

Qualitative Metrics

Criterion 7-Institutional Values and Best Practices

Key Indicator 7.1 Institutional Values and Social Responsibilities

7.1.6	Quality audits on environment and energy are regularly undertaken by the institution 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities
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Four of the features listed under this heading are available in SITAM Vizianagaram.

1. Green audit , 2. Energy audit, 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities (OptionA)

1.GREEN AUDIT:

The college has adopted the ‘Green Campus’ system for environmental conservation and sustainability. There are three main pillars i.e. zero environmental foot print, positive impact on occupant health and performance, and 100% graduates demonstrating environmental literacy. The goal is to reduce CO₂ emission, energy and water use, while creating atmosphere where students can learn and be healthy.

LAND USE DATA OF SITAM, VIZIANAGARAM

CATEGORIES OF LAND USE	ACRE
BUILDING AREA	3.62
GROUNDS	2.81
SHEDS	0.392
BOYS HOSTEL	0.36
GIRLS HOSTEL	0.18
CANTEEN	0.042
LAWNS/BIG TREES/SHRUBS	2.308
WALKWAYS	1.938
TOTAL AREA	11.65

2. Energy Audit

Data collection for energy audit of the Satya Institute of Technology and Management, Vizianagaram was conducted by team. This audit was over sighted to inquire about convenience to progress the energy competence of the campus. This audit required to recognize the mainly energy proficient appliances. Besides, several each day processes concerning common appliances have been provided which facilitate sinking the energy expenditure. The energy audit survey was completed by the team. All data collected from each classroom, laboratory, every room. The work is completed by considering, how many tubes, fan's, A.Cs, electronic instruments, etc in each room. How much was participation of each component in total electricity consumption. To reduce the deleterious effects of inductive load, suitably sized capacitors are installed.

Introduction:

In India the entire field of education and other fields of intelligent activities had been monopolized by a handful of men before independence. But today we are marching towards the desirable status of a developed nation. But the development should be a sustained one. For achieving such an interminable development energy management is essential.

In the present study, college electricity audit has been done. This study considered practical laboratory, instrument, Fans, air conditioners, Computers etc. We have studied total budget of the college, total economic investment of college on the electricity and total generation electricity from the solar electricity generation unit. Also, it is studied that exact contribution of bulb, fans, computer, instruments etc in the total requirement of electricity. We studied all these mentioned thinks by collecting exactly data form survey.

Total Power Requirement of various Equipment

Appliance	Number of appliances	Power use (Watt)	Total Power Consume in '6' hours(watt x hours x no/ 1000)	Consumption in month (KWh)
Tube Lights	225	40	54	1296
Led Lights	170	20	20.4	489.6
Ceiling Fans	320	60	115.2	2764.8
Air Conditioner	15	1000	90	2160
Ups	12	900	64.8	155.2
Exhausted Fans	18	55	5.94	142.56
Motors	5	1000	30	720
Street Lights	55	20	6.6	158.4
Printers	10	50	3.0	72
Xerox	2	1350	16.2	388.8

LCD Projector	11	350	23.1	554.4
Computers	25	300	45	1080
TOTAL(kwh/month)				9981.76

The total energy utilization of the college for different purposes is approximately 9981.76 kwh/month.



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(Approved by A.I.C.T.E & Affiliated to JNTU, Kakinada)

Gajularega, Vizianagaram, Andhra Pradesh-535002

Telephone No: 9676788811/33/44, Land Line: 08922-234775/76/74

E-Mail: sitam@sitam.co.in

Website: www.sitam.co.in

Event : Haritha Mitra.

Date : 26-01-2020.

REPORT

SATYA Institutes , SITAM & satya degree and PG college, Received the “Haritha Mitra”(greenery friend) award from district collector and Superintendent of police of vizianagarm, Dr Haijawahar and smt Rajakumari. The MLA of Bobilli Sri Appala Naidu garu was also present. The Director of Satya group Dr Sashibhushana Rao, Satya degree &PG college principal Dr Saideva Mani, NCC and NSS students received the awards.







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Website: www.sitam.co.in

Event : Certificate of Recycling

Date : 18-09-2021.

REPORT

Satya Institute Of Technology And Management, we are glad to receive the Certificate of Recycling from Green Waves Environmental Solutions for recycling absolute electronic waste. For all the materials has been collected and handled in a environmental friendly manner, in accordance with the guidelines set by the central pollution control board.

Certificate of Recycling

GreenWaves Environmental Solutions

Reference: GWES0216045

Authorisation: 2/APP/CB/E-Waste/2016

Satya Institute of Technology and Management

Organisation Name (SITAM) - Vizianagaram

GreenWaves Environmental Solutions Would like to thank and present this certificate for recycling obsolete electronic waste.

Weight: E-Waste: 450 Kgs

Date: 25-08-2021

All The Material has been collected and handled in an environment friendly manner, in accordance with the guidelines set by the Central Pollution Control Board. We encourage you to continue the support for E-Waste management in environmentally friendly manner



Potluri Anil Chowdary
Managing Director
GreenWaves Environmental Solutions





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Website: www.sitam.co.in

Event :Plantation Program.

Date : 09-01-2020.

REPORT

"Plantation Program" conducted on 09.01.2020, Our Honourable District collector sri .M.Harijawaharlal planted 100 saplings near yerra cheruvu,a near by pond of SITAM Engineering college, Gajularega, vizianagaram, being adopted by him.He also provided protection for these plants and the Director of the SITAM college sri. Dr.M.[Sashibhushana Rao Majji](#), PTC vice- principal sri.Mehar baba and Red cross co-ordinator Ramu garu associated him. The NCC UNIT also took its active participation.The District collector called the attention of the public to strive hard for making the city a "Green City "the Director of the SITAM college Sri.M.SasibhusanaRao sir also provided the necessary instruments for the NSS Volunteers.





నాటిన మొక్కలకు కంచె ఏర్పాటు చేస్తున్న ప్రసాదరావు తదితరులు

మొక్కలతోనే జీవరాశి మనుగడ

విజయనగరం రింగురోడ్డు, న్యూస్టుడే: మొక్కలతో జీవరాశి మనుగడ సాధ్యమని కలెక్టర్ హరిజనహర్లాల్ తెలిపారు. గురువారం రెడ్ క్రాస్ సహకారంతో సత్య విద్యా సంస్థ నిర్వాహకులు ఎర్ర చెరువు వద్ద మొక్కలు నాటారు. కార్యక్రమానికి హాజరైన కలెక్టర్ మాట్లాడుతూ పర్యావరణ పరిరక్షణకు ప్రతీ ఒక్కరు కృషి చేయాలని పిలుపునిచ్చారు. కార్యక్రమంలో రెడ్ క్రాస్ అధ్యక్షులు కేఆర్డి ప్రసాద్, నగర పాలక సంస్థ సహాయక కమిషనర్ కనకమహాలక్ష్మి, ఆటవీ శాఖ అధికారి జానకీరావు, శిక్షణ కళాశాల ప్రధానాచార్యులు మెహర్బాబు, సత్య విద్యా సంస్థల సంచాలకులు శశిభూషణ్, ఎన్సీసీ, ఎన్ఎస్ఎస్ సమన్వయకర్తలు, సిబ్బంది, విద్యార్థులు పాల్గొన్నారు.



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Website: www.sitam.co.in

Event :Plantation Program.

Date : 04-03-2020.

REPORT

District collector sir has come to the "Yerra cheruvu" near to the Satya Institute of Technology and Management to plant the remaining area. NCC cadets of both colleges have participated very actively.







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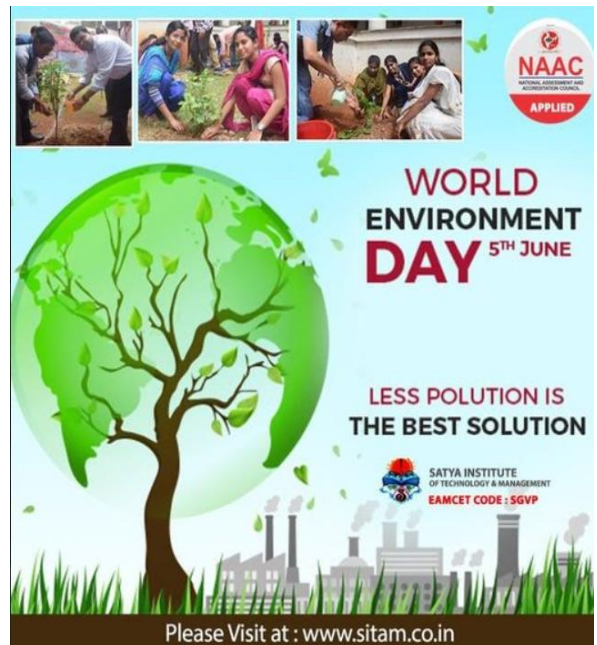
Website: www.sitam.co.in

Event : World Environment Day.

Date : 05-06-2020.

REPORT

The World Environment Day celebrated by satya Group at Sitam Engineering college. Dr (smt) Botcha Jhansi Lakshmi, ex MP and Prof Swamy Naidu, principal, JNTUK are the Chief Guests. Tree Saplings were planted by the guest, staff and students. The Guest emphasized the importance of –Time for nature- which is the theme of this year 2020 world environmental day. They also stressed the importance of Trees , Biodiversity and living with nature. The principal of SITAM Dr Ramamurthy, The principal of Satya Degree & PG college Dr Sai Deva Mani HODs, DAMODHAR, NCC OFFICERS mr. C. S. Naidu, Lt. Satya veni, staff and NCC and NSS students participated.





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Event :Plantation Program.

Date : 28-02-2021.

REPORT

Satya Institute of Technology and Management - SGVP 2(A) CTR NCC UNIT, Visakhapatnam, conducted social services of different programmes like Tree plantation, Swachh Bharat, Blood donation camp and our institution donates 50 plants. In this programme Andhra University Registrar Prof V.krishna Mohan ,Commanding Officer Lt.Col.Sneha Loke Dash,ANO, PI staff, NCC caretaker S.Prasanth and 300 NCC cadets participated and leads to this programme completed successfully.



