



7.1.6. GREEN CAMPUS INITIATIVES

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RAM KALAM - CENTRE FOR ENERGY CONSULTANCY & TRAINING

CHENNAI

COIMBATORE

ERODE

(Regt. Office No. 8, VPK Garden, Coimbatore-641 062,

Mobile: +91-99420 14544, 80567 19372, Email: ramkalamcect@gmail.com)

(GST No. 33AAZFR8890A1ZN)

CERTIFICATE FOR ENERGY AUDIT PROCESS

This is to certify that, we have conducted a follow up **ENERGY AUDIT** in **KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY**, KSR Kalvi Nagar, Tiruchengode- 637 215, Tamil Nadu, India on **02 MARCH 2022** and the summary of the Energy Audit Process is given below.

S. No.	Description	Parameters
1.	Present Annual Energy Consumption	10,50,517 kWh + 27,170 of LPG
2.	Present Annual Energy Cost	Rs. 138.6 Lakhs
3.	Proposed % of Energy Savings	10.0 % Electrical + 10.0 % LPG
4.	Proposed Annual Energy Savings	1,05,052 kWh + 2,717 kg of LPG
5.	Proposed Financial Savings	Rs. 13.9 Lakhs
6.	Initial Investment Required	Rs. 16.0 Lakhs
7.	Simple Payback Period	Nearly 1.2 Years

(Audited and Accounted for the year 2021-22)

Equipment's/Systems Audited:

Electrical System	Thermal System
• All major electrical equipment's	• Diesel Generators, Pumps and Motors
• Electrical Distribution system	• Boiler and Steam Distribution System
• Lightings, Fans & Air Conditioning System	• LPG for cooking application
• Inverter, UPS and Battery System	• Rooftop Solar PV System

Thank You

Audit Conducted and Verified by,

(Dr. S.R. SIVARASU)

PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

Dr. S.R. SIVARASU, Ph.D.,
BEE Certified Energy Auditor (EA-27299)
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CERTIFICATE FOR ENVIRONMENTAL AUDIT PROCESS

This is to certify that, we have conducted a follow up **ENVIRONMENTAL AUDIT** in **KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY**, KSR Kalvi Nagar, Tiruchengode- 637 215, Tamil Nadu, India on **02 MARCH 2022**. This audit process highlights the present CO₂ emission and methods adopted to neutralize the same in the college campus.

S. No.	Annual Energy Consumption & CO ₂ Emission			CO ₂ Neutralization		
	Description	Energy Quantity	CO ₂ Emission (Tons)	Description	Parameters	CO ₂ Neutralized (Tons)
1.	Electrical Energy	10,50,517 kWh	861.4	Solar PV	58,524 kWh	48.0
2.	Diesel (Transport + DG)	38,791 Litres	102.4	Mature Trees	164 Nos	3.6
3.	LPG Consumption	27,170 kg	81.5			
4.	Total-Emission		1,045.3	Total-Neutralized		51.6
5.	Balance CO₂ to be Neutralized = 993.8 Tons/Annum					

(Audited and Accounted for the year 2021-22)

Systems Audited:

• Electricity Consumption	• Usage of Chemical, Salts & Acids
• Diesel Consumption (Transport + DG)	• Cleaning agents
• LPG & Wood Consumption (Cooking)	• RO Plant and Water Distribution System
• Solid Waste Handling & Management	• E-Waste Management

Thank You

Audit Conducted and Verified by,

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(GST No. 33AAZFR8890A1ZN)

CERTIFICATE FOR GREEN AUDIT PROCESS

This is to certify that, we have conducted a follow up GREEN AUDIT in **KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY**, KSR Kalvi Nagar, Tiruchengode- 637 215, Tamil Nadu, India on **02 MARCH 2022**. This audit process investigates the following activities;

1. Harvesting roof and road run-off rain water
2. Transport with Pollution Free Certificates
3. Reduction of Urban Heat Island Effect using Green coverage
4. Reduction of Water, Noise and Air Pollution
5. Feasibility study for rooftop solar PV plant
6. Study on sensor-based water control system & Solar PV system
7. Effective Solid Waste Management (SWM) practices
8. Excellent Bio-diversity, Environment and Ecology
9. Faculty and student's contribution on Preservation of Environment
10. Energy conservation commitment from Faculty and Students

(Audited and Accounted for the year 2021-22)

Thank You

Audit Conducted and Verified by,

(Dr. S.R. SIVARASU)

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ENERGY, ENVIRONMENT & GREEN AUDIT - FOLLOW UP REPORT

DETAILS OF THE CLIENT

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY


KSR Kalvi Nagar, Tiruchengode- 637 215, Tamil Nadu, India



DATE OF AUDIT

02 MARCH 2022

(Audited for the period of 2021-22)


PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.

AUDIT CONDUCTED AND SUBMITTED BY

RAM-KALAM CENTRE FOR ENERGY CONSULTANCY AND TRAINING

(Chennai | Coimbatore | Erode)

Mobile: +91- 80567 19372, 99420 14544 (Whatsapp)



ENERGY, ENVIRONMENT & GREEN AUDIT - FOLLOW UP AUDIT REPORT

1. INTRODUCTION TO ENERGY, ENVIRONMENT & GREEN AUDIT - FOLLOW UP AUDIT



1.1: Preamble:

The KSR Institute for Engineering and Technology is another landmark of the Aarthi Educational & Charitable Trust which has the perquisite of sprawling education proportionally to the society. It has been founded in the year 2011 by the man of great insight, Thiru.R. Srinivasan. He is the younger son of Lion Dr. K.S. Rangasamy whose altruism enlightens the society. His constant dreams and endeavours erected the dome of knowledge for quenching the long unanswered quest among the blooming minds.

The embellishment of the college holds the new doctrine of teaching, will be ideal for students to kindle the dormant spirit towards learning. The college is an optimal place for pedagogical as well as ethical values. The proficient stream of faculty along with the well-equipped laboratories and technical support foresee the dream of the students.

1.2: Vision Statement:

- To become a globally recognized Institution in Engineering Education, Research and Entrepreneurship.

1.3: Mission Statement:

- Accomplish quality education through improved teaching learning process.
- Enrich technical skills with state of the art laboratories and facilities.
- Enhance research and entrepreneurship activities to meet the industrial and societal needs.

1.4: Outcomes of the Audit Process:

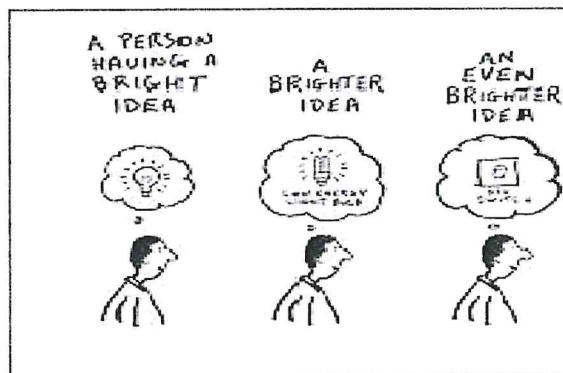
- To check the activities implemented by the institution as per the recommendation of the main report.
- To ascertain the activities implemented as per the guidelines and standards
- To provide suggestions to improve further towards environmental sustainability
- Formation of methodology for long term road map for maintaining green environment within the campus and encourage the stakeholders for continuous improvements.

1.5: Date of Audit:



ENERGY, ENVIRONMENT & GREEN AUDIT - FOLLOW UP REPORT

2. STUDY ON ENERGY CONSUMPTION PATTERN



2.1: Energy Consumption Pattern (Electrical and Thermal):

S. No.	Description	Details		
Electrical Energy (Consumption)				
1.	Name of the customer	K.S.R. EDUCATIONAL AND CHARITABLE TRUST		
2.	Type of Utility Supply, Service No.& Tariff	HT Consumer; SC. No: 04-909-422-0346; Tariff-II-B		
3.	Tariff Structure	Rs. 6.35/kWh + Rs. 350/kVA as demand charges accounted for 90 % of the Permitted Demand		
4.	Energy Suppliers	Tamilnadu Generation & Distribution Corporation (TANGEDCO)+ Roof Top Solar Plant installed in the Institutions		
5.	Permitted Demand (PD)	1,300 kVA (Demand Charges accounted for 90 % of PD)		
6.	Transformer Capacity	1,600 kVA, 22/0.433 kV, IS:2026, ONAN		
7.	Earthing for Transformers	Body Earth - 02	Neutral Earth-02	
		(All are conventional earthing only)		
8.	Voltage Adjustment	Through OLTC & RTCC (17 Steps)		
9.	Capacity of APFC	300 kVAr with 12 Stage(Standard duty)		
10.	Capacity of Diesel Generator (DG) Set	500 kVA - 1 No. + 380 kVA - 1 No. (Air Cooled)		
		Internal fuel tank & separate earthing done		
11.	Annual Electricity Consumption (kWh)	Min- 54,0714	Avg. 87,543	Max. 1,46,162
		Total - 10,50,517		
Electrical Energy (Generation)				
12.	Nature of Electrical Energy Generation	Roof Top Solar PV Power Plant (Grid Interactive SPV Plant)		
13.	Capacity of the Plant	130 kW in Top of the IET Academic building and synchronized to MV panel PCC.		
14.	Annual Energy Generation	58,524 kWh/Annum		
Thermal Energy (Consumption)				

15.	Types of Thermal Energy Used	Liquefied Petroleum Gas (LPG)		Cooking
		Diesel (Ordinary)		Transport + DG
16.	Annual LPG Consumption (kg)	Min- 1,520	Avg. 2,264	Max. 3,040
		27,170		
17.	Annual Diesel Consumption for Transport (L)			38,791

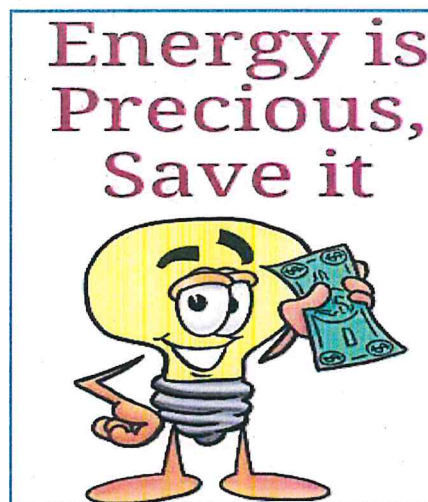
(Note: All the values shown in the above Pie-Chart are in MTOE)

Table-2: Annual Consumption of Electrical & Thermal Energy Parameters (2020-21)

S. No.	Month	Units Consumed (kWh)	Diesel Consumption (Litre)		LPG Consumption (kg)	Electricity Generation from SPV (kWh)
			Vehicles	DG		
1.	March-21	1,09,049	375	750	0	13,607
2.	Apr-21	82,471	1,027	600	3,040	4,669
3.	May-21	60,208	75	800	1,520	2,347
4.	June-21	54,714	201	600	1,520	0
5.	July-21	57,311	222	600	1,520	10,661
6.	Aug-21	66,494	430	500	1,520	0
7.	Sep-21	1,09,670	3978	550	3,040	0
8.	Oct-21	1,01,650	6,386	450	3,040	24,924
9.	Nov-21	1,12,109	10,772	80	3,040	0
10.	Dec-21	1,46,162	8,831	100	3,040	0
11.	Jan-22	68,904	443	80	2,850	0
12.	Feb-22	81,775	692	250	3,040	2,316
Average		87,543	2,786	446.7	2,264.2	4,877
Total		10,50,517	33,431	5,360	27,170	58,524
			8,120			

**ENERGY, ENVIRONMENT &
GREEN AUDIT - FOLLOW UP REPORT**

**3. ESTIMATION OF
CO₂ EMISSION AND NEUTRALIZATION**



3.1. Assessment of Annual Energy Usage:

Table-3 shows the types of energy carriers used for their regular operation in the college campus along with application area and their source.

Table-3: Energy Carriers, Application area and their sources used for College Operation

S. No.	Type of Energy Carrier	Application Area	Source of Procurement
1.	Electricity (HT)	Powering to all electrical / electronic / HVAC equipment's	From TANGEDCO
2.	Diesel	Transport vehicles and Diesel Generator (Captive Generation)	From authorised distributor
3.	Liquefied Petroleum Gas (LPG)	Used only for cooking	
4.	Matured Trees	The college is located in a lush greenery and nearly 164 no's of various varieties of matured trees are available with more than 10 years old.	

3.2. Environmental System: CO₂ Balance Sheet (2021-22):

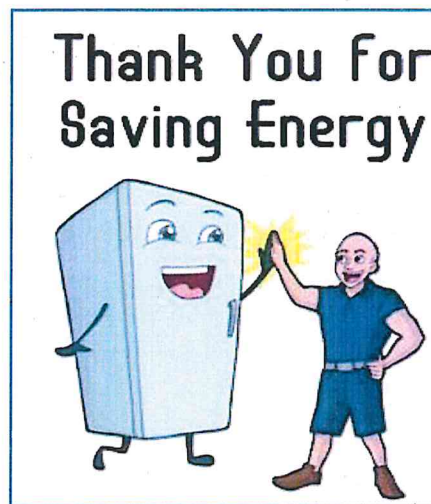
Environment audit is to assess the CO₂ emission and neutralization in the college and is a best tool to chalk out the plans to reduce it from the present values. Table-4 provides the balance sheet indicating various energy carriers associated with the regular activities of the college and their CO₂ mapping.

Table-4: Environmental System: CO₂ Balance Sheet (2021-22)

S. No.	Energy Consumption & CO ₂ Emission			CO ₂ Neutralization	
	Description	Energy Quantity (Annum)	CO ₂ Emission (Tons/Annum)	Description	Energy Usage CO ₂ Neutralized (Tons/Annum)
1.	Electrical Energy	10,50,517 kWh	861.4	Solar PV	58,524 kWh 48.0
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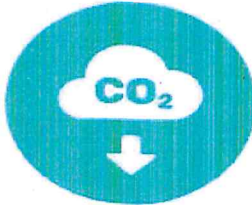
**ENERGY, ENVIRONMENT &
GREEN AUDIT - FOLLOW UP REPORT**

**4. ASSESSMENT ON LIST OF
MATURED TREES AND GREEN
ENERGY GENERATION**



4.1: Campus Greenery:

The college management planted many native trees inside the campus and is completely covered with matured trees grown for more than 10 years. Total number of matured trees available in the college campus is **164 with 11 varieties of trees**. Apart from the mature trees; preserving the ecology; the entire college campus is planted with various flowering shrubs and bushes. Table-16 shows the list of matured trees available inside the college campus.



Total No. of Matured Trees available in the college campus is **164** which contributes for **CO₂** reduction of **3.6 Tons/Annum**

4.2: Roof Top Solar Photovoltaic System:

- The college has installed solar PV plants with a capacity of 300 kW and generating power feeding power to the main MV panels and are utilized by the campus load.
- All the conductive parts are properly earthed at respective buildings and ensures safety.



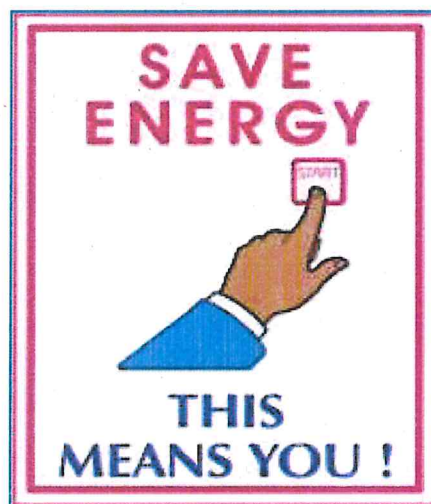
Annual energy saved from the roof top solar PV system is **58,524 kWh** which reduces **48.0 Tons of CO₂ Emission**

4.3: Bio-gas Plant Generating Cooking Gas:

- Again to voice for Green Energy; KSR institutions has implemented a Bio-gas (natural fuel) plant generating energy from food and vegetable wastes daily generated in mess and canteen.
- Production of biogas obtained from “anaerobic digestion” which consists in micro-organisms breaking down complex organic substances (lipids, proteins, and glucides), contained in plants, sludge and by-products of animal origin.
- Biogas is primarily methane (CH₄) and carbon dioxide (CO₂) and may have small amounts of hydrogen sulphide (H₂S), moisture and siloxanes. The gases methane, hydrogen, and carbon monoxide (CO) can be combusted or oxidized with oxygen.
- Food waste generated from cooked rice, cut portions of vegetables and non-used vegetables waste. This waste is crushed by mixer grinder and slurry was prepared by adding water.

ENERGY, ENVIRONMENT & GREEN AUDIT - FOLLOW UP REPORT

5. AUDIT SUMMARY



I. Energy Conservation & Management - Electrical Energy:

- Monitor the health of the APFC & FC. Fine tune reactive power based on the load condition
- Check the belt tension and slippage by measuring the speed at regular intervals
- In a phased manner, ceiling fans must be changed from conventional fans into BLDC fans. Also change FTL into LED with adequate illumination levels
- Implement Energy Management System (EMS) to measure & monitor energy flow
- Implement automatic street light controller to turn on and off based on different time in a day. Use astrological timer for better results and energy savings
- Diesel flow meter must be fitted with each DG and calculate the UPL accurately
- Regularly conduct i) Illumination study, ii) Thermal comfort study, iii) Flue gas study on DG, and Boiler, iv) Water quality assessment (for all types of water utilized) and v) Indoor and ambient air quality study

II. Energy Conservation & Management - Thermal Energy:

- Regularly clean the stove burners and ensure that the flame should be in light bluish colour
- Try with radiant burner in dosa making machines and save energy. This provides more convenience to the human working on the stove (reduction of exposure to heat radiation)
- In future; plan to replace the existing Vapour Off Take (VoT) LPG layout into Liquid Off Take (LoT) system which saves good amount of LPG by reducing the left-over LPG in the cylinder
- Plan to install solar thermal hot water system to preheat the cooking water used in boilers

III. Water Conservation & Management:

- To check the quantity of water utilized by each building by connecting digital water flow meter and optimize the water usage
- Prepare and maintain a Single Line Diagram (SLD) for water distribution network
- Paste water and energy saving slogans at appropriate places
- Generate your own power and water for regular activities and move towards Net Zero Energy and Net Zero Water Building
- Retrofit aerator-based water taps for good water savings. For hand washing applications, ensure that all the pipes must be fitted with aerators
- In future; install Bio-Sewage Treatment Plant; as it reduces the amount of energy required to operate the plant and environmentally friendly operation
- Captures almost 100 % rain water harvesting through i) Recharging pits and ii) Open well type storage pits
- Water treatment log must be maintained indicating the water inlet, treated and outlet water quantity

- Energy required to process the water treatment must be calculated. Overall cost of treated water by accounting i) consumables, ii) manpower iii) energy and iv) other conventional expenses
- Use the treated water at the maximum in whatever possible areas and try to minimize the fresh water intake (from any source)
- Test the water quality of i) Raw water inlet (bore or purchased water), ii) RO water (already done), iii) Grey water, iii) Treated water from STP through NABL certified laboratory.
- Display the water quality test results at least at vulnerable points to showcase that the stakeholders are supplied with quality water
- Set a policy and fix a target for usage of treated water; ensure that the plan is being executed without any deviation. Increase the % of usage of treated water year by year
- Awareness campus must be conducted to all the stakeholders at regular interval. Through this initiative; Painting, Photography, Slogan and Poster making contest are conducted to create consciousness among the students and faculties

IV. Waste Management:

- The food waste must be weighted and marked in a record before keeping into the digester unit. This must be checked with the amount of gas generated using suitable calculation and check with the designed output
- Any waste items given to trust office or to the 3rd party must have a record of the respective department
- **Reduction of Paper:** Workout a policy to move towards paperless office. Present system of paper usage may be reviewed and wherever possible; digitalize the activities and reduce the paper
- Use bar code scanning to identify the location, row and seat number of candidates during examination and avoid paper information pasted in the notice board
- In Controller of Examination: conduct a study on paper (Booklet) usage during the internal examination (at least for one year). Based on the study result; try to reduce the papers in the booklet.
- Publish the internal marks, model examination marks through student ERP.
- Make attendance report, feedback, payments, salary slip in digital platform and if necessary take prints (only office copy)
- Adopt College Management System (CMS) and try to automate
- Automation saves energy, saves man power, saves paper, leads to better transparency, efficient man power utilization and thus saves cost

V. Impart Training to Faculty and Technical Staffs:

- ❖ Energy Conservation and Management
- ❖ Environmental impact and assessment

- ❖ Fire and Safety (Operation and Handling)
- ❖ Electrical maintenance, AC, Battery Maintenance & Safety
- ❖ Emergency Preparedness
- ❖ E-Waste, Chemicals Handling & Solid Waste Management
- ❖ Training for Kitchen Employees
- ❖ General Medical Camps for Employees
- ❖ Training on Stress Management and Yoga

4.3: Recommendations: Way Forward towards Energy & Environmental Sustainability:

- For internal transportation; try to use Electric Vehicle; since it reduces the local pollution
- In future, for any new building establishment; try to use High Volume Low Speed (HVLS) fans. These fans are more energy efficient and provides good air delivery.
- In order to reduce the water consumption; try to install vessel cleaning machine (in hostel and mess). This step also provides less detergent and good hygiene environment.
- Measure the building wise energy and water consumption and prepare a comprehensive plan to reduce the parameter without affecting the comfort level.
- The college is now established a MoU with a third party to dispose the solid and E-waste generated inside the college campus safely. It is a welcome step and must be continued.
- Working towards Net Zero Energy and Net Zero Water Campus and achieve Platinum rated Global Leadership campus (as per IGBC rating) and/or 5-star rated campus (as per GRIHA rating) and/or GEM-5 rated campus (as per ASSOCEM GEM rating).

Audit Conducted and Certified by

S.R. Sivarasu

(Dr.S.R. SIVARASU)

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COMPLETION OF THE REPORT

This report is prepared as a part of the Energy, Environment and Green Audit process -
 - Follow Up Report conducted at KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY,
 KSR Kalvi Nagar, Tiruchengode- 637 215, Tamil Nadu, India by RAM KALAM CENTRE FOR
 ENERGY CONSULTANCY AND TRAINING, Coimbatore.



**KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE-637 215**



National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2021-2022/01

CIRCULAR


DATE: 20/07/2021

We wish to inform that "GARDENING IN GOVT HOSPITAL INNAUGURATION"
on 28-07-2021 & 10.00 AM in Erode. Faculty members and students are requested to attend
the program.

All are invited


NSS Programme officer


Principal



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K S R INSTITUTE FOR
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K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
NATIONAL SERVICE SCHEME (NSS)

“GARDENING IN GOVT HOSPITAL” on 28-07-2021

The following students are permitted to attend this programme

S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	VINITH SINGH R	II/ IT
2.	VINOTH M	II/ IT
3.	GOKUL SANJAI V	II/ IT
4.	HARIKARTHICK P G	II/ IT
5.	HARI RAJ S	II/ IT
6.	JAGAN M	II/ IT
7.	NAVAYUGAN G	II/ IT
8.	PRIYADHARSHINI M	II/ IT
9.	SANJAY G	II/ IT
10.	PAVITHRA D	II/ EEE
11.	SARANYA P	II/ EEE
12.	VIKRAM KUMAR	II/ EEE
13.	ENIYAVAN M	II/ EEE
14.	AJITH S	II/ CSE
15.	GOKULA KANNAN M	II/ CSE
16.	HARIPRASATH S G	II/ CSE
17.	KRISHANI M	II/ CSE
18.	KRITHIKA R	II/ CSE
19.	POOJA G	II/ CSE
20.	SANJAI R	II/ CSE
21.	VASANTH R	II/ CSE



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L

22.	VELMANI P	II/ CSE
23.	VIBIN S	II/ CSE
24.	PRAGANAN A	II/ CSE
25.	ARULMURUGAN R	II/ BME
26.	BHARATH KUMAR M	II/ BME
27.	DARVIN V	II/ BME
28.	DHARUN S	II/ MECH
29.	PRATHAP P	II/ MECH
30.	SANJEEV KUMAR M	II/ MECH


NSS Programme Officer


Principal


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NAMAKKAL Dt, TAMIL NADU.


K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

GARDENING IN GOVT HOSPITAL- Report

Academic Year: 2021-22

Name of the Programme	GARDENING IN GOVT HOSPITAL ERODE		
Date & Time	28-07-2021 & 10.00AM	Venue	GOVT HOSPITAL ERODE
Chief Guest/Resource Person	Dr.R.Thiyagarajaa CEO, KSREI	No of NSS Volunteers involved in the activity	30
		No of Beneficiaries	Public
About Programme /Activity	There is increasing evidence that exposure to plants and green space, and particularly to gardening, is beneficial to mental and physical health. Behalf of NSS KSRIET has created gardening on 28 th July, 2021 at Government Hospital, Erode. Dr.R.Thiyagarajaa CEO,KSREI has Inaugurated by cutting the ribbon.		
			
GARDENING IN GOVT HOSPITAL			

A. S. S.
NSS Coordinator

M. S. S.
PRINCIPAL.
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
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NAMAKKAL DT, TAMIL NADU.

A. S. S.
Principal



**KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE-637 215**



National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2021-2022/02


CIRCULAR

DATE: 20/10/2021

Our K S R IET National Service Scheme (NSS) is going to provide “NSS Orientation Programme” for First year students, KSRIET on 30/10/2021 & 02.30 PM. In this regard, we invite all our faculties and student volunteers for the Programme.


NSS Programme officer


Principal


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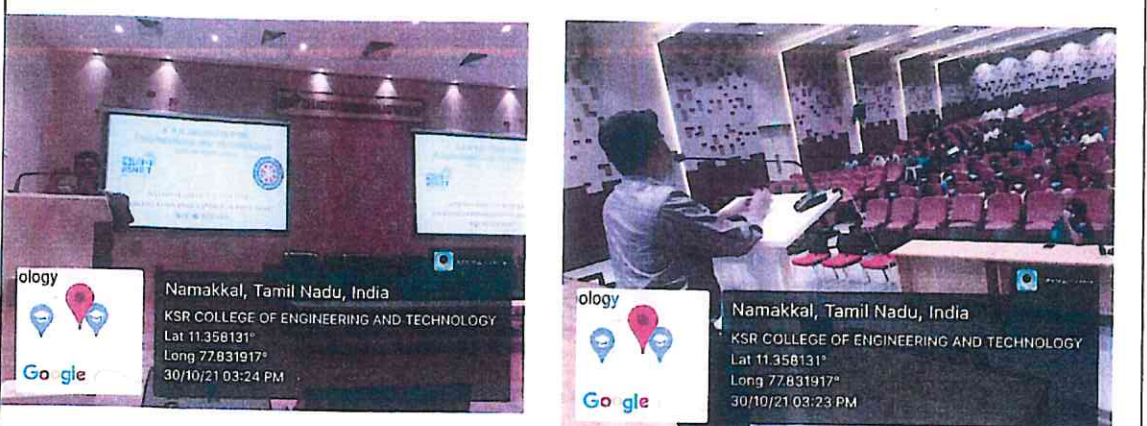
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NATIONAL SERVICE SCHEME (NSS)

NSS ORIENTATION PROGRAMME – Report

Academic Year: 2021-22

Name of the Programme	NSS Orientation Programme		
Date & Time	30/10/2021 & 02.30 PM	Venue	KSRIET DIGI Theatre
Chief Guest/Resource Person	Mr .A.Mohanraj NSS PO	No of NSS Volunteers involved in the activity	20 Students
		No of Beneficiaries	100 of school students benefitted
About Programme /Activity	KSR Institute for Engineering and Technology NSS Organized Orientation programme for first year students. One hundred NSS Volunteers Teaching and Non-teaching staffs are participated in the event on campus. Mr.A.Mohanraj NSS PO, KSRIET had spoken about the NSS activities for NSS Volunteers.		
			
NSS Orientation Programme			

D. M. Srinivasan
NSS Coordinator

S. Srinivasan
Principal

Srinivasan
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NATIONAL SERVICE SCHEME (NSS)


“NSS Orientation Programme” on 30/10/2021

The following NSS students are selected to participate.

S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	DURGADEVI K S	II /CSE
2.	ELANGKUMARAN T	II /CSE
3.	GANESH KUMAR	II /CSE
4.	GNANAMOORTHY M	II /CSE
5.	GOKULA KANNAN M	II /CSE
6.	DEEPAK M	II /ECE
7.	DHARSHAN R	II /ECE
8.	DHINAGARAN J	II /ECE
9.	GOKULNATH S	II /ECE
10.	GOKUL RAJ D	II /ECE
11.	GOWTHAM N G	II /ECE
12.	AJAYKANTH S	II /EEE
13.	CHANDRU R	II /EEE
14.	NANDHINI K	II /EEE
15.	GNANA VEL G	II /EEE
16.	GOKULNATH M	II /EEE
17.	GOKULRAJ S	II /EEE
18.	KIRUTHIKA S	II /EEE
19.	JANARTHANAN T	II /EEE
20.	KALAIYARASAN G	II /EEE

NSS Programme officer

Principal


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**KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
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National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2021-2022/03


CIRCULAR

DATE: 24/11/2021

Our KSRIET NSS is organizing “Campus Cleaning” event in our campus premises on 01/12/2021 at 02.00PM. In this regard all our NSS volunteers can participate in this program.


NSS Programme officer


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TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Campus Cleaning – Report

Academic Year: 2021-22

Name of the Programme	Campus Cleaning		
Date & Time	01/12/2021	Venue	Mechanical Block, KSRIET
Chief Guest/Resource Person		No of NSS Volunteers involved in the activity	40
		No of Beneficiaries	40
About Programme /Activity	Campus Cleaning activity done in campus premises on 01 December, 2021 Near back side of Mechanical Department Block. Totally Forty NSS Volunteers were involved in the activity.		
			
Campus Cleaning			

D. M. Srinivasan
NSS Coordinator

[Signature]
Principal

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NATIONAL SERVICE SCHEME (NSS)

“Campus Cleaning” on 01/12/2021

The following NSS students are selected to participate.

S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	BLESSY M	I/CSE
2.	DARSHANA S P	I/CSE
3.	DEEPAK S	I/CSE
4.	DEEPANRAJ J	I/CSE
5.	DEVADHARSHINI R K	I/CSE
6.	DEVIKALA S	I/CSE
7.	DIVIYAPRIYA K	I/CSE
8.	GEETHAPRIYA D	I/CSE
9.	GOKUL KRISHNAN K	I/CSE
10.	GOKULA PRIYAN B	I/CSE
11.	NAVEENKUMAR V	I/MECH
12.	NAVEENKUMAR N	I/MECH
13.	PRADEES J	I/MECH
14.	PRASEN S S	I/MECH
15.	PRAVEENKUMAR K	I/MECH
16.	PRAVEENKUMAR R	I/MECH
17.	RAGHUL S	I/MECH
18.	RAHAMATHULLA S	I/MECH
19.	PRIYADHARSHINI N	I/EEE
20.	PRIYADHARSHINI V	I/EEE
21.	PRIYAMVADHA M	I/EEE
22.	PRIYANKA G R	I/EEE
23.	RAMAKRISHNAN S	I/EEE



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24.	RANJITH M.S	I/EEE
25.	RATHISHKAR S	I/EEE
26.	RINDHIYA A	I/EEE
27.	SABARI S	I/EEE
28.	RANJANI M	I/IT
29.	RANJITH KUMAR P	I/IT
30.	RANJITH KUMAR S	I/IT
31.	SAFFIYA SHABEEN S	I/IT
32.	SANTHOSH A	I/IT
33.	SASI KUMAR G	I/IT
34.	SASIKUMAR P	I/IT
35.	SHREE VARSHAA S	I/IT
36.	GEETHANJALI S	I/BME
37.	GOKUL G	I/BME
38.	HEERA R	I/BME
39.	JAGADEESH S	I/BME
40.	JAGATHISWARAN S	I/BME


NSS Programme Officer


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**KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE-637 215**




National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2021-2022/04

CIRCULAR

DATE: 16/12/2021

Our NSS will plan to organize "Fire Safety Awareness Programme" on 21/12/2021 & 11.00AM for our students and Non teaching faculty members. In this regard, All NSS Volunteers and Non teaching faculty members are asked to assemble in front of Mechanical Block at 10.45AM.


NSS Programme officer


Principal


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NATIONAL SERVICE SCHEME (NSS)

“Fire safety Awareness programme” on 21/12/2021 & 11.00AM

The following students are permitted to attend this programme


S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	PRADEEP G	I/BME
2.	PRASANNA S	I/BME
3.	PRAVEEN V	I/BME
4.	PREMKUMAR R G	I/BME
5.	PRITHEEP K	I/BME
6.	PRIYADHARSHINI N	I/BME
7.	RIYAS R	I/ECE
8.	ROHITH M	I/ECE
9.	SANJAY P	I/ECE
10.	SANTHOSE S	I/ECE
11.	SANTHOSH M	I/ECE
12.	SASIREKHA S	I/ECE
13.	SHARMILA DEVI M	I/ECE
14.	SIBI N	I/ECE
15.	SIVAPERUMAL K	I/ECE
16.	KAVIN S	I/IT
17.	KAVINESH S	I/IT
18.	KAVINKUMAR K	I/IT


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19.	KAVIYA R	I/IT
20.	LAKSHMI VISHNU M A	I/IT
21.	LOGESHWARI S	I/IT
22.	MADHUBALA S	I/IT
23.	SARAN P S	I/MECH
24.	SATHISH S	I/MECH
25.	GOWRISANKAR V	I/CSE


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TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Fire safety Awareness programme– Report

Academic Year: 2021-2022

Name of the Programme	Fire Safety Awareness Programme		
Date & Time	21/12/2021 & 11.00AM	Venue	Infront of Academic Block
Chief Guest/Resource Person		No of NSS Volunteers involved in the activity	25
		No of Beneficiaries	100
About Programme /Activity	Our KSRIET Mechanical Engineering Department and NSS, Fire Safety Awareness Programme for students and Non teaching Faculty members was organized on 21/12/2021 Ground Near Indoor, KSREI. In this programme 25 NSS Volunteers were utilized to arrange the camp and 100 of our college bus drivers get benefited.		
			
Fire Safety Awareness Programme			

NSS Coordinator

Principal


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National Service Scheme (NSS)

REF: KSRIET/NSS/CIR/2021-2022/05


CIRCULAR

DATE: 03/01/2022

In view of the situation arising out of corona virus "Tree Plantation" has been planned to arrange on 05/01/2022 & 02.30 PM Devanankurichi. In this regard NSS Volunteers are asked to participate and inform to A.Mohanraj NSS Programme Officer on or before 04/01/2022


NSS Programme officer


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National Service Scheme (NSS)

“Tree Plantation” on 05/01/2022 & 02.30 PM


The following students are permitted to attend this programme

S.NO	NAME OF THE STUDENT	YEAR/DEPT
1.	VASANTH S	I/CSE
2.	VIJAYA BASKAR R	I/CSE
3.	VISHNUDHASAN G	I/CSE
4.	YALINI A	I/CSE
5.	YASAR ARAFATH AZAD ALI	I/CSE
6.	YOGESH KUMAR	I/CSE
7.	YOGESHWARAN.D	I/CSE
8.	AAKASH E S	I/MECH
9.	AKASH K	I/MECH
10.	DEVANAND T	I/MECH
11.	DHANUSH B	I/MECH
12.	DHANUSH P	I/MECH
13.	DHARANI KRISHNAN M	I/MECH
14.	DHARUNESH K	I/MECH
15.	THENDRAL DEVI S	I/IT
16.	VASANTHKUMAR V	I/IT
17.	VASANTHKUMAR M	I/IT
18.	VIGNESH KUMAR S	I/IT
19.	VIJAY R	I/IT
20.	VIJAYARAGAVAN R	I/IT


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21.	YASHWANTH N	I/IT
22.	AATHI KESAVAN G	I/EEE
23.	AGILAN A	I/EEE
24.	ARULANANTHAN C	I/EEE
25.	ATCHAYA A S	I/EEE
26.	BHARANITAREN M P	I/EEE
27.	BOOPATHI I	I/EEE
28.	CHANDHRU S	I/EEE
29.	SOWMIYA S	I/ECE
30.	SRINITHI R	I/ECE
31.	SUDHARSAN	I/ECE
32.	SULTHAN A	I/ECE
33.	SUSEENDHAR S	I/ECE
34.	SYED HASAN S	I/ECE
35.	TANUSREE S R	I/ECE
36.	VIJAY M	I/ECE
37.	VIMALRAJ S	I/ECE
38.	YASOD N M	I/ECE
39.	YUVARAJAN A	I/ECE
40.	YUVASHRI S	I/ECE
41.	SRI SAAI DHARSHAN G G S	I/BME
42.	SUNMATHI R	I/BME
43.	SYED ALI FATHIMA M	I/BME
44.	THANUSH KUMAR T	I/BME
45.	THUSPIKA N	I/BME
46.	VANMATHI R	I/BME


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47.	VENUGOPAL S	I/BME
48.	VIJAYASARATHY P	I/BME
49.	VIMALI A	I/BME
50.	YAGNASHRI NELLUTLA	I/BME


NSS Programme Officer


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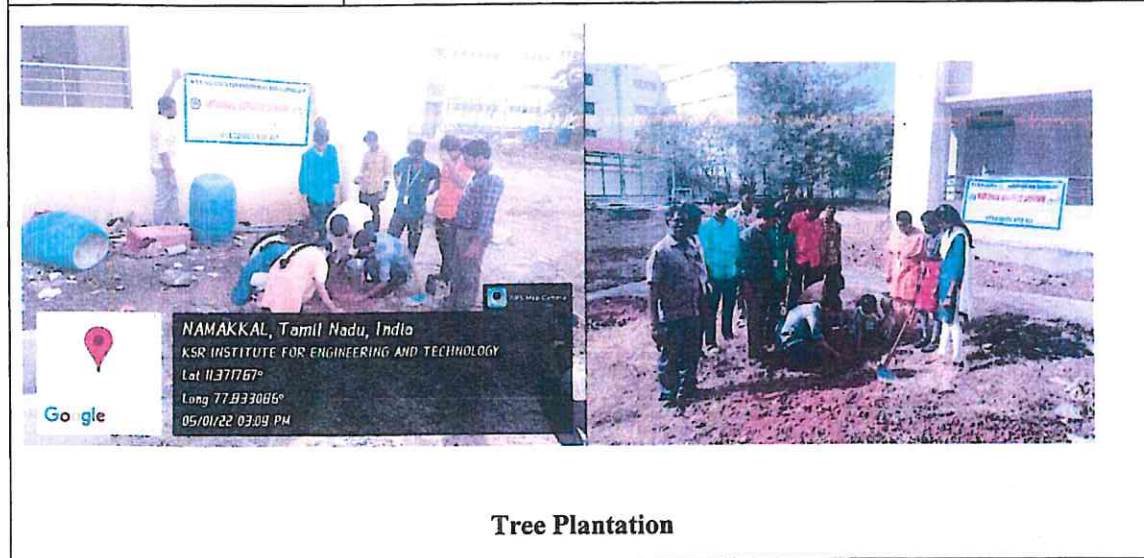
TIRUCHENGODE – 637 215

NATIONAL SERVICE SCHEME (NSS)

Tree Plantation -Report

Academic Year: 2021-22

Name of the Programme	Tree Plantation		
Date & Time	05/01/2022 & 02.30 PM	Venue	Several Places in KSRIET
Chief Guest/Resource Person	No of NSS Volunteers involved in the activity		50
	No of Beneficiaries		All students
About Programme /Activity	The green and sustainable Smart Campus was dotted with 30 trees in a Tree Plantation Ceremony that was organized on 05 January 2022. Totally Thirty trees were planted on the same day with Fifty NSS Volunteers.		



[Signature]
NSS Coordinator

[Signature]
Principal

[Signature]
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UNNAT BHARAT ABHIYAN


KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

PROGRESS REPORT

Annual Report 2021-2022

UBA Coordinator's Name : Dr.P.Meenakshi Devi
Email : drpmeenakshidevi@gmail.com
Phone Number : 9944456156

Sr. No.	ADOPTED VILLAGES	TALUKA	DISTRICT
1	Anangur	Tiruchengode	Namakkal
2	Devanankurichi		
3	Emappalli		
4	Odappalli Agraharam	Komarapalayam	
5	Pappampalayam		


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List of Activities:

ACTIVITY 1:

Name of Activity:

Grama Sabha Meeting

Need of the Activity:

Grama Sabhas will be to give approval for the list of beneficiaries of the village for different schemes and the development works to be taken up in the villages.

Description in 200 words (along with the Pictures):

Number of Student/Faculty involvement: Student 10 / Faculty 5

Interaction with Local government official: Panchayat President, Counsellor, Ward Member



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Topics Discussed:

- Road Facility
- Recreation Water Facility and storage
- Public Toilets
- Drainage capacity and cleanliness
- Electricity conservation
- Agriculture with Technology
- Transportation
- Waste management
- Organic farming
- Socioeconomic up-liftment of rural women
- Basic amenities in middle school

The above mentioned essential topics are discussed in grama sabha meeting, the students are get more information about grama sabha meeting and how to approach the Panchayat President, Counsellor and Ward Member for village people development.


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ACTIVITY 2:

Name of Activity:

Pledge Taking for Groundwater: Making the Invisible Visible

Need of the Activity:

Create awareness to the students about importance of water and how to preserve the ground water and rain water.

Description in 200 words (along with the Pictures):



[Signature]

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Our KSRIET UBA Cell took pledge on 22.03.2022, because the budding engineers need to know about the basic needs of all living things, then our students to create awareness of our college students about importance of water and how to preserve the ground water and rain water. KSRIET UBA Cell students collect the various water resource's statistical information and discuss with the adopted villages, the village people also eagerly learned about importance of water management, they gave assurance to us we will maintain water management in our village.



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