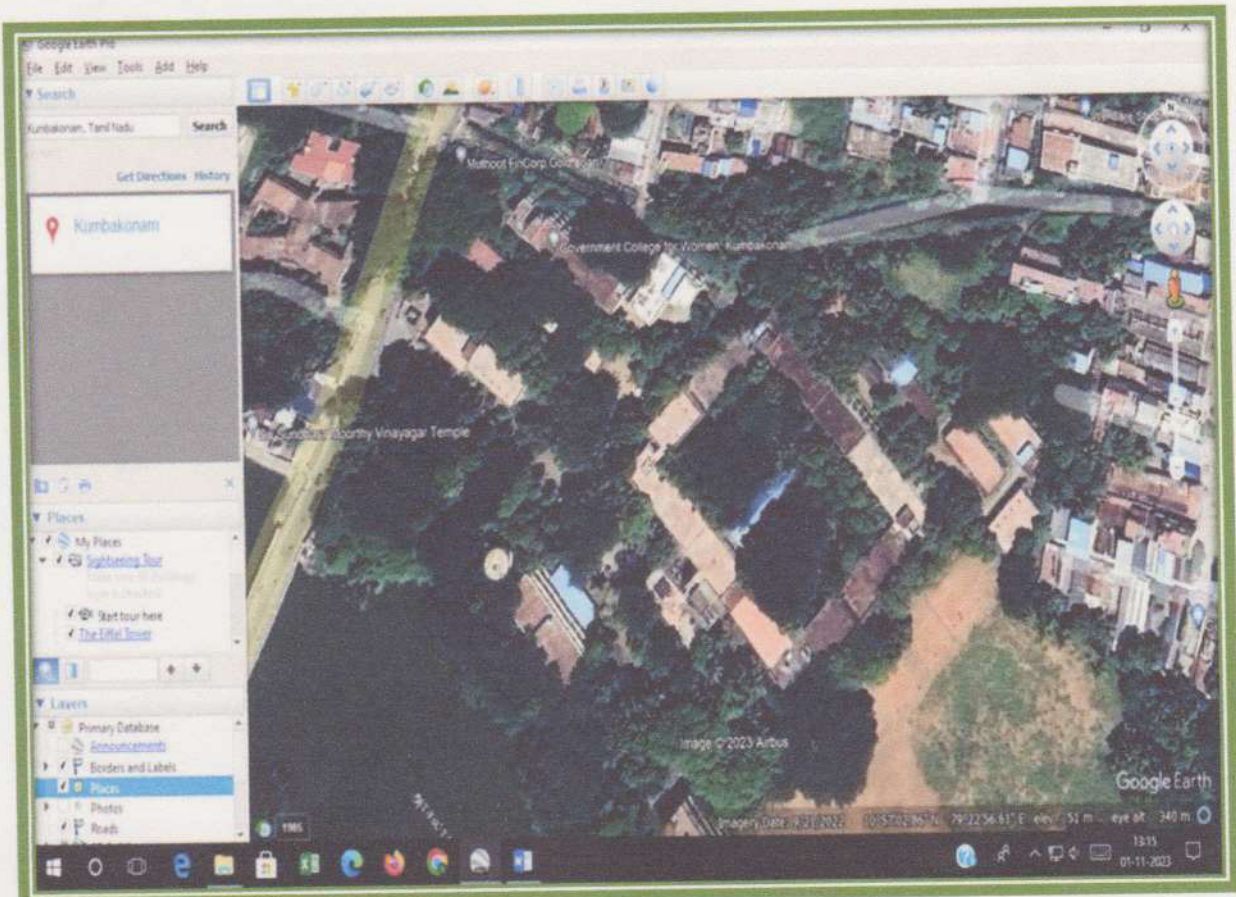


R. Narayan
12/04/2023
RAGHAVA NARAYANAN
Past State ExNoRa President
and
District ExNoRa Chairman
Thanjavur District

On - Site Audit Observation 2022-2023

1. Lush Green Campus on the banks of river Arasalar, a tributary of river " Cauvery".
2. Conscious efforts to reduce Co₂ emission by increasing vegetation cover.
3. Explored the possibility of nonconventional energy by installing solar powered street lights in the campus and hostel.
4. Float / water level indicator ensures that the drinking water is not wasted.
5. The output of RO plant is utilized for growing plants.
6. Vermicomposting unit in the campus ensures solid waste management.
7. Biomedical waste management is ensured by the installation of incinerators.
8. Rain Water Harvesting (RWH) facility to tap the potential of rain water for drinking purposes.
9. Establishment of Effluent Treatment Plant is in progress to ensure that chemical wastes discharged does not pollute the environment.
10. The old answer scripts have been properly disposed off by auctioning to TNPL.
11. Replacement of old CRT monitors by LCD monitors has reduced power consumption.
12. A conscious effort has been made to replace conventional tube lights either by CFL or LED bulbs to reduce power consumption, In addition, sensor based lights have also added to the energy conservation.
13. Tale of Trees through QR Codes which ensures that the Technology meets Environment is a novel initiative, which is witnessed only in Botanical Garden, Ooty, Tamil Nadu.
14. E-Wastes are accumulated and displayed in "E-Waste bay".
15. Solid waste is segregated into Biodegradable and Non-Biodegradable.
16. Toner refilling instead of buying a new cartridge for Laser Printers and replacement of old Exide Solar Tubular batteries by new batteries add substance to the Green Initiatives in the campus.

Satellite Image of the Campus



Vermicomposting



No. 492



CREDIT BILL

The Kumbakonam Government College (Women)
Students & Staff Co-operative Stores Limited. O. K. G.

TO
The principal
Govt. College for Women (A), Kumbakonam

S No	PARTICULARS	Rate	No.	Rs.	Ps.
1.	System Service Computer Dept. Computer Science Dept.	200 -	10	2000	-
2.	Printers Service	4000 -	1	4000	-
3.	Ricksh printer Service	4500 -	1	4500	-
4.	Printer toner Refill	4075 -	1	4075	-
				14,575	-
	Add 6%.			874.50	
			(A)	15,449.50	
					.50
				15,450	
				15,450.00	

15,450 / -

Rs. Fifteen thousand

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 IN
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 thirupathitraderskmito@gmail.com
 GSTIN: 33AQAPR3004L1Z4



TAX INVOICE

TAX INVOICE NO. TT/09-20494
DATE 04/03/2020
DUE DATE 04/03/2020
TERMS Net 30

INVOICE TO
 The Principal
 Govt. College for Women
 (Autonomous)
 kumbakonam, 612601

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 33 - Tamil Nadu

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT

Sl. No.	QTY	DESCRIPTION	UNIT	TAX	AMOUNT
1	64 gb	PEN DRIVE	1	18.0% GST	930.00
2	Refilling	TONER CARTRIDGE	2	18.0% GST	340.00
3	A4 Sheet	Paper	5	18.0% GST	170.00
4	wifi dongle	Modem	1	18.0% GST	320.00
5	Projector Refitting	SERVICE CHARGE FOR LABOUR	1	18.0% GST	900.00
6		K71 USER ANTIVIRUS	1	18.0% GST	560.00

Thank you for your business and have a great day ..

SUBTOTAL
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 SGST @ 9% on 4238.05
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 BALANCE DUE

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Rupees Five Thousand and Paise Ninety One Only



சிவசுப்பிரமணியன் லேபர்ஸ் பிரைவட் லிமிடெட்
 2019-2020-ஆம் நிர்வாக ஆண்டில் சிவசுப்பிரமணியன் லேபர்ஸ் பிரைவட் லிமிடெட்
 உட்கட்டுகின்றன. Pen drive, Toner cartridge, Paper, Modem.

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MM/SP/PO/192015006579

19/11/2019

TO
 THE PRINCIPAL,
 GOVERNMENT COLLEGE FOR WOMEN (A),
 KUMBakonam
 TAMIL NADU - 612 001

Dear Sir,

Please find the enclosed Original Cheque for the local waste paper (valued answer booklets) supply payment & details were mentioned below

S.NO	SUPPLIER NAME	BANK NAME	CHEQUE NO	CHEQUE DATED	AMOUNT (RS)
1	THE PRINCIPAL, GOVERNMENT COLLEGE FOR WOMEN (A), KUMBakonam.	SBI	10723	19/11/19	1,34,100.00
				TOTAL	1,34,100.00

Kindly acknowledge the receipt of above.

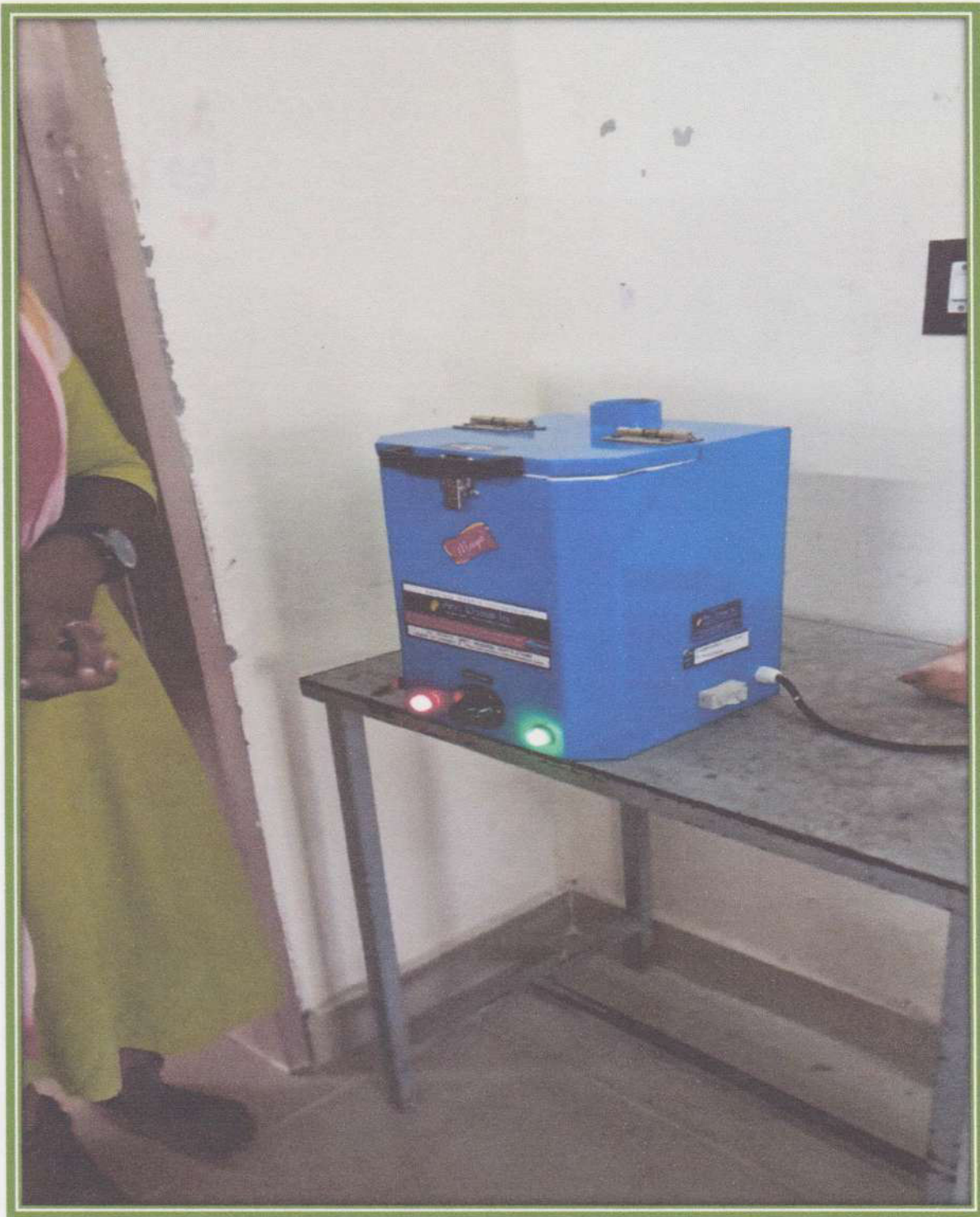
Thanking You,

Yours faithfully,

for TAMILNADU NEWSPRINT AND PAPERS LTD.,

(Signature)
 Sr. Manager (Purchase)

Incinerator



Tale of Trees through QR Code



Utilization of RO output for growing plants



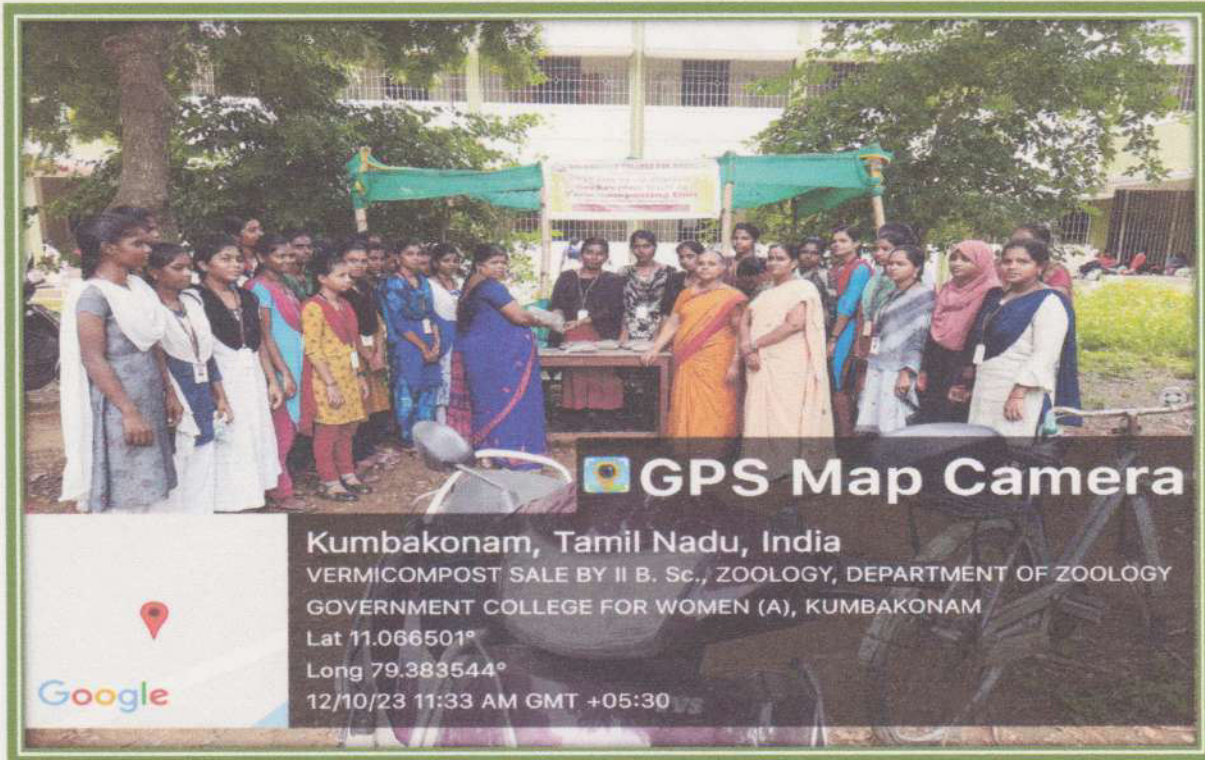
Float in the Water Tank



Solar Street Lights



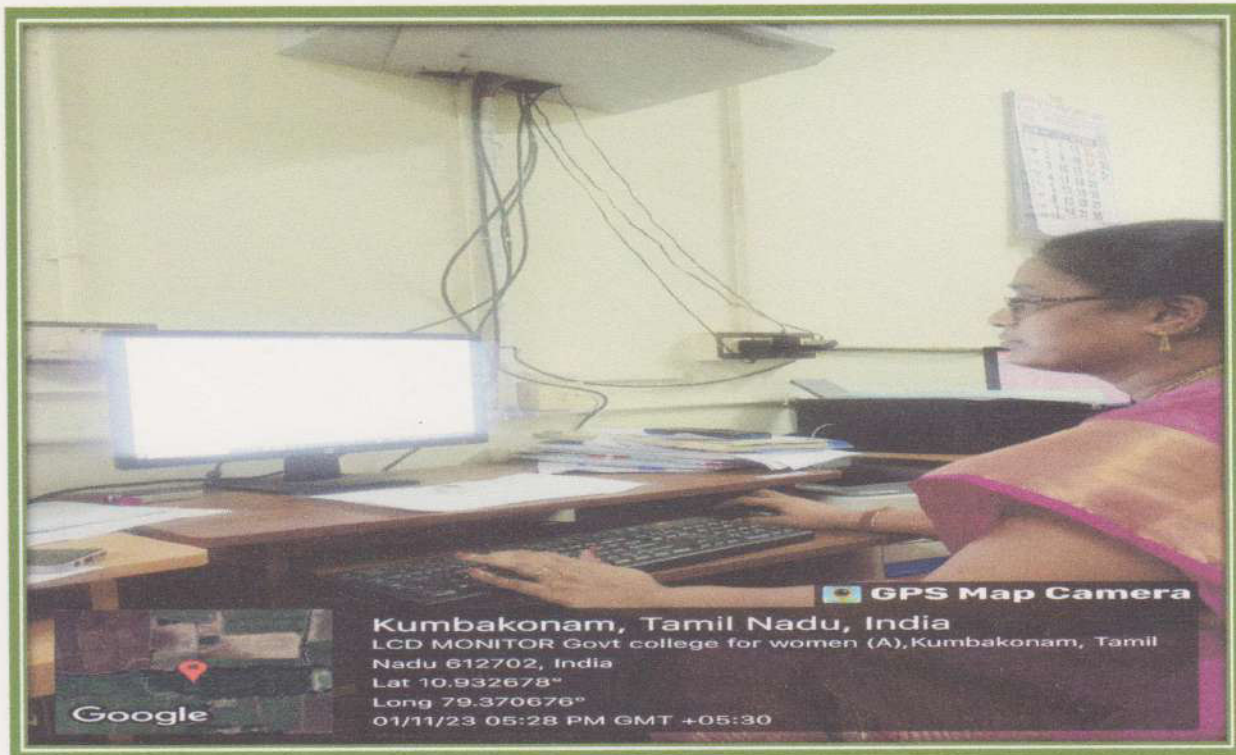
Sale of Vermicompost



Rain water Harvesting



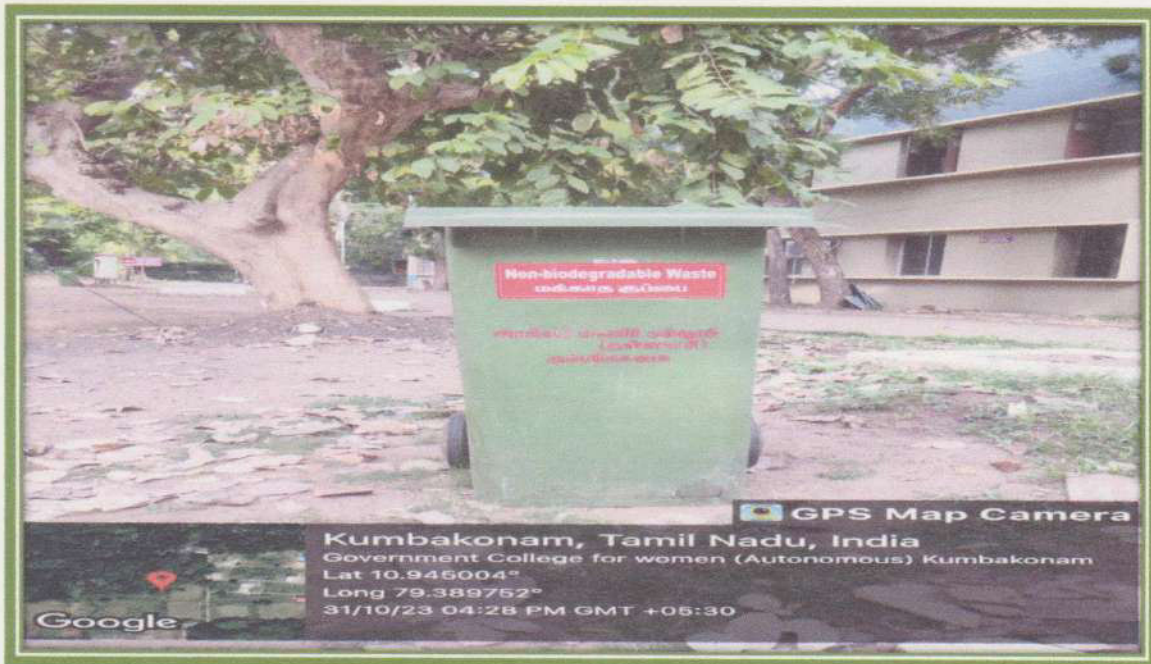
Conversion of CRT monitor to LCD Monitor



E-Waste Bay



Solid Waste Management



Recommendations

1. More indoor plants can be grown.
2. Department of Botany can explore the possibility of developing a nursery of native species plants.
3. Green policy of the campus can be displayed on the Website.
4. Herbal Garden can be revived.



R. Narayan
12/04/2023
RAGHAVA NARAYANAN
Past State ExNoRa President
and
District ExNoRa Chairman
Thanjavur District

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DST – CURIE Sponsored Institution



Submitted by

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(A Community to Serve Planet Earth)
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11/05/2022.
RAGHAVA NARAYANAN
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District ExNoRa Chairman
Thanjavur District

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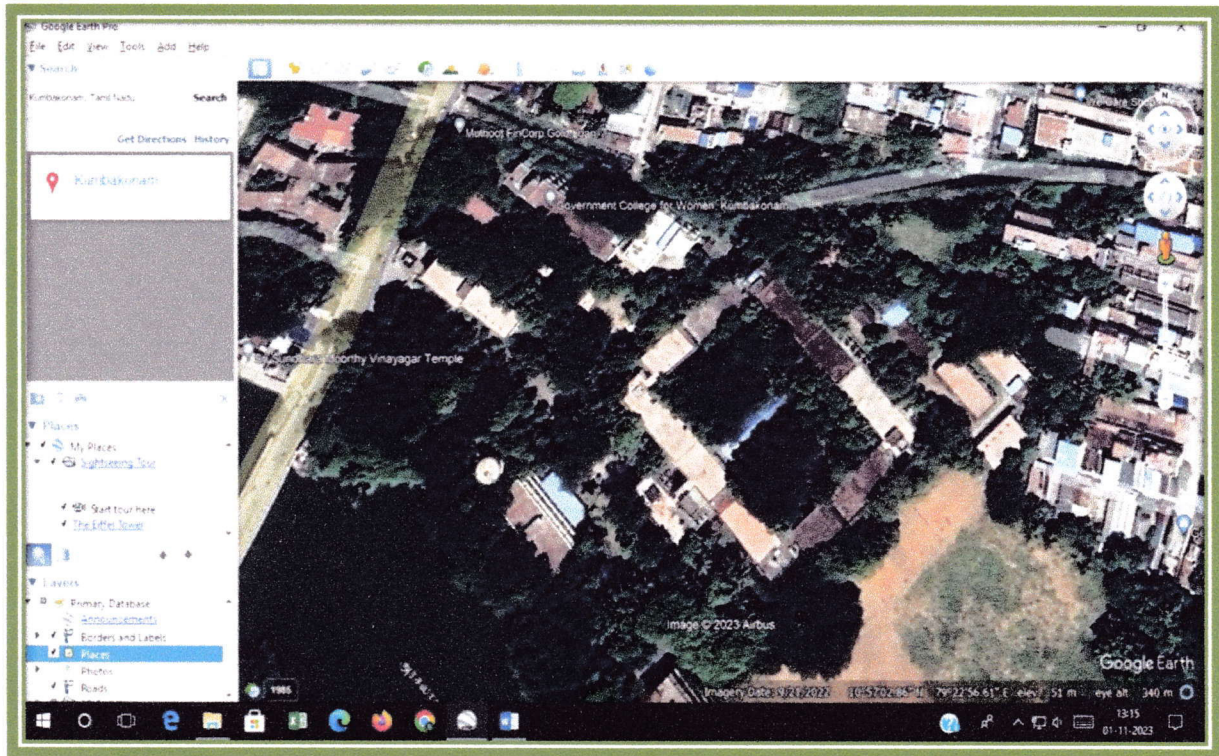


R. Narayan
11/05/2022
RAGHAVA NARAYANAN
Past State ExNoRa President
and
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Thanjavur District

On - Site Audit Observation 2021-2022

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8. Replacement of conventional tube lights by LED bulbs in the old conference hall.
9. Sensor based lights have been installed in the COE block adding to the energy conservation.
10. Float / water level indicator ensures that the drinking water is not wasted.
11. Vermicomposting unit in the campus ensures solid waste management.
12. Biomedical waste management is ensured by the installation of incinerators and doing virtual dissection in the department of Zoology.
13. Replacement of conventional tube lights by LED bulbs in the new admin block and COE block.

Satellite Image of the Campus



Rain water Harvesting

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MM/SP/00192015006573

16/11/2019

TO

THE PRINCIPAL,
 GOVERNMENT COLLEGE FOR WOMEN (A),
 KUMBakonam,
 TAMILNADU - 5 2 001

Dear Sir,

Please find the enclosed Original Cheque for the local waste paper (valued answer book etc) 192015
 payment & details were mentioned below

S.NO	SUPPLIER NAME	BANK NAME	CHEQUE NO	CHEQUE DATED	AMOUNT (RS)
1	THE PRINCIPAL, GOVERNMENT COLLEGE FOR WOMEN (A), KUMBakonam.	SH	10723	19-11-19	1,54,100.00
TOTAL					1,54,100.00

Kindly acknowledge the receipt of above.

Thanking You,

Yours faithfully,

for TAMILNADU NEWSPRINT AND PAPERS LTD.,

Sr. Manager (Purchase)

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Date 17/5/22

The Kumbakonam Government College (Women)
Students & Staff Co-operative Stores Limited. O. K. G.

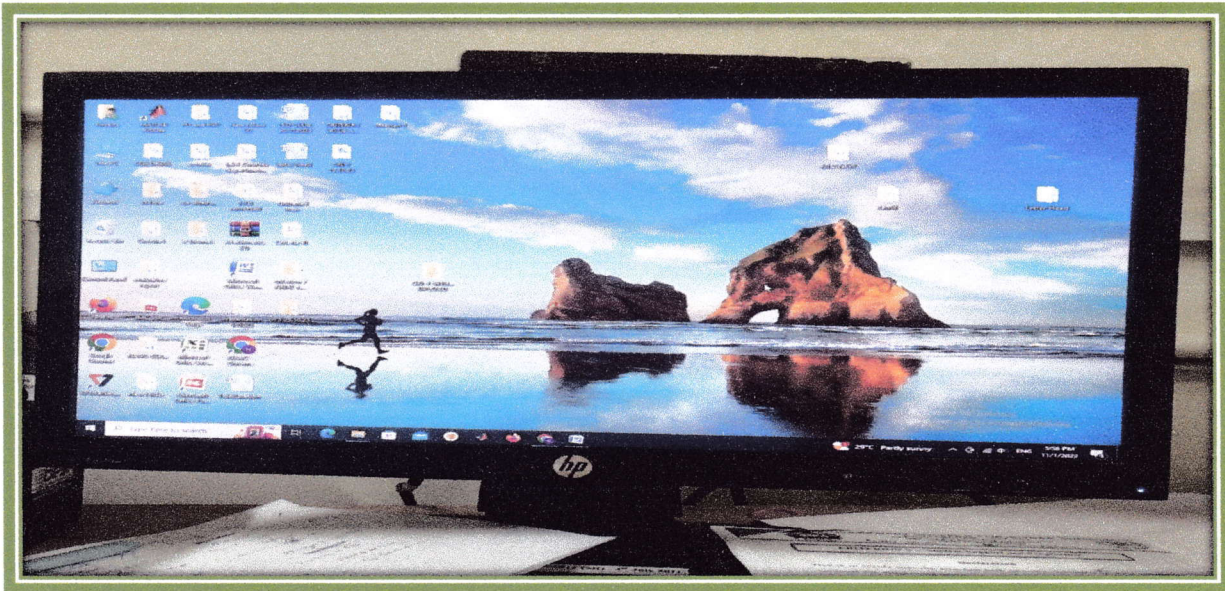
TO
The principal
Govt. college for women(A), Kumbakonam

S No	PARTICULARS	Rate	No.	Rs.	Ps.
1.	System Service Compu Dept. Computer Science Dept.	200 -	10	2000	-
2.	Printer Service	4000 -	1	4000	-
3.	Richh printer Service	4500 -	1	4500	-
4.	Printer toner Refill	4075 -	1	4075	-
				14,575	-
	Add 6%.			874.50	
			(A)	15,449.50	
					.50
				15,450	
	Rupees Fifteen thousand			15,450.00	

Incinerator



Conversion of CRT monitor to LCD Monitor



Recommendations

1. Recommend the installation of Effluent Treatment Plant to protect the water table in the campus.
2. E – Waste in the campus can be organised.
3. Can explore other green initiatives like blending technology and environment.



R. Naray
11/05/2022
RAGHAVA NARAYANAN
Past State ExNoRa President
and
District ExNoRa Chairman
Thanjavur District



GREEN AUDIT

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(Affiliated to Bharathidasan University)



Submitted by

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(A Community to serve planet earth)
No.40, VijayaRaghava Rd,
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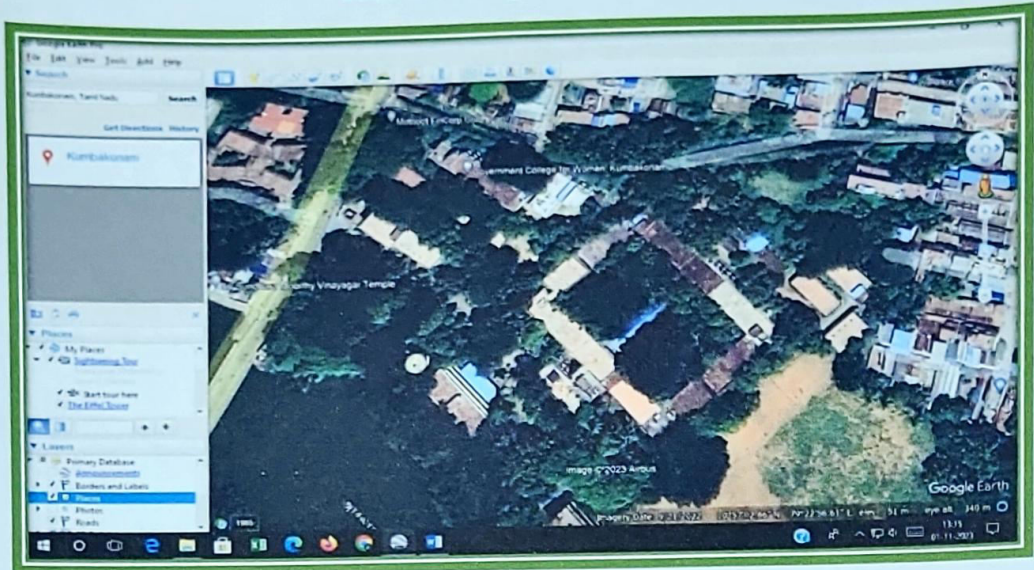


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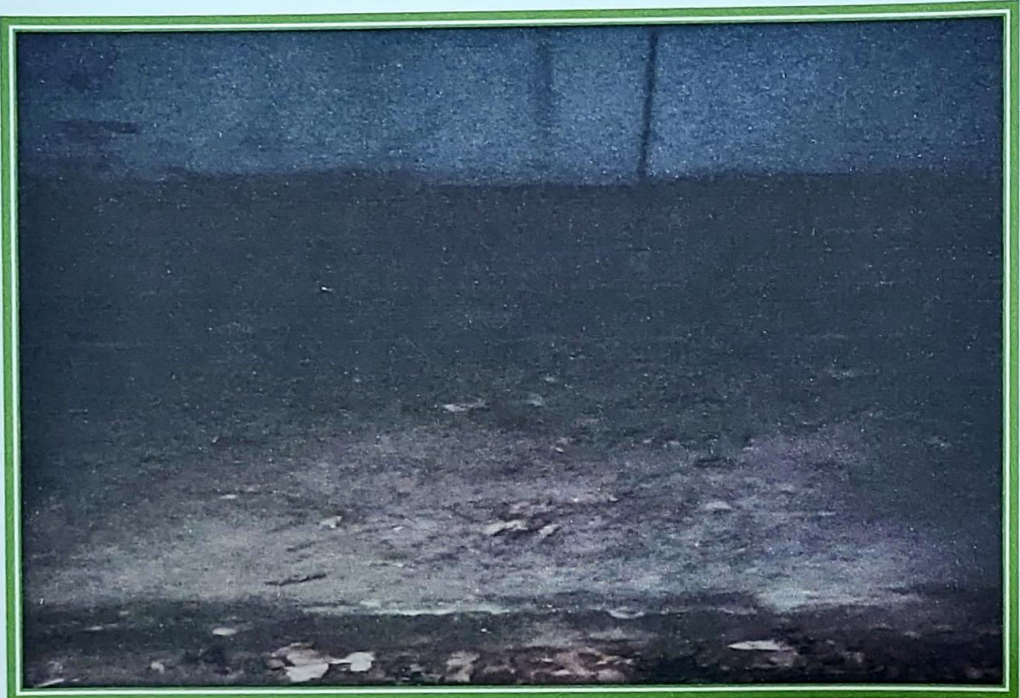


R. dlm
08/04/2021
RAGHAVA NARAYANAN
Past State ExNoRa President
and
District ExNoRa Chairman
Thanjavur District

Satellite Image of the Campus



Rain water Harvesting



Disposal of valued Answers Scripts



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MM/SP/PO/192015006579

DT: 21.11.2019

TO

THE PRINCIPAL,
 GOVERNMENT COLLEGE FOR WOMEN (A),
 KUMBakonam,
 TAMILNADU - 612 001

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1	THE PRINCIPAL, GOVERNMENT COLLEGE FOR WOMEN (A), KUMBakonam.	SBI	107291	19.11.19	1,34,100.00
				TOTAL	1,34,100.00

Kindly acknowledge the receipt of above.

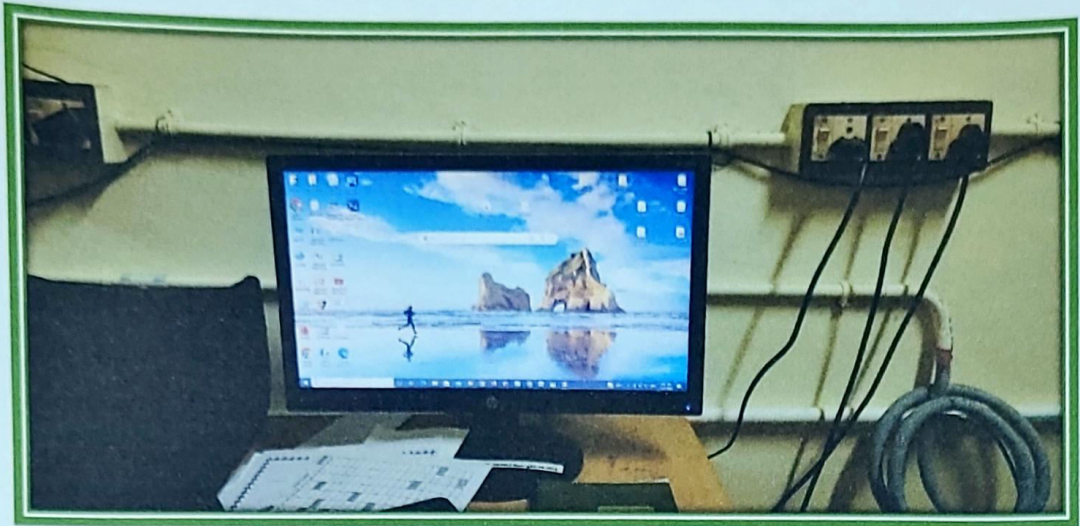
Thanking You,

Yours faithfully,

for TAMILNADU NEWSPRINT AND PAPERS LTD.,

M. Senthilraja
 Sr. Manager (Purchase)

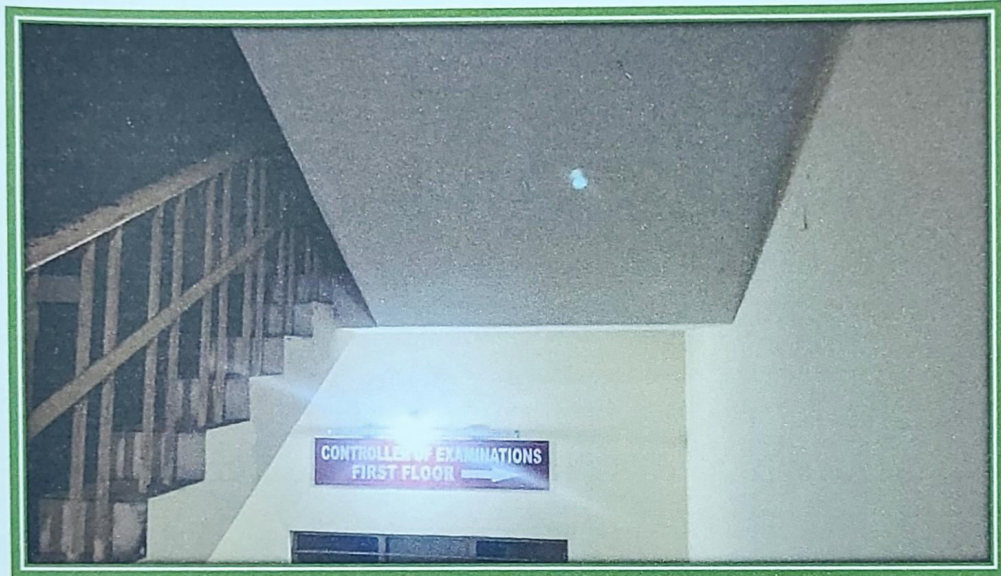
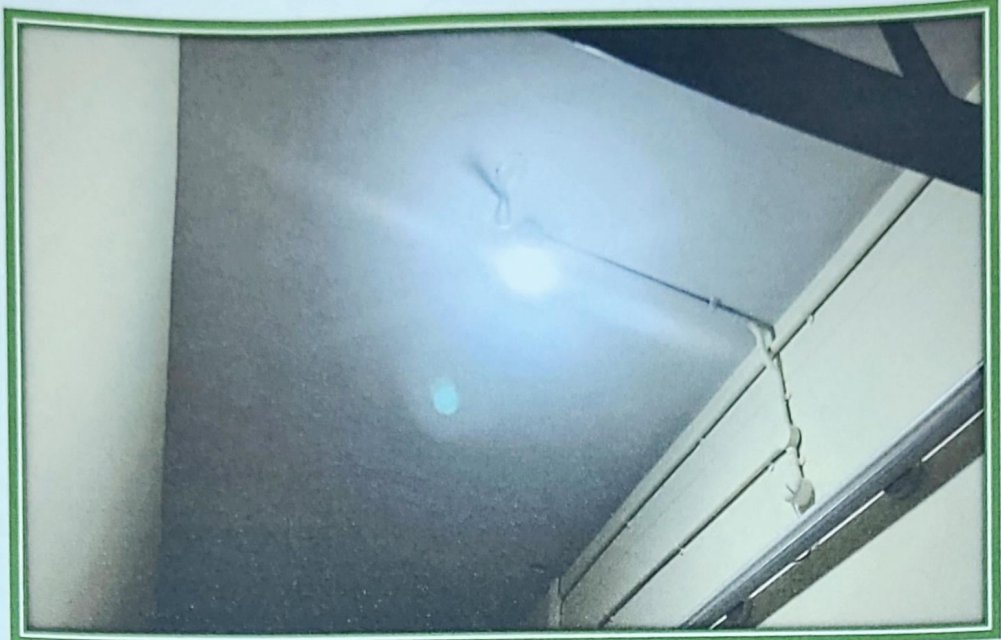
Conversion of CRT monitor to LCD Monitor



Float in the Water Tank



LED Bulbs in COE block



Recommendations

1. The institute can explore the possibility of biomedical waste management.
2. CFL / LED bulbs can be installed in other blocks too.



R. Narayana
08/04/2021
RAGHAVA NARAYANAN
Past State ExNoRa President
and
District ExNoRa Chairman
Thanjavur District



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OF

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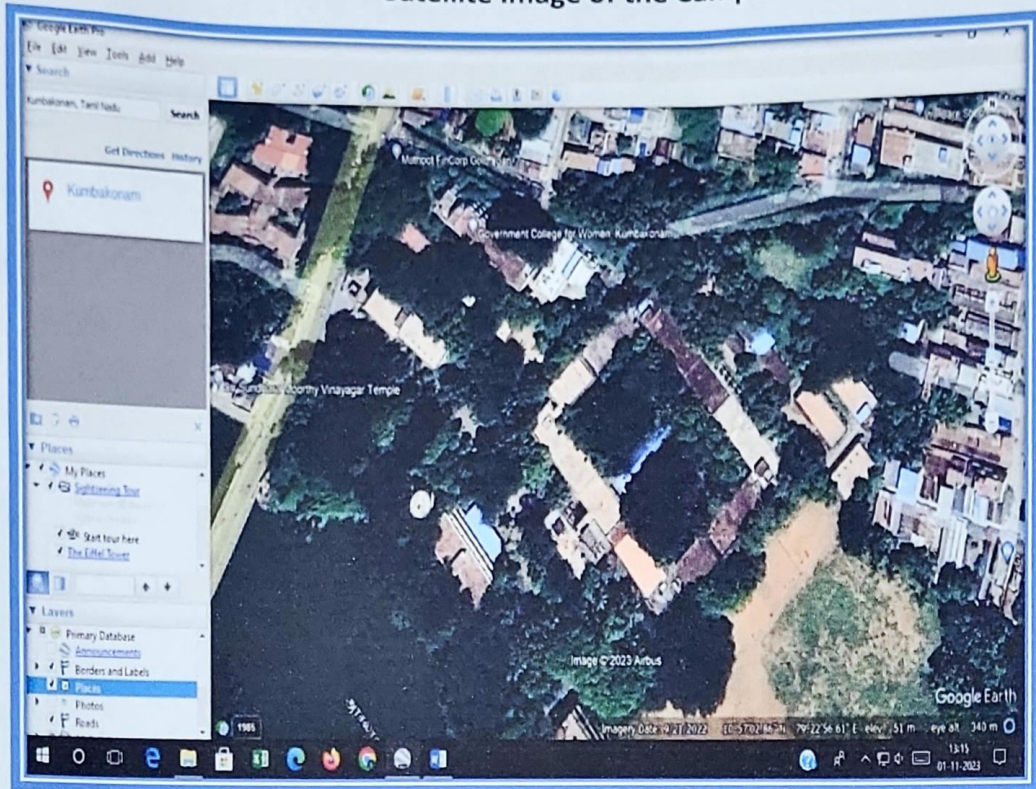


R. Narayan
3/04/2020
RAGHAVA NARAYANAN
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On - Site Audit Observation

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Satellite Image of the Campus



Rain Water Harvesting



Vermicomposting

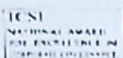


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MM/SP/NO/192015006579

17/ 21/11/2019

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Kindly acknowledge the receipt of above.

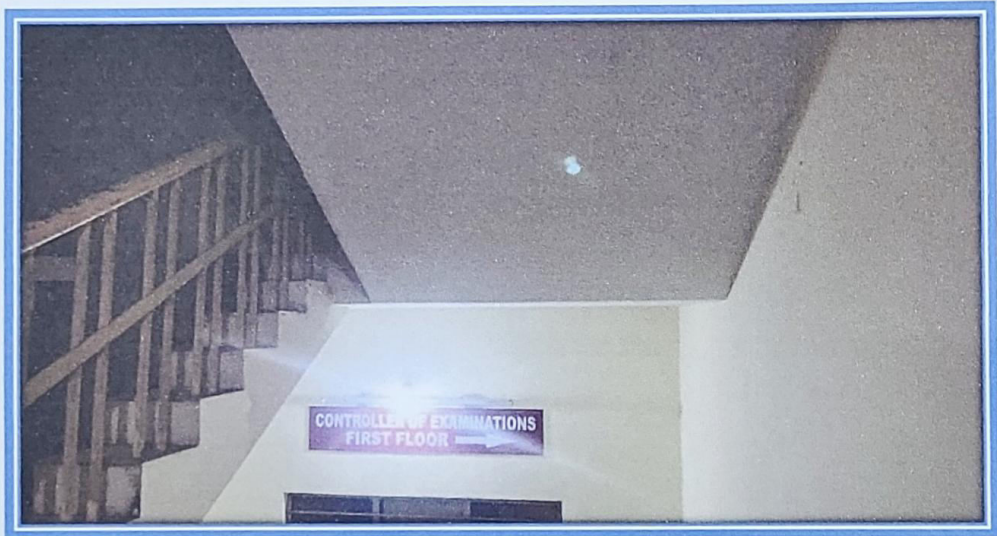
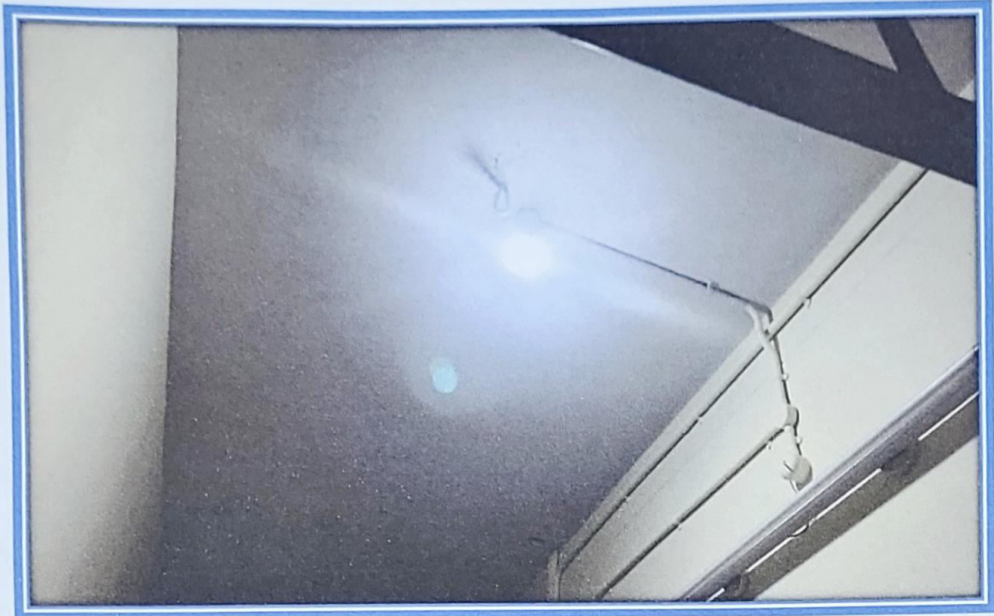
Thanking You,

Yours faithfully,

for TAMILNADU NEWSPRINT AND PAPERS LTD.,


 Sr. Manager (Purchase)

Use of LED bulbs



Recommendations

1. Initiatives to reduce water / liquid waste management can be taken up in the coming years.
2. Expansion of the infrastructure should not occur at the expense of the green canopy of the campus.



R. Narayana
3/04/2020
RAGHAVA NARAYANAN
Past State ExNoRa President
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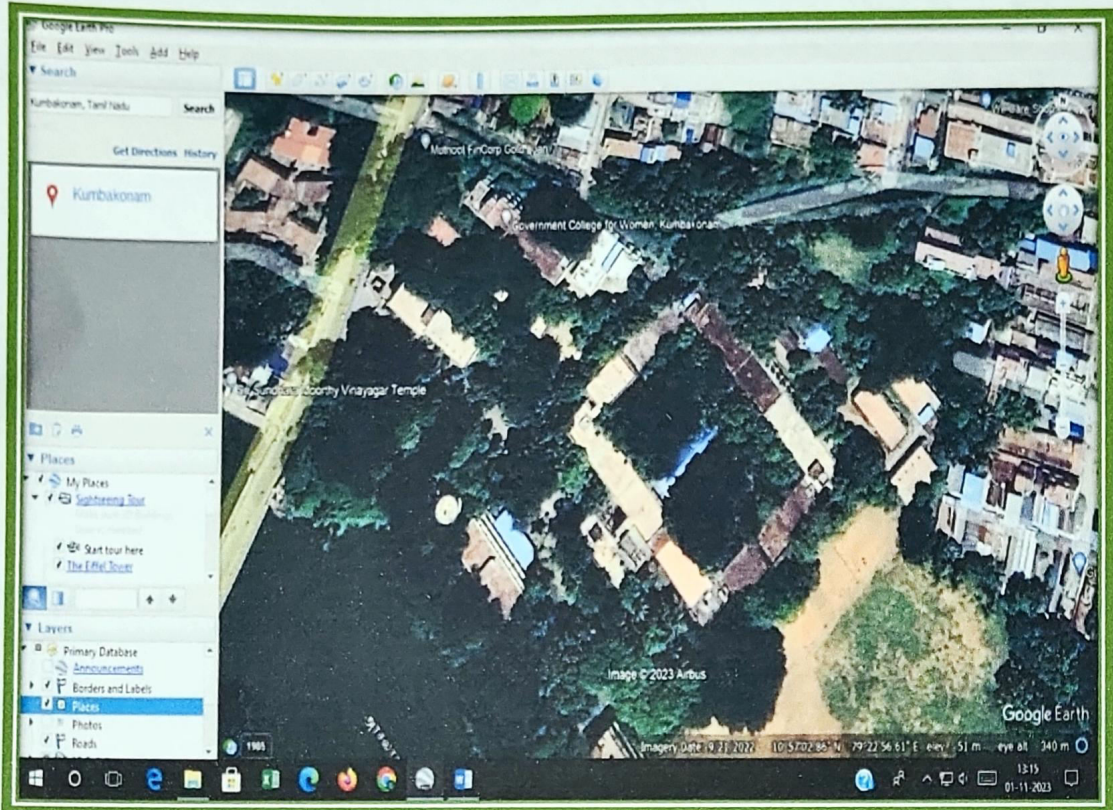


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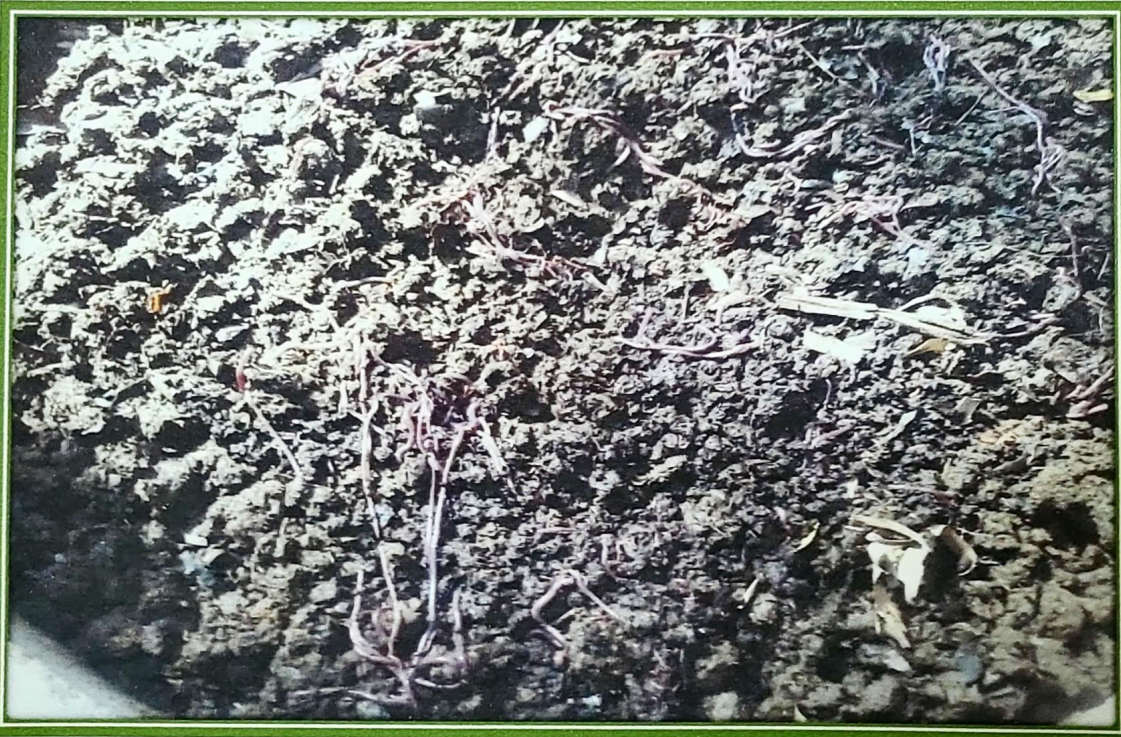
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SATELLITE IMAGE OF THE CAMPUS



VERMICOMPOSTING



RAIN WATER HARVESTING





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17/12/2019

MM/SF/NO/1920/5006579

TO

THE PRINCIPAL,
 GOVERNMENT COLLEGE FOR WOMEN (A),
 KUMBakonam,
 TAMILNADU - 612 001

Dear Sir,

Please find the enclosed Original Cheque for the local waste paper (valued answer booklets) supply payment & details were mentioned below.


S.NO	SUPPLIER NAME	BANK NAME	CHEQUE NO	CHEQUE DATED	AMOUNT (RS)
1	THE PRINCIPAL, GOVERNMENT COLLEGE FOR WOMEN (A), KUMBakonam.	SB	10723	19-12-19	1,54,100.00
				TOTAL	1,54,100.00

Kindly acknowledge the receipt of above.

Thanking You,

Yours faithfully,

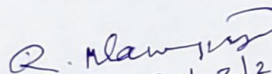
for TAMILNADU NEWSPRINT AND PAPERS LTD.,


 Sr. Manager (Purchase)

Recommendations

1. The institution can explore the possibility of introducing sensor based lights.
2. Can explore other green initiatives to reduce Co2 emission.




 20/03/2019
RAGHAVA NARAYANAN
 Past State ExNoRa President
 and
 District ExNoRa Chairman
 Thanjavur District.