

**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 VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.5 Internal Quality Assurance System**

**6.5.3 - Institution has adopted Quality Assurance**

**6.5.3.1 Quality Initiatives & Audits**

**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**.

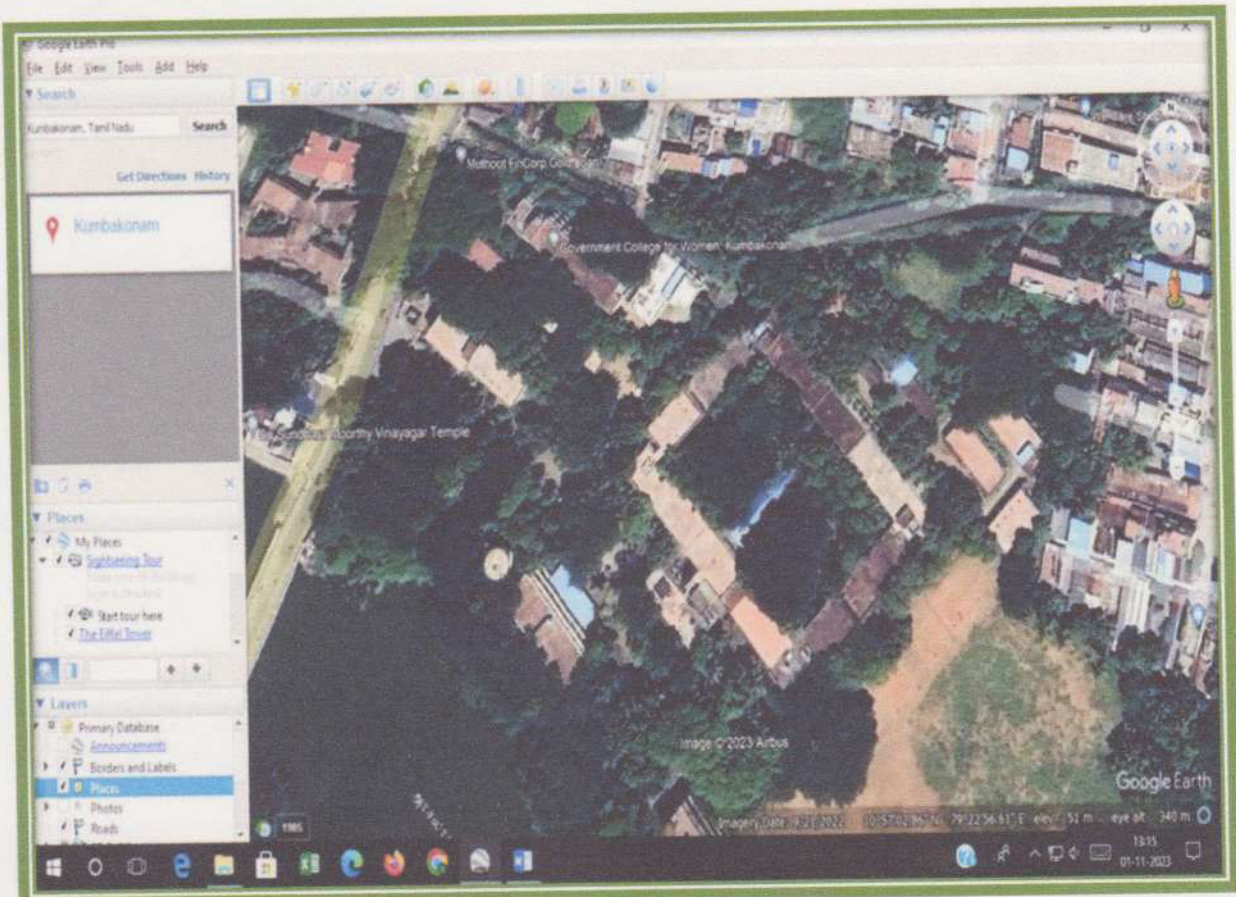


*R. Narayan*  
12/04/2023  
**RAGHAVA NARAYANAN**  
Past State ExNoRa President  
and  
District ExNoRa Chairman  
Thanjavur District

### **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 Co<sub>2</sub> 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



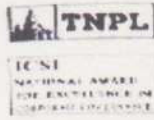
The Kumbakonam Government College (Women)  
Students & Staff Co-operative Stores Limited. O. K. G.

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	
	Rs. Fifteen thousand				



## Disposal of valued Answers Scripts



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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	1,54,100.00
				TOTAL	1,54,100.00

Kindly acknowledge the receipt of above.

Thanking You,

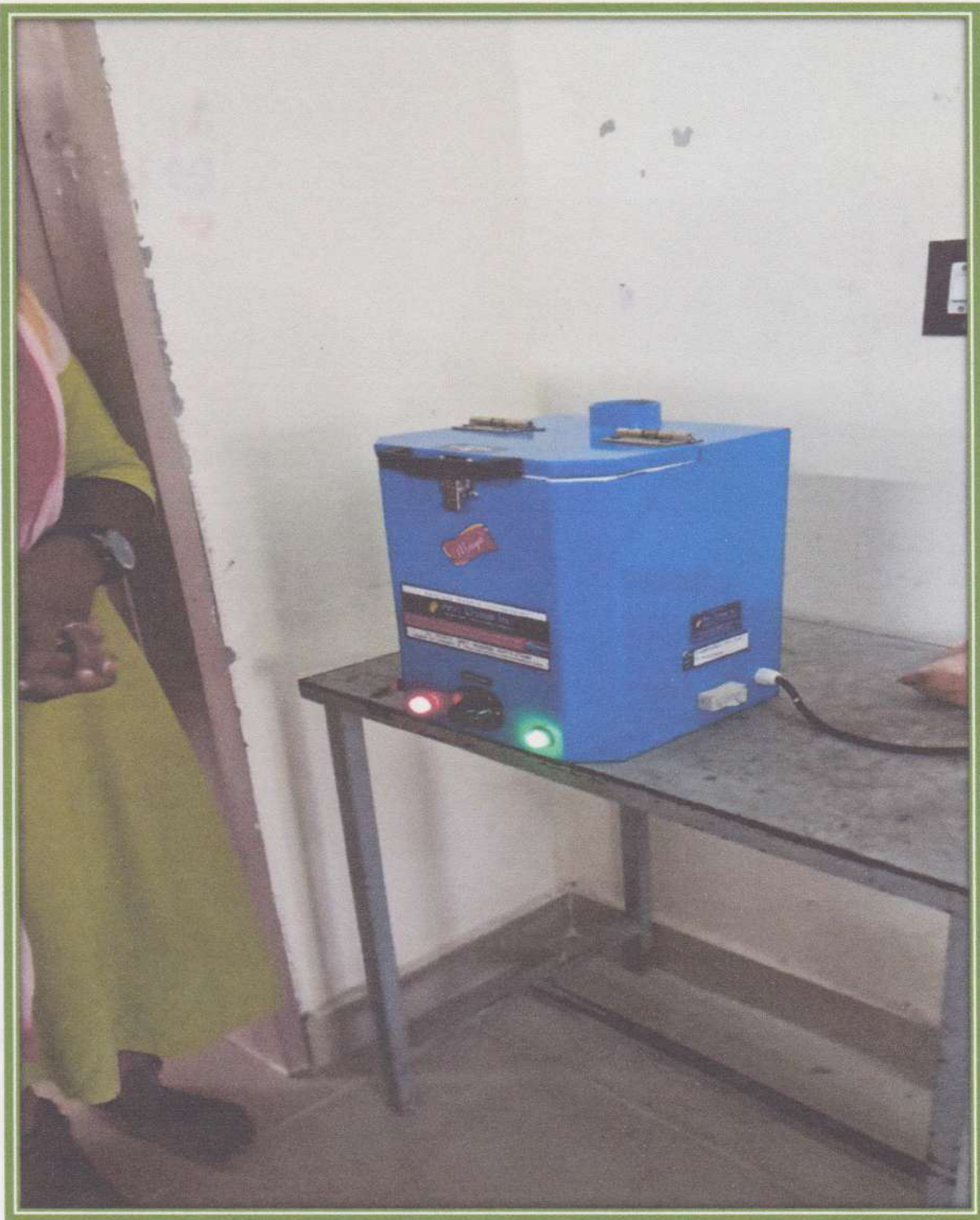
Yours faithfully,

for TAMILNADU NEWSPRINT AND PAPERS LTD.,

*(Signature)*  
 Sr. Manager (Purchase)



## Incinerator



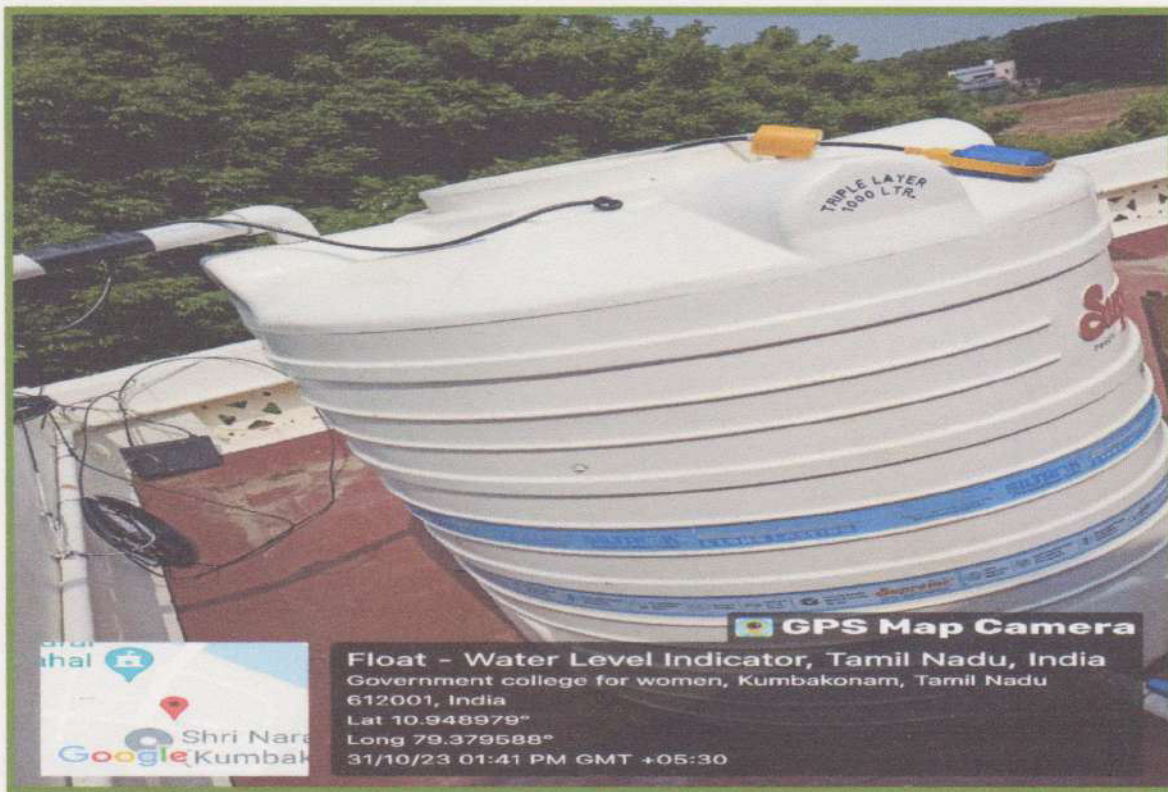
## Tale of Trees through QR Code



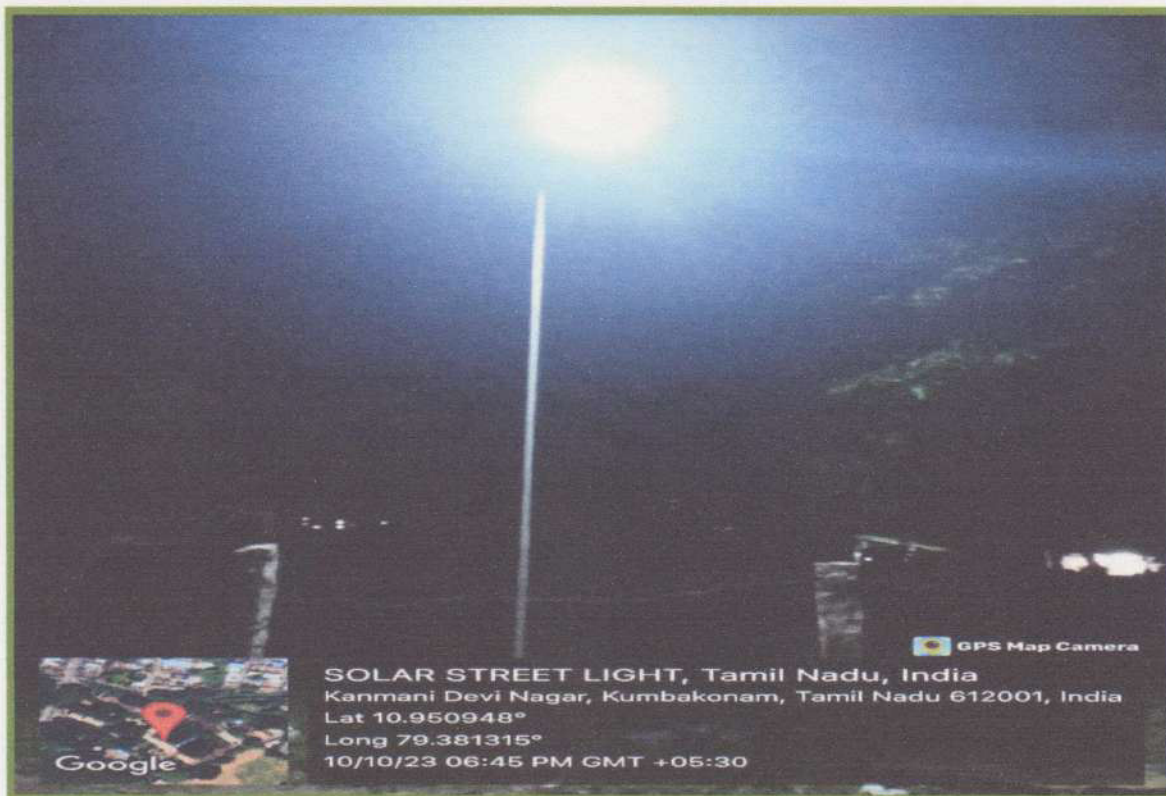
## Utilization of RO output for growing plants



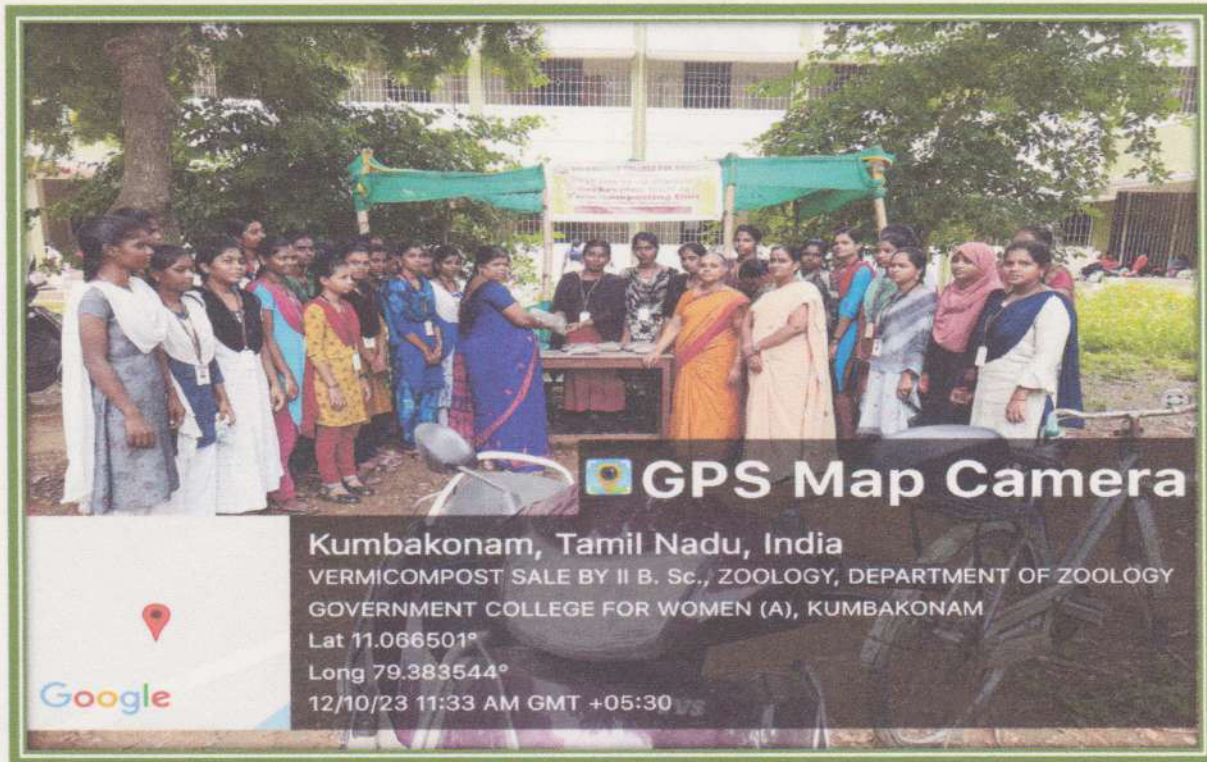
## Float in the Water Tank



## Solar Street Lights



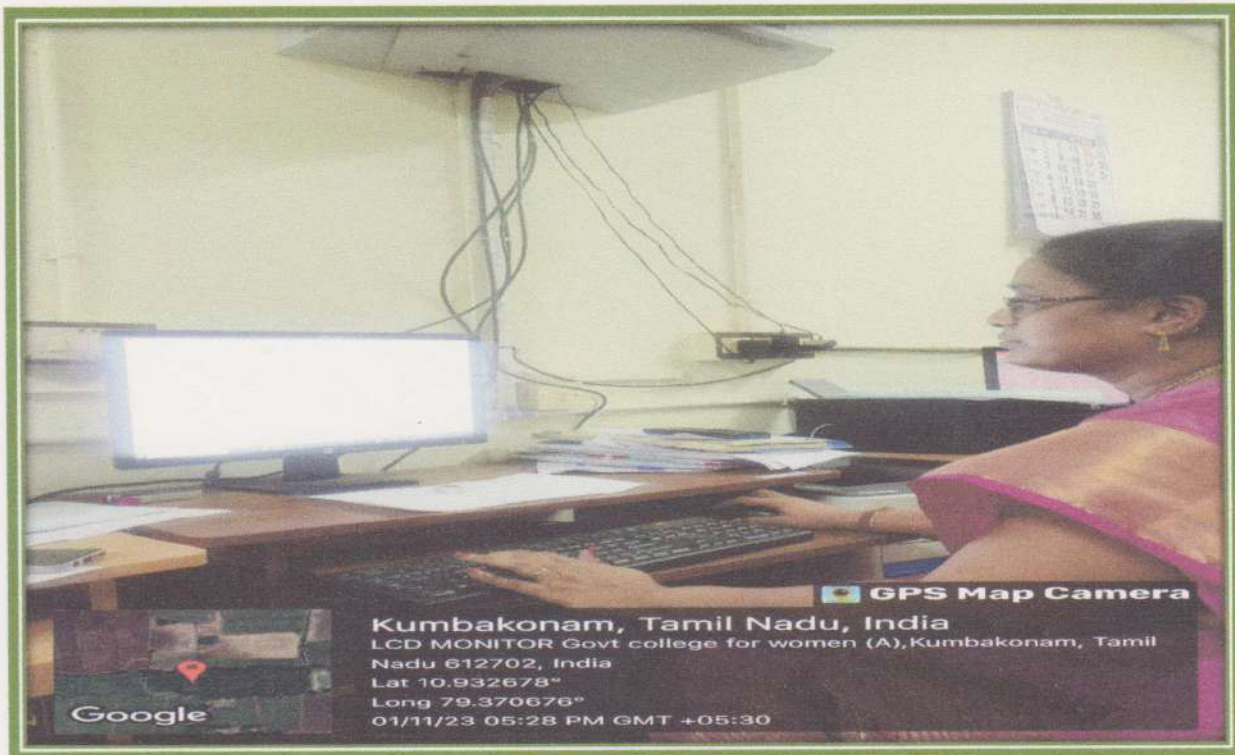
## Sale of Vermicompost



## Rain water Harvesting



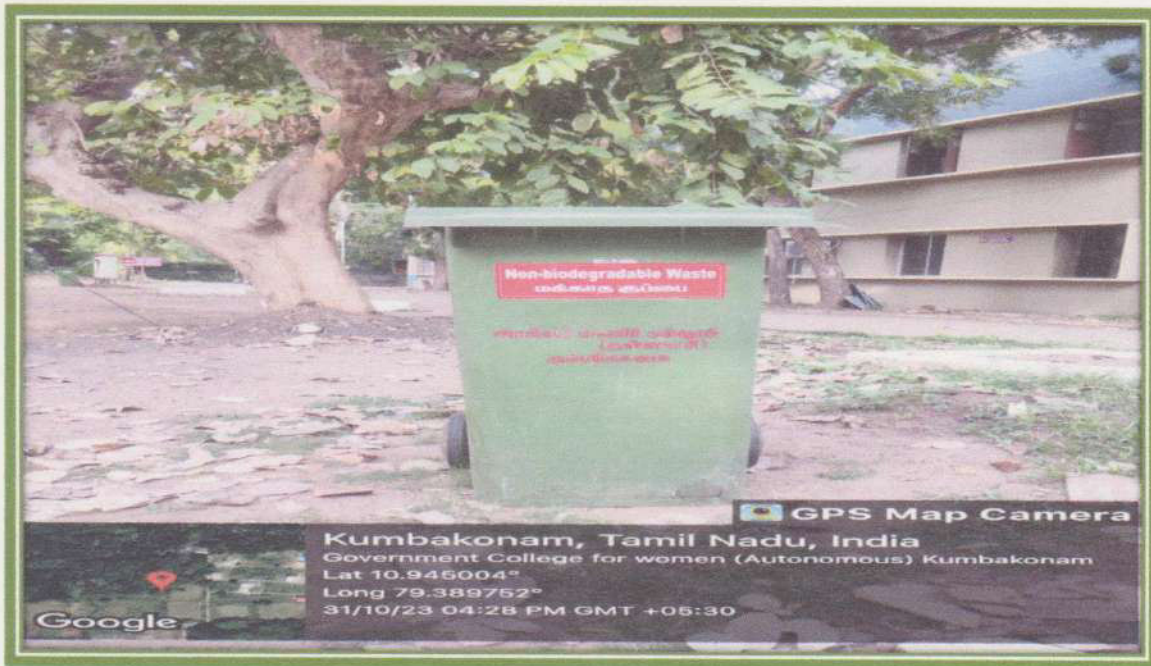
## Conversion of CRT monitor to LCD Monitor



## 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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**Submitted by**

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(A Community to Serve Planet Earth)  
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Parthasarathi Puram, T.Nagar,  
Chennai – 600017.

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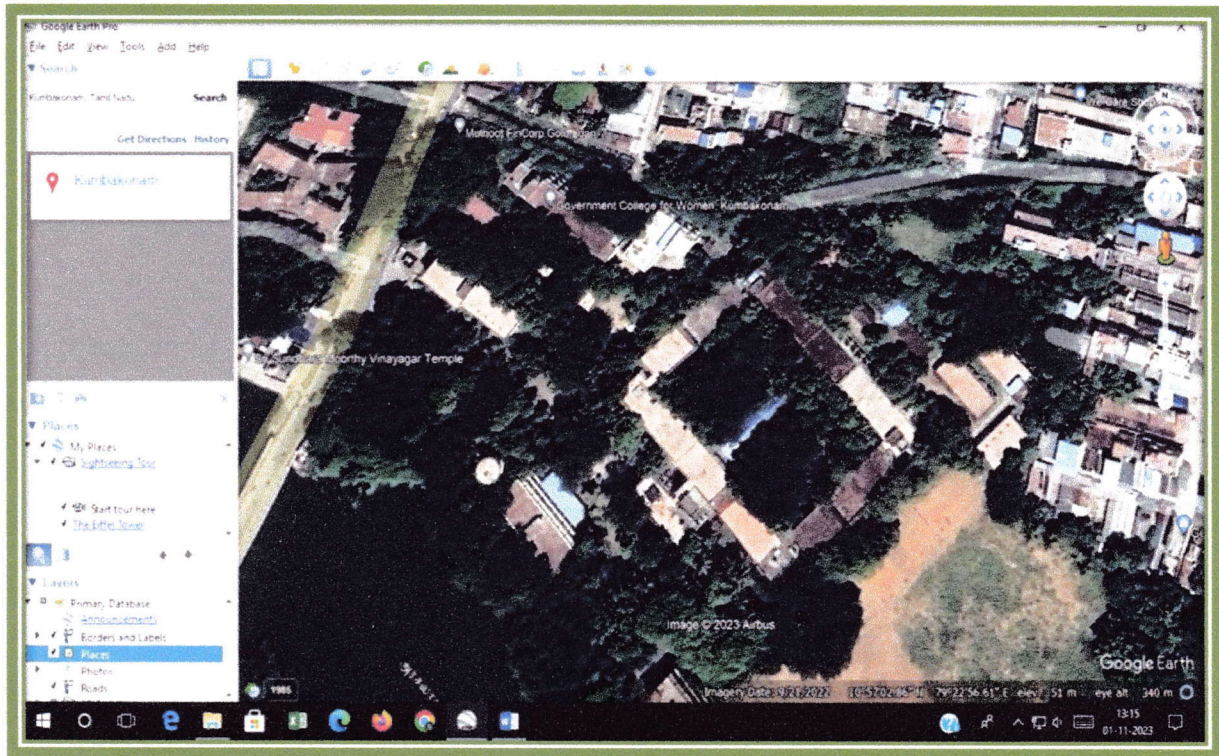


*R. Narayan*  
11/05/2022  
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District ExNoRa Chairman  
Thanjavur District

### **On - Site Audit Observation 2021-2022**

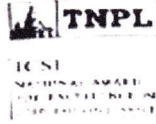
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8. Replacement of conventional tube lights by LED bulbs in the old conference hall.
9. Sensor based lights have been installed in the COE block adding to the energy conservation.
10. Float / water level indicator ensures that the drinking water is 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

## Disposal of valued Answers Scripts



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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

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Thanking You,

Yours faithfully,

for TAMILNADU NEWSPRINT AND PAPERS LTD.,

  
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Date 17/5/22

The Kumbakonam Government College (Women)  
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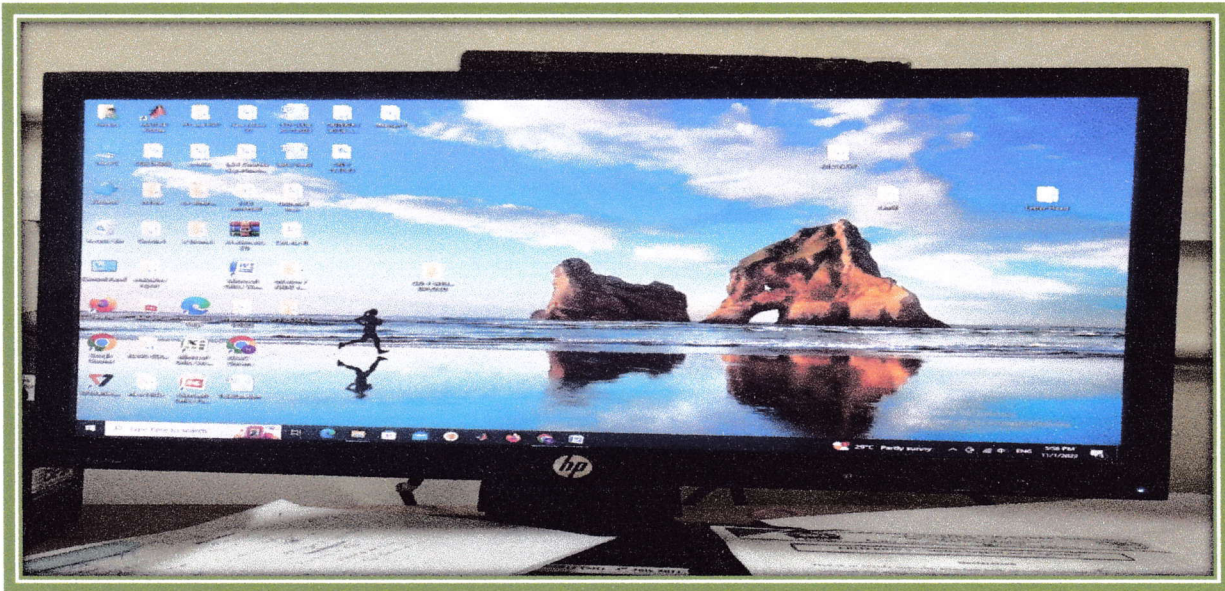
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	Add 6%.			874.50	
			(A)	15,449.50	
					.50
				15,450	
	Rupees Fifteen thousand			15,450.00	

## 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. Narayana*  
11/05/2022  
**RAGHAVA NARAYANAN**  
Past State ExNoRa President  
and  
District ExNoRa Chairman  
Thanjavur District



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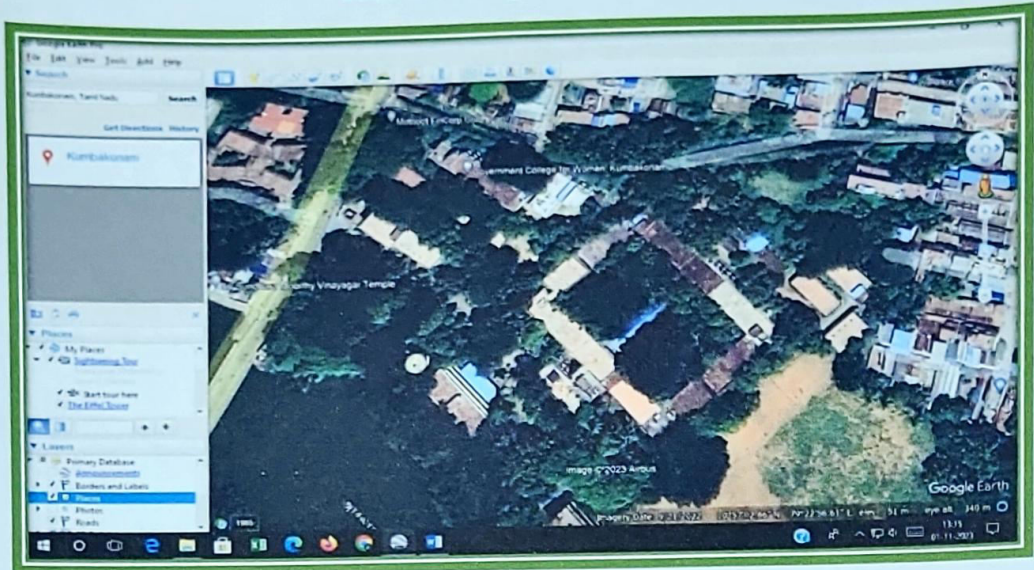


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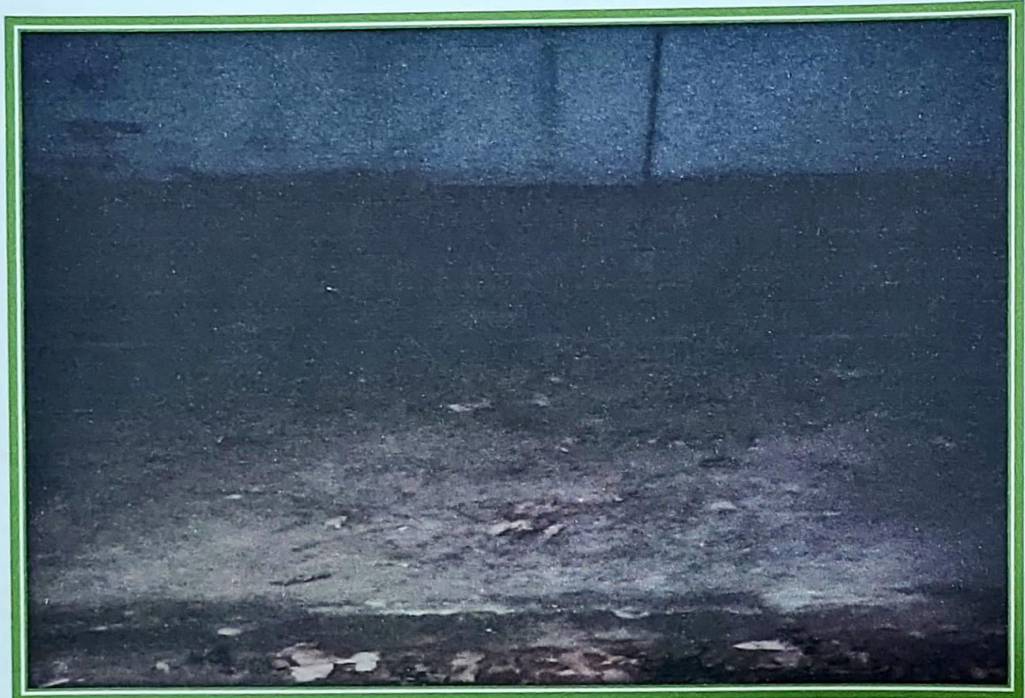


*R. dlm*  
08/04/2021  
**RAGHAVA NARAYANAN**  
Past State ExNoRa President  
and  
District ExNoRa Chairman  
Thanjavur District

## Satellite Image of the Campus



## Rain water Harvesting



## Disposal of valued Answers Scripts



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DT: 21.11.2019

TO

THE PRINCIPAL,  
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 TAMILNADU - 612 001

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				TOTAL	1,34,100.00

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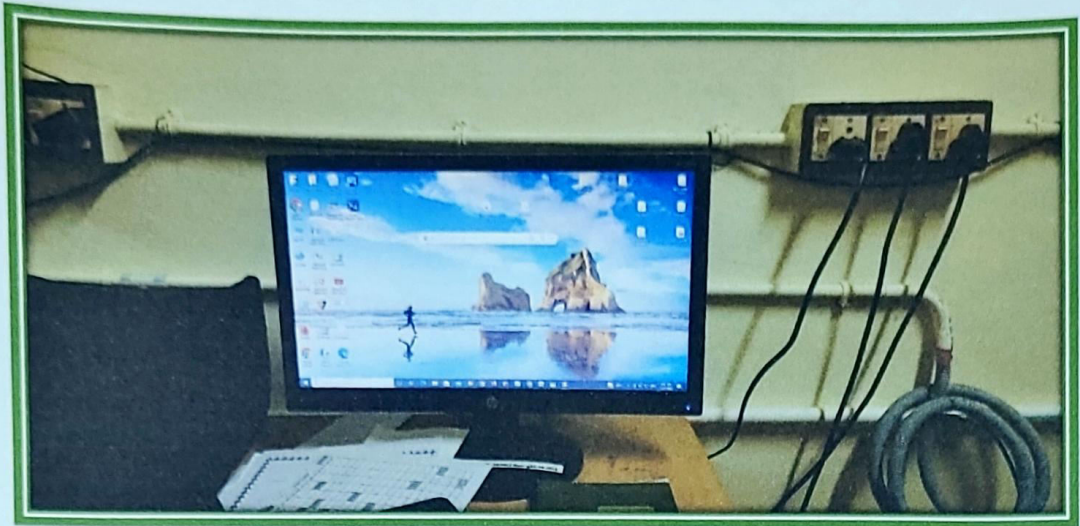
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Yours faithfully,

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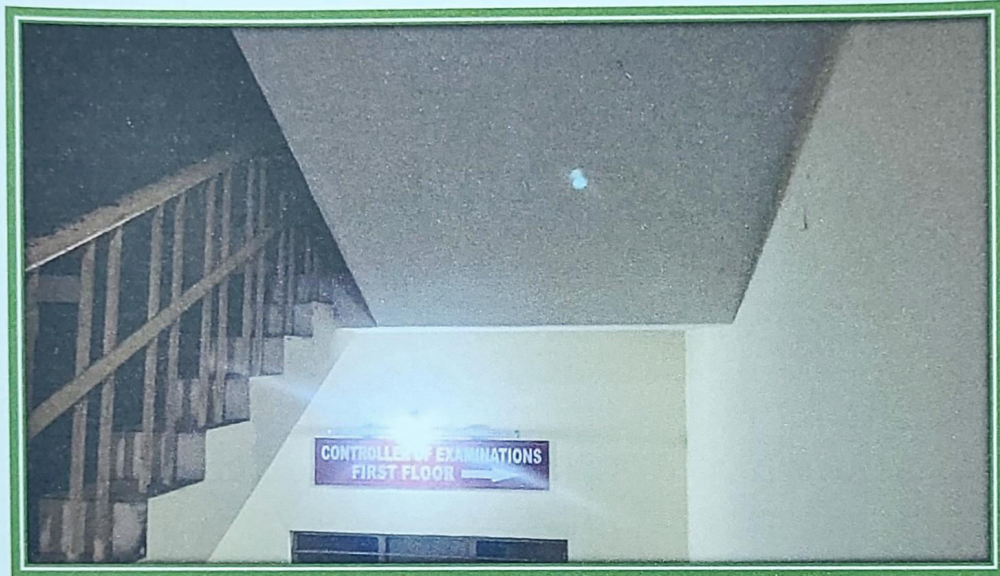
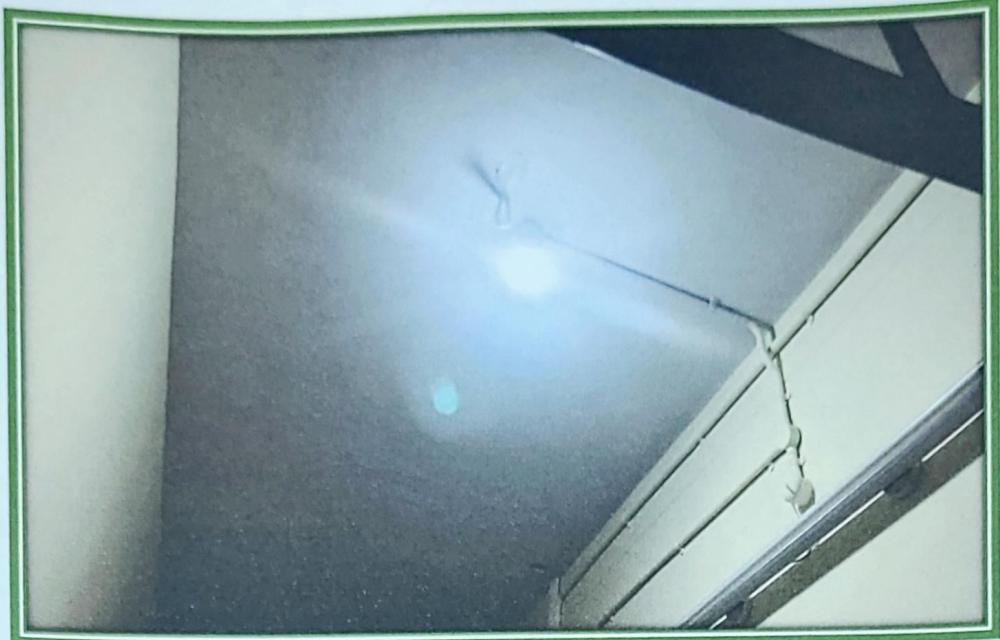
## Conversion of CRT monitor to LCD Monitor



## 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  
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Thanjavur District



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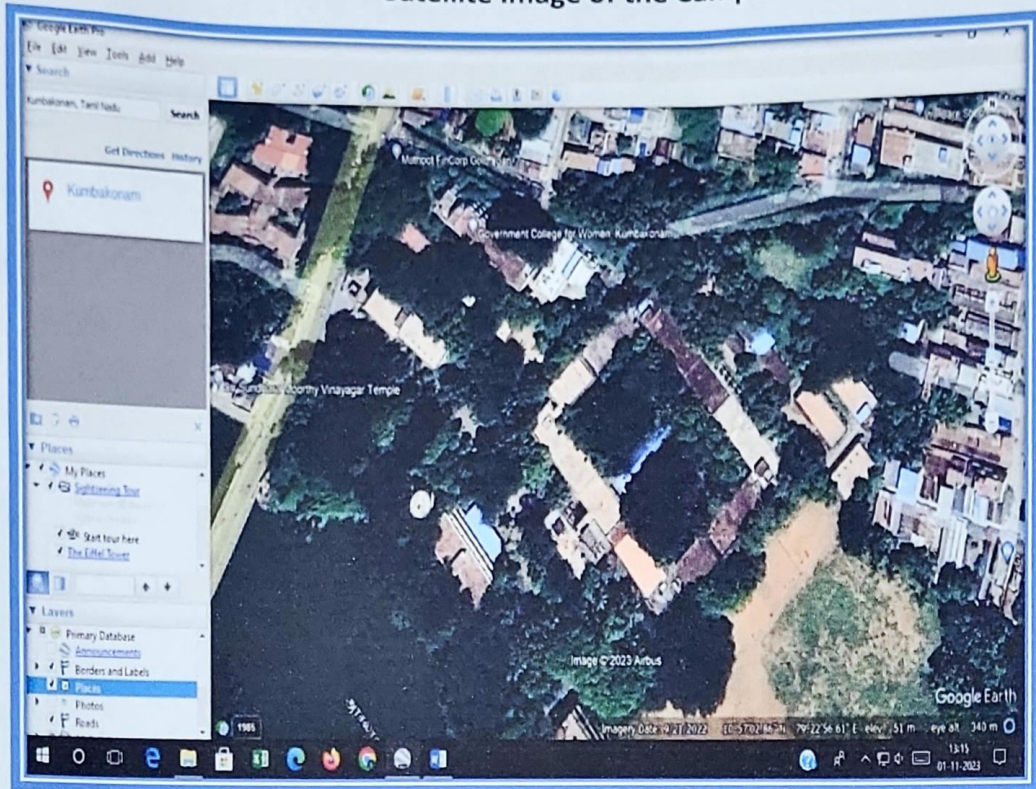
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3/04/2020  
**RAGHAVA NARAYANAN**  
Past State ExNoRa President  
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### On - Site Audit Observation

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## Satellite Image of the Campus



## Rain Water Harvesting



## Vermicomposting

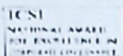


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MM/SP/NO/192015006579

17/ 21/11/2019

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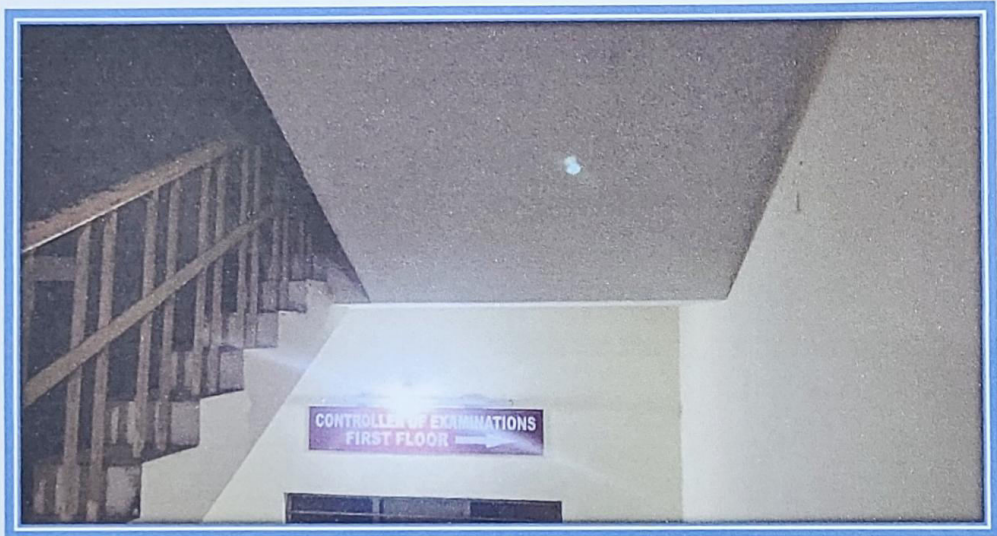
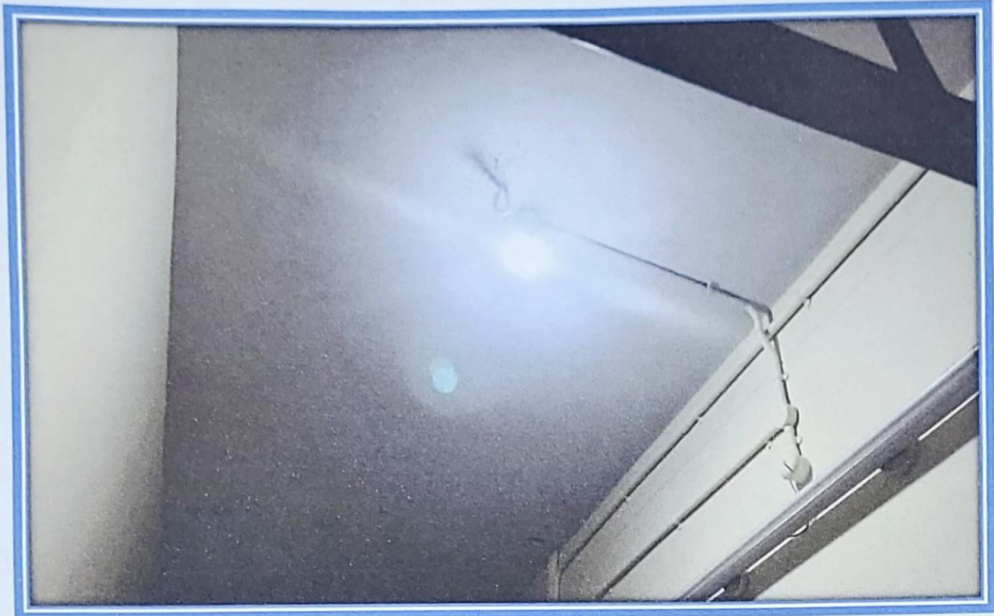
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 Sr. Manager (Purchase)

## 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  
and  
District ExNoRa Chairman  
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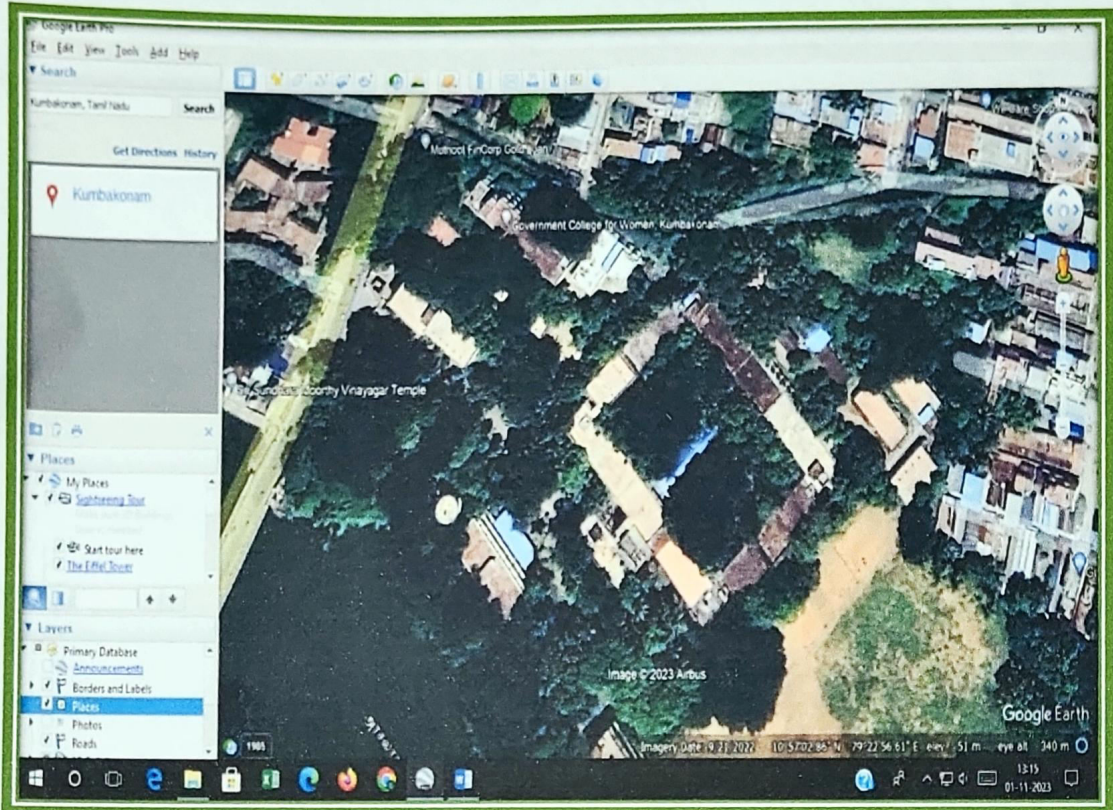


*R. Raghava Narayanan*  
20/03/2019  
**RAGHAVA NARAYANAN**  
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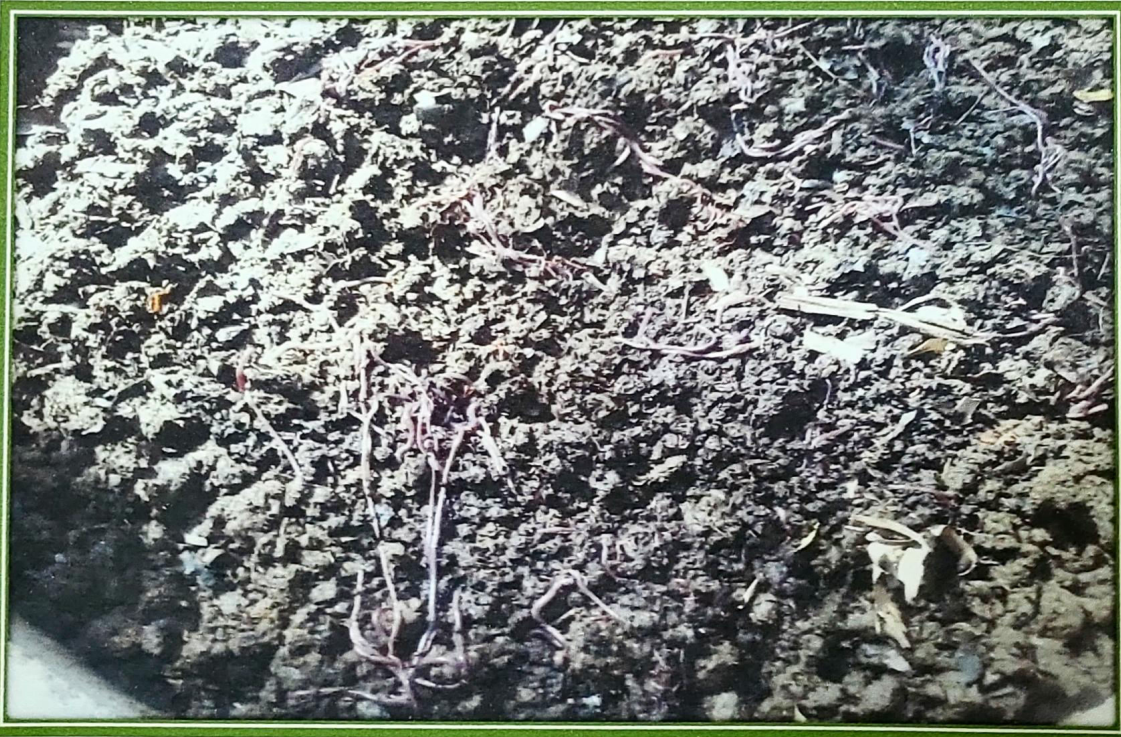
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## SATELLITE IMAGE OF THE CAMPUS



## VERMICOMPOSTING





**RAIN WATER HARVESTING**





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TO

THE PRINCIPAL,  
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Dear Sir,

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### 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.