



Dr. C.S.N. DEGREE & P.G. COLLEGE

BHIMAVARAM - 534 203, W.G.Dt., A.P., INDIA

Recognised by APSCHE, Approved by AICTE, AISCHE Code- C-23946

Affiliated to Adikavi Nannaya University, Rajamahendravaram

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with proper caption for all
the selected options**



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Green audit / Environment audit



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The green audit at Dr. C.S.N Degree and PG College on 21st July 2022, adhering to the ISO/IEC 17020:2012 standard represents a significant step towards sustainability and compliance. This standard outlines the criteria for the operation of various types of bodies performing inspection, ensuring competence, impartiality, and consistent inspection activities. By conducting this audit, the college demonstrates its commitment to environmental stewardship and continuous improvement, aligning with global best practices.



Lat 16.552886°
Long 81.547028°
21-07-2022



Lat 16.552886°
Long 81.547028°
21-07-2022

Report of Green, Environment and Energy Audits as per the ISO/IEC 17020:2012 Standards

Submitted to

**DR.C.S.N. DEGREE AND PG COLLEGE,
BHIMAVARAM- 534 201, WEST GODAVARI
DISTRICT, ANDHRA PRADESH**

Date of Audit: 21.07.2022



Submitted by
NATURE SCIENCE FOUNDATION
[A Unique Research and Development Centre for Society Improvement]
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*Dr. C.S.N. Degree & P.G. College
Bhimavaram.*



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Natural topography, vegetation and monitoring

Natural topography means the original geographical features and natural resources of the Site. It is observed that the organization has the natural features like rocks, water resources, slopes, landscape, pathways, etc. Vegetation is the cultivation of a bunch of plants irrespective of the plant taxa for the covering of the area or ground topography. The observation at the campus indicated that there are more than 30% natural topography and vegetation. Monitoring plan for maintaining the vegetation and sustainability are evident through separate operation and maintenance team & their records for regular watering as per the micro climatic condition through irrigation





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Energy audit



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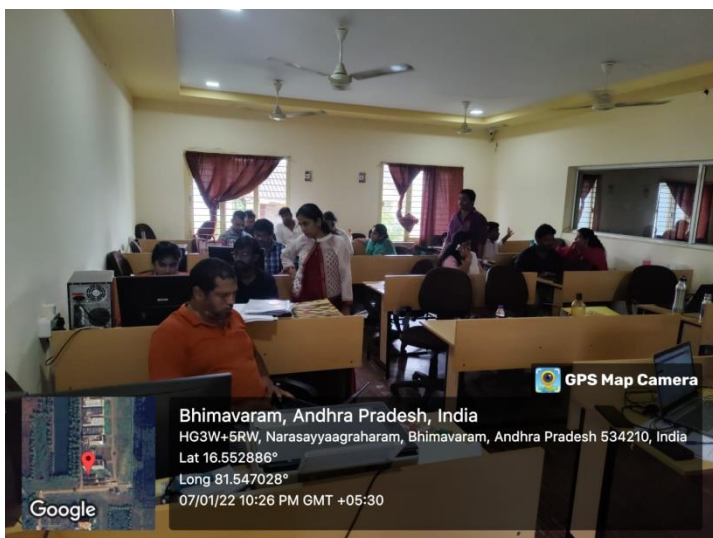
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Energy Audit:

An energy audit is a survey in which the study of energy flows for the purpose of conservation is examined at an organization. It refers to a technique or system that seeks to reduce the amount of energy used in the Organization without impacting the output. The audit includes suggestions of alternative means and methods for achieving energy savings to a greater extend. Conventionally, electrical energy is generated by means of fossil fuels, hydraulic and wind energy. The availability of fossil fuels and their depletion rate, insist the need for alternate energy systems and conservation of conventional electric energy. In general, the primary objective of an energy auditing and management of energy consumption is to offer goods or services at the lowest possible cost and with the least amount of environmental impact

sufficient day lighting Facilities available through windows in the campus





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Clean and green
campus initiatives/
Beyond the campus
environmental
promotion activities



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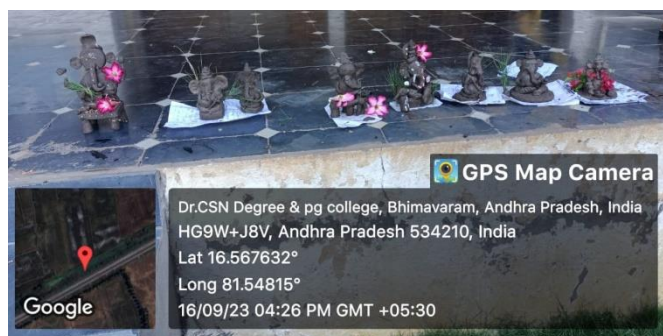
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Activities

Eco-friendly approach to celebrate Ganesh Chaturthi

In a commendable initiative to promote environmental sustainability, the students of Dr C.S.N Degree & P.G College have embraced an eco-friendly approach to celebrate Ganesh Chaturthi on 16-09-2023. Eschewing the traditional plaster-of-Paris idols, which harm aquatic ecosystems when immersed in water bodies, the students have crafted Ganesh statues from natural clay. These biodegradable idols, designed to dissolve without toxic impact, symbolize the institution's commitment to ecological preservation. The festival, marked by cultural programs and awareness campaigns, not only honors the deity but also educates the community on the importance of eco-conscious festivities. This proactive step by the college is a beacon of inspiration, showcasing how tradition can harmoniously coexist with nature conservation.

Students crafted Ganesh statues from natural clay





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Save Water Drive

The 'Save Water Drive' initiative, organized by Dr. C.S.N. Degree & P.G. College, was a commendable effort to promote water conservation in the nearby village. The campaign, held on March 3, 2023, aimed to raise awareness among the villagers about the critical importance of saving water in the face of increasing scarcity. The college's Environmental Club, along with faculty members, conducted interactive sessions and workshops demonstrating practical water-saving techniques. They also distributed informative pamphlets and installed rainwater harvesting models as live demonstrations. The drive was a success, with many villagers pledging to implement water-saving measures in their daily lives. This report highlights the event's positive impact on the community's approach to water conservation.



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SAVE WATER



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Swatch Bharat Abhiyan (SBA)

Swatch Bharat Abhiyan (SBA), a significant national campaign initiated by the Government of India, aims to promote cleanliness, sanitation, and the eradication of open defecation to enhance the general quality of life. To implement SBA in Dr. C.S.N Degree and PG College, 08-01-2022. A comprehensive approach is required, focusing on the construction of adequate sanitation facilities, conducting behavioural change campaigns, and managing solid waste effectively. The college can draw inspiration from the guidelines provided by the UGC for Swatch Bharat-Swasth Bharat Scheme, which emphasizes the role of educational institutions in cultivating cleanliness and hygiene among youth. By organizing cleanliness drives, awareness workshops, and involving students in community service, the college can contribute significantly to the mission. Additionally, the college can collaborate with local authorities to extend these efforts to nearby public places, ensuring a broader impact on the surrounding community. This initiative not only fulfils a civic duty but also instils a sense of responsibility and pride among students, as they partake in creating a cleaner and healthier environment.

Swatch Bharath Abhiyan campaign with our students and faculty



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SWATCH BHARATH ABHIYAN




8/01/2022





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Sapling Foundation Program

The Sapling Foundation's initiative at Dr. C.S.N. Degree and PG College was a resounding success, despite the challenges posed by the rainy season. The program, aimed at promoting environmental awareness and action among students, saw the enthusiastic participation of the college community. Over the course of the event, numerous saplings were planted across the campus, turning the area into a lush, green space. The event not only beautified the campus but also served as a practical lesson in environmental stewardship for the students. The foundation's representatives conducted workshops on sustainable practices, emphasizing the importance of trees in urban areas. The college has committed to nurturing the saplings, ensuring that the benefits of the program will be felt for years to come. This initiative is a testament to the college's dedication to ecological conservation and education.



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SAPLING FOUNDATION PROGRAM



 26/07/2021



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Awareness program on SAY NO TO PLASTIC:

The initiative to conduct an awareness program on reducing plastic usage is a commendable effort towards environmental conservation. Engaging with local communities through the National Service Scheme (NSS) to educate them about the detrimental effects of plastic on our ecosystem can have a significant impact. Such programs often involve interactive sessions, distribution of informative materials, and demonstrations of alternative, eco-friendly materials that can replace plastic. These efforts not only raise awareness but also empower villagers to make sustainable choices that contribute to the health of the planet. The success of these programs can be amplified by involving local leaders and leveraging traditional practices that align with environmental sustainability.



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AWARENESS PROGRAM ON SAY NO TO PLASTIC



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The Traffic Awareness Camp

The Traffic Awareness camp recently conducted a successful program in collaboration with the local Traffic Inspector. The initiative focused on a comprehensive drive to educate the public on traffic rules and regulations. The event kicked off with an engaging seminar where the Traffic Inspector highlighted the importance of road safety measures and the consequences of non-compliance. Interactive sessions included demonstrations on the correct use of traffic signals, pedestrian rights, and the significance of wearing helmets and seatbelts. The campaign also featured a pledge drive, encouraging participants to commit to following traffic laws. Overall, the awareness Program efforts have significantly contributed to raising awareness and promoting safer driving practices within the community.



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TRAFFIC AWARENESS CAMP



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Awareness program on the Importance of Cleanliness of Campus

The importance of maintaining cleanliness on campus cannot be overstated. At Dr. C.S.N. Degree and PG College, the awareness of cleanliness is not just about keeping the environment aesthetically pleasing, but it also reflects the institution's commitment to health, wellness, and sustainability. Initiatives such as regular clean-up drives, waste management seminars, and the installation of adequate disposal facilities play a crucial role in fostering a culture of cleanliness. Moreover, involving students in these initiatives can instill a sense of responsibility and pride in maintaining a clean campus. Educational campaigns on the impact of littering and the benefits of recycling can further enhance this awareness. Through collective effort and continuous education, Dr. C.S.N. Degree and PG College can set a benchmark for cleanliness that resonates with the values of environmental stewardship and community well-being.



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AWARENESS PROGRAM ON THE IMPORTANCE OF CLEANLINESS



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The Health & Hygiene program

The Health & Hygiene program organized by the Women Empowerment Cell of Dr. C.S.N. Degree and PG College on November 3, 2020, did indeed feature guest speakers. These speaker Dr Sudha MD were experts in the fields of health and wellness, including nutritionists, fitness coaches, and medical professionals. They provided valuable insights and shared their expertise on a range of topics related to health and hygiene. The presence of these guest speakers added significant value to the program, offering attendees the opportunity to engage with knowledgeable individuals and gain a deeper understanding of the subjects discussed. The event was a collaborative effort to enhance awareness and educate the college community on the vital aspects of health and hygiene.



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HEALTH & HYGIENE



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Awareness program on Vermicomposting preparation

The awareness program on Vermicomposting preparation at Dr. CSN Degree and PG College aims to educate students on the sustainable practice of recycling vegetable and garden waste into nutrient-rich compost through the process of vermicomposting. Vermicomposting is an eco-friendly method that utilizes various species of worms, such as red wigglers and earthworms, to decompose organic waste, transforming it into vermicomposting, which is an excellent organic fertilizer and soil conditioner. The program will cover the essential phases of vermicomposting, starting from the collection and pre-digestion of organic waste, preparation of the worm bed, maintenance of optimal conditions for worm activity, to the final collection and storage of vermicompost. Students will learn the practical aspects of creating a vermicomposting system using simple materials like concrete tanks, cow dung slurry, and biodegradable waste, and will understand the importance of maintaining adequate moisture, aeration, and protection from temperature extremes for successful composting. By engaging in this program, students will gain valuable knowledge on waste management and sustainable agriculture, which they can apply in their homes and communities to promote environmental stewardship and soil health.



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AWARENESS ON VERMICOMPOST



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