

Affiliated to Annamalai University, Chidambaram || An ISO 9001:2015 Certified Institution Recognized under section 2(f) of the UGC Act, 1956.

(2021-2022)





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CLEAN AND GREEN CAMPUS INITIATIVE

ACTION TAKEN REPORT

2021-2022

The following are the action taken by the Institute for clean and green campus Initiative in the Academic year 2021 - 2022.

Green Audit was conducted during 14th July 2022 for the academic year 2021 - 2022.

Energy Audit was conducted during 14th July 2022 for the academic year 2021 - 2022.

Environmental Audit was conducted during 14th July 2022 for the academic year 2021 - 2022.

Swatch Bharath Abhiyan Program was organized in association with NSS unit on 10/02/2022.

Tree plantation Program was organized in association with NSS unit on 11/03/2022.

Faculty members and Students are advised to properly dispose the waste in dustbins for maintenance of clean campus.





CERTIFICATE FOR GREEN AUDIT

Certificate Number: PSQC996

This is to certify that, we have conducted a GREEN AUDIT in RAAK ARTS AND SCIENCE COLLEGE, NO.1, BASHEER CAMPUS, PERAMBAI ROAD, PERAMBAI, VANUR (T.K.), VILLUPURAM DISTRICT - 605 110 during 14th July 2022 (for the academic year 2021-2022).

The Audit investigates the following activities.

- 1. Coverage of matured trees (nearly 100 trees available in the college campus)
- 2. Future expansion of the thermal energy system for regular activities
- 3. Evaluation of solid, liquid and e-waste management system
- 4. Identification of expansion of green coverage for planting more trees
- 5. Evaluation of water distribution network

The detailed campus Greenery Coverage and initiatives are presented in the **Audit Report**

Authorized Auditor

G. ARIVARASAN

BEE Certified Energy Auditor (EA-21875) Lead Auditor - ISO 14001, EMS

P S QUALITY CERTIFICATION PVT. LTD.

(Consultancy - Accreditation & Certification) Auditing & Training

E-mail: info@psqualitycertifications.com

Web Site: www.psqualitycertifications.com

CIN: U74999TN2020PTC138625



CERTIFICATE FOR ENERGY AUDIT

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Certificate Number: PSQC997

This is to certify that, we have conducted an **ENERGY AUDIT** in RAAK ARTS AND SCIENCE **COLLEGE**, NO.1, BASHEER CAMPUS, PERAMBAI ROAD, PERAMBAI, VANUR (T.K.), VILLUPURAM DISTRICT – 605 110 during 14th July 2022 (for the academic year 2021-2022). The Audit team has identified & Energy Conservation Proposals (ENCONs) and summary of the energy audit is given below.

Description/Year	2021-22			
Annual Electricity Consumption (kWh)	1,23,561 kWh			
Summary of Energy Conservation (ENCO	N) Proposals			
Description	Parameters			
	Present	After	Savings	
Annual Energy Consumption	1,23,561 kWh	1,05,027 kWh	18,534 kWh	
Annual Energy Cost	8.64 lakhs	7.35 lakhs	1.29 lakhs	
Simple Payback Period			1.5 years	

Equipment's/Systems Audited

Electrical System	Thermal System	
Electrical System & Network	Diesel, generators, pumps and motors	
Lightings, Fans and Air conditioning system	Inverter, UPS and battery system	

The detailed Energy Conservation Proposals are presented in the Audit Report.

Authorized Auditor

G. ARIVARASAN

BEE Certified Energy Auditor (EA-21875)

Lead Auditor - ISO 14001, EMS

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CIN: U74999TN2020PTC138625



CERTIFICATE FOR ENVIRONMENTAL AUDIT

 $(\bigcirc) \circ \circ (\bigcirc) \circ (\bigcirc$

Certificate Number: PSQC998

This is to certify that, we have conducted an **ENVIRONMENTAL AUDIT** in **RAAK ARTS AND SCIENCE COLLEGE**, **NO.1**, **BASHEER CAMPUS**, **PERAMBAI ROAD**, **PERAMBAI**, **VANUR (T.K.)**, **VILLUPURAM DISTRICT** – **605 110** during 14th July 2022 (for the academic year 2021-2022). This Audit highlights the energy balance sheet indicating various energy carriers associated with the regular activities of the institution and their CO₂ mapping.

Environmental system: CO₂ Balance sheet (2021-2022)

S. No	Energy Consumption & CO₂ Emission			CO ₂ Neutralization		
	Description	Annual Usage	CO₂ Emission (Tons/Annum)	Description	Annual Usage	CO ₂ Emission (Tons/Annum)
1	Electrical Energy	123561 kWh	101.32	Matured Trees	100 Nos	2.18
2	Total Emission		101.32	Total Neutr	alized	2.18
Bala	ance CO2 to be Neut	tralized		99.14 Tons/	Annum	
CO2	Accountability for R	ASC Campus		1533.42 To	ns/Annum ¹	

(Calculated based on the weighted average of total strength of students, teaching and technical staff = 1217)

System Audited

Electricity Consumption	Usage of Chemicals, Salts, Acids & Cleaning Agents		
Diesel Consumption (Transport)	Solid E-waste Handling & Management		
RO and Water distribution system	The state of the s		

The detailed environmental aspects & impacts are presented in the Audit Report.

Authorized Auditor

G. ARIVARASAN

BEE Certified Energy Auditor (EA-21875)

Lead Auditor - ISO 14001, EMS

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CIN: U74999TN2020PTC138625



PERMISSION LETTER

From:

Mr.S.LOKESH KUMAR NSS CO ORDINATOR, RAAK arts and Science College, Perambai,

To:

THE PRINCIPAL, RAAK arts and Science College, Perambai,

Sub: Permission for the Event "swatch Bharath Abhiyaan" Respected Sir,

I am writing to request permission to organize a "Swachh Bharat Abhiyaan" event on 10th February 2022. Our team is dedicated to promoting cleanliness and hygiene in our community, in line with the objectives of the Swachh Bharat Mission.

We assure you that all activities will be conducted with the highest standards of safety and respect for the environment. We will also ensure proper disposal of waste and maintain the cleanliness of the area.

Thanking you,

RAAK ARTS & SCIENCE COLLEGE VILLIANUR POST-605 110

PERAMBAI.



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RASC/PRINCIPAL/CIR/FEBRUARY2022

Date: 08/02/2022

CIRCULAR

This is to inform you that on 10TH February 2022, an event titled "swatch Bharath Abhiyaan" is organized under NSS Cell organized for the benefit the society. Student and Faculty volunteers from all the departments are most welcome.

PRINCIPAL

PRINCIPAL
RAAK ARTS & SCIENCE COLLEGE
VILLIANUR POST-505 110
PERAMBAL

Copy to:

Notice Board

IQAC

· NSS cell

\$15 & SC/F-20 (SE)



Report on Swachh Bharat Abhiyaan at RAAK Arts and Science College

Date: 10/02/2022

Location: Perambai

Number of Students Participated: 50

On February 10th, 2022, RAAK Arts and Science College organized a Swachh Bharat Abhiyaan event, aligning with the national campaign to promote cleanliness and hygiene across the country. The event aimed to raise awareness among students about the importance of maintaining cleanliness in their surroundings and contributing to a healthier environment.

The event began with an assembly in the college courtyard, where the principal and other faculty members addressed the students. They emphasized the significance of the Swachh Bharat mission, highlighting how individual efforts towards cleanliness can lead to a larger impact on public health and environmental sustainability. Students were encouraged to take ownership of their campus and surrounding areas, ensuring they remain clean and green.

After the initial briefing, students, faculty, and staff members were divided into groups and assigned specific areas of the campus and nearby localities for cleaning. Armed with gloves, brooms, and dustbins, the participants enthusiastically set out to clean the designated areas. They picked up litter, cleaned pathways, and ensured that waste was properly disposed of in designated bins. The college also arranged for the collected waste to be segregated into biodegradable and non-biodegradable categories for proper disposal.

The event was not only about physical cleaning but also about educating participants on waste management practices, including the importance of recycling and reducing waste. Informative sessions were held during the day, where experts spoke about sustainable practices that individuals can adopt in their daily lives to contribute to the Swachh Bharat mission.

The event concluded with a reflection session, where students shared their experiences and the satisfaction of contributing to a cleaner environment. The college management appreciated the efforts of all participants and reiterated the importance of maintaining cleanliness as an ongoing practice, not just during special events.

NATO B SCIENCE CO



The Swachh Bharat Abhiyaan at RAAK Arts and Science College on February 10th, 2022, was a successful and impactful event, fostering a sense of responsibility and community among students. It reinforced the college's commitment to environmental sustainability and played a vital role in promoting a cleaner and healthier campus environment.







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List of Participants

S.NO	DEPATMENT	STUDENT NAME	STUDENT SIGNATURE
1	B.COM /III -YEAR	AADHAN SP	0 -
2	B.COM /III -YEAR	BAVITHRA P	Hanis
3	B.COM CA /III YEAR	BHARATH B	1000 call
4	B.COM CA /III YEAR	BHARATH P	BKON .
5	B.COM CS /III YEAR	GAYATHRI A	Month
6	B.COM CS /III YEAR	KALAIYARASAN C	alway.
7	BBA /III Year	KARTHIGA E	AND TO
8	. BBA /III Year	KIRUTHIKA S	30.5
9	BCA III YEAR	MANJU P	
10	BCA III YEAR	NARMADHA G	namos
11	BSC CHEMISTRY /III YEAR	NARMATHA R	ABU
12	BSC CHEMISTRY /III YEAR	NISHANTHI M	TVANA .
13	BA ENGLISH /III YEAR	NIVETHA P	Wen-
14	BA ENGLISH /III YEAR	POKKILAI G	
15	BA TAMIL/III YEAR	PRAMESHWARI A	Dian
16	BA TAMIL /III YEAR	PRASAN V	Denu M
17	M.COM /II YEAR	RADESH R	(0)
18	M.COM /II YEAR	RAGU R	C) a
19	B.COM /III -YEAR	RAJESH G	Do Ou S
20	B.COM /III -YEAR	RAMAN P	ang.
21	B.COM CA /III YEAR	SAKISHNA K	1000 h
22	B.COM CA /III YEAR	SHANMUGA S	Some
23	B.COM CS /III YEAR	SIVASANKARI M	Officer.
.24	B.COM CS /III YEAR	SUJIPRIYASAKTHI R	Sup .

415 8 5C/FACE CO



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25	BBA /III Year	SUMITHRA L	1. Purel.
26	BBA /III Year	SWETHA G	80.
27	BCA III YEAR	SWETHA M	35
28	BCA III YEAR	THAMIZHMARAN S	- James RG
29	BSC CHEMISTRY /III YEAR	VASUDEVAN R .	Irana
30	BSC CHEMISTRY /III YEAR	VEERALAKSHMI V	Voral.
31	BA ENGLISH /III YEAR	VELAN M	rotane
32	BA ENGLISH /III YEAR	VIDUTHALIVENDHAN V	1,00
33	BA TAMIL /III YEAR	VISHAGAN K	Visc 6
34	BA TAMIL /III YEAR	VISHWA S	Vishar V
35	M.COM /II YEAR	YAMUNA T	100
36	M.COM /II YEAR	BAVATHARANI B	Bul-a.
37	M.SC MATHS /II YEAR	LAVANYA M	220
38	M.SC MATHS /II YEAR	NAJUMMUNISHA S	
39	B.COM /II -YEAR	NISHA D	Masau
40	B.COM /II -YEAR	REESHA A	Dave D
41	B.COM CA /II YEAR	SHEEBA P	T.
42	B.COM /III -YEAR	SUSHMITHA R	June 031
43:	B.COM /III -YEAR	VALARPIYA B	Suss
44	B.COM CA /III YEAR	VINITHA	value &
45	B.COM CA /III YEAR	ASWINI V	1
46	B.COM CS /III YEAR	AYSHA SIDDIQA B	yse
47	B.COM CS /III YEAR	BARATHAN G	The state of the s
48	BBA /III Year	BHARATH J	180-D(
49	BBA /III Year	CHALA S	Chi
50	BCA III YEAR	DHANALAKSHMI	





PERMISSION LETTER

From:

Mr.S.LOKESH KUMAR
NSS CO ORDINATOR,
RAAK arts and Science College,
Perambai,

To:

THE PRINCIPAL,
RAAK arts and Science College,
Perambai,

Sub: Permission for the Event "tree plantation" Respected Sir,

I am writing to request permission to organize a "tree plantation" event at on 11th march 2022. Our team is committed to enhancing the environment and promoting sustainability through this initiative.

We assure you that all activities will be conducted with the utmost care and respect for the surroundings. We will also ensure proper maintenance and follow-up for the planted trees.

Thanking you,

Date: 04/03/2022

Place: Cerambon

Yours faithfully,

(NSS Co-coordinator)

ATS & SCIENCE CO



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RASC/PRINCIPAL/CIR/MARCH2022

Date: 09/03/2022

CIRCULAR

This is to inform you that on 11TH MARCH 2022, an event titled 'tree plantation" is organized under NSS Cell organized for the benefit the society. Student and Faculty volunteers from all the departments are most welcome.

PRINCIPAL

PRINCIPAL
RAAK ARTS & SCIENCE COLLEGE
VILLIANUR POST-605 110
PERAMBAL

Copy to:

- Notice Board
- IQAC
- NSS cell

15 8 SCIENCE 84 401.3931100



Report on Tree Plantation Drive at RAAK Arts and Science College

Date: 24/02/2022

Location: Perambai

Number of Students Participated: 50

On March 11th, 2022, RAAK Arts and Science College organized a tree plantation drive to promote environmental awareness and sustainability among students. The event aimed to encourage students to take an active role in conserving nature and to combat the challenges of climate change through reforestation.

The day began with an assembly where college officials addressed the participants, highlighting the significance of trees in maintaining ecological balance, improving air quality, and supporting biodiversity. They emphasized the responsibility of each individual to contribute to environmental conservation efforts and the importance of trees in enhancing the beauty of the campus.

Following the introductory session, students were divided into groups and assigned specific areas on the college campus for planting trees. Each group was provided with saplings, gardening tools, and gloves. The participants demonstrated enthusiasm and teamwork as they dug holes, planted the saplings, and watered them carefully. A variety of trees were planted, including native species that are well-suited to the local environment, ensuring they thrive in the coming years.

In addition to the hands-on planting activity, the college organized an awareness session on the importance of trees and the role they play in combating climate change. Experts spoke about the benefits of afforestation and sustainable practices that individuals can adopt to protect the environment. The session aimed to instill a sense of responsibility in students regarding their role in preserving nature.

The tree plantation drive concluded with a pledge taken by all participants to care for the planted trees and to continue advocating for environmental sustainability. The college management expressed gratitude to all those who participated, reinforcing the idea that even small actions, like planting trees, can lead to significant positive changes in the environment.





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Overall, the tree plantation drive at RAAK Arts and Science College on March 11th, 2022, was a successful and impactful event. It fostered a sense of environmental stewardship among students and contributed to the college's efforts in promoting a greener and more sustainable future.

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List of Participants

S.NO	NAME	DEPARTMENT /YEAR	SIGNATURE
1	MANIKANDAN U	B.COM /III -YEAR	Nakt.
2	MOHAMED YASAR H	B.COM /III -YEAR	2018
3	MOHAMEDYUNUS M	B.COM CA /III YEAR	aloft.
4	MUTHUKUMARAN B	B.COM CA /III YEAR	Most.
5	NANTHA P	B.COM CS /III YEAR	Notice
6	NIVETHA S	B.COM CS /III YEAR	Nivetus -
7	PAVITHRA M	BBA /III Year	Partition.
8	PAVITHRA M	BBA /III Year	amel -
9	PREMKUMAR AC	BCA III YEAR	Prontuina
10	PREMKUMAR AV	BCA III YEAR	Processy
11	PUGAZENTHI S	BSC CHEMISTRY /III YEAR	Dugealt
12	RAGUL GANDHI S	BSC CHEMISTRY /III YEAR	Roger
13	SALAUUDIN B	BA ENGLISH /III YEAR	Doublet
14	SANJAY S	BA ENGLISH /III YEAR	Dung my
15	SARANRAJ S	BA TAMIL/III YEAR	aneils.
16	SIVAABARNA T	BA TAMIL /III YEAR	Street
17	THAMIMUL ANSARI MF	M.COM /II YEAR	Lucay
18	THIRISHA S	M.COM /II YEAR	Thirigher
19	VETRIVEL S	M.SC MATHS /II YEAR	12 mil reef
20	VISHWA M	M.SC MATHS /II YEAR	Chart.
21	ARUNA G	B.COM /II -YEAR	Money
22	ASHA I	B.COM /II -YEAR	Seha
23	AVIN A	B.COM CA /II YEAR	Howey
24	BARATHRAJ S	B.COM CA /II YEAR	Buthroy
25		B.COM CS /II YEAR	Ofeendro



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26	INDHU S	B.COM CS /II YEAR	0-11
27	JANAGARAJ M	BBA /II Year	e e
28	JANCI RANI M	BBA /II Year	Janagaraj
29	JAYAPRIYA S	BCA II YEAR	000
30	MAHESWARI N	BCA II YEAR	fayenya
31	MUTHUKUMARAN S	BSC CHEMISTRY /II YEAR	Mahenva
32	NISHANTHI B	BSC CHEMISTRY /II YEAR	MARINE
33	PRASAD M	BA ENGLISH /II YEAR	Ninter
34	PRAVEENRAJ R	BA ENGLISH /II YEAR	in Deerend
35	PUGAZHVENDAN M	BA TAMIL/II YEAR	Disasand
36	RAGUL A	BA TAMIL/II YEAR	ligarande
37	RAMANADEVI D	M.COM /II YEAR	Kagos _
38	SNEHA P	M.COM /II YEAR	
39	SONDRAPANDIRAJ T	M.SC MATHS /II YEAR	Ghickenst
	SUBASH CHANDRA	M.SC MATHS/II TEAK	1- Fost
40	BOSE K	M.SC MATHS /II YEAR	Bosn.
41	SANJAY V	B.COM /I -YEAR	8
42	SIVASAKTHI R	B.COM /I -YEAR	Day and
43	SOMASUNDARAM M	B.COM CA /I YEAR	Simulthi
44	SUDHARSANNAN K	B.COM CA /IYEAR	Jan suoty
45	SUJITHRA S	B.COM CS /I YEAR	To a
46	YUVARAJ	B.COM CS /I YEAR	Jame
47	ANDRENIHAL A	BBA /IYear	Yurmay
48	AVINASH B	BBA /I Year	Andrew
49	BABU M	BCA I YEAR	Avinauh.B
50	DEVAKUMAR M	BCA I YEAR	Baby. M
		Tunk	auch

SCIENCE CO