

Format for Presentation of Best Practices

1. Title of the Practice- DIET Best Practices -Green campus

2. Objectives of the Practice

The Green Campus Audit assessment of an institution is becoming a paramount important these days for self-assessment of the institution, which reflects the role of the institution in mitigating the present environmental problems. The college has been putting efforts to keep the environment clean since its inception. But the auditing of this non-scholastic effort of the college has not been documented. Therefore, the purpose of the present green audit is to identify, quantify, describe and prioritize framework of Environment Sustainability in compliance with the applicable regulations, policies and standards. The main objectives of carrying out Green Campus Audit are:

1. To document practices and implementation of rainwater harvesting
2. To document the quality of recycled waste water for gardening ,Zero Liquid Discharge Concepts
3. To document the solid Waste disposal system and e-waste management
4. To document the ambient environmental condition of air, water and noise in the campus.
5. More efficient resource management ,paper less offices
6. To provide basis for improved sustainability and biodiversity
7. To create a green campus
8. To enable waste management through reduction of waste generation, solid-waste and water recycling
9. Recognize the cost saving methods through waste minimizing and managing
10. Impart environmental education through systematic environmental management approach and bench marking for environmental protection
11. Financial savings through reduction in resource use

3. The Context

Green Campus Audit assessment is a process of systematic identification, quantification, recording, reporting and analysis of components of environmental diversity of various establishments. It aims to analyze environmental practices within and outside of the concerned sites, which will have an impact on the eco-friendly ambience. Green audit can be a useful tool for a college to determine how and where they are using the most energy or water or resources; the college can then consider how to implement changes and make savings. It can also be used to determine the type and volume of waste, which can be used for a recycling project or to improve waste minimization plan. It can create health consciousness and promote environmental awareness, values and ethics. It provides staff and students better understanding of Green impact on campus. If self-enquiry is a natural and necessary outgrowth of a quality education, it could also be stated that institutional self-enquiry is a natural and necessary outgrowth of a quality educational institution. Thus, it is imperative that the college evaluate its own contributions toward a sustainable future. As environmental sustainability is becoming an increasingly important issue for the nation, the role of higher educational institutions in relation to environmental sustainability is more prevalent.

Green audit is a potential tool which can be used effectively by an educational institution for resource usage identification and optimization. 'Green auditing is the process of identifying and determining whether institutions practices are eco-friendly and sustainable'. The main objective to carry out green audit is to check green practices followed by the college and to conduct a well formulated audit report boundaries and where it stands on a scale of environmental soundness.

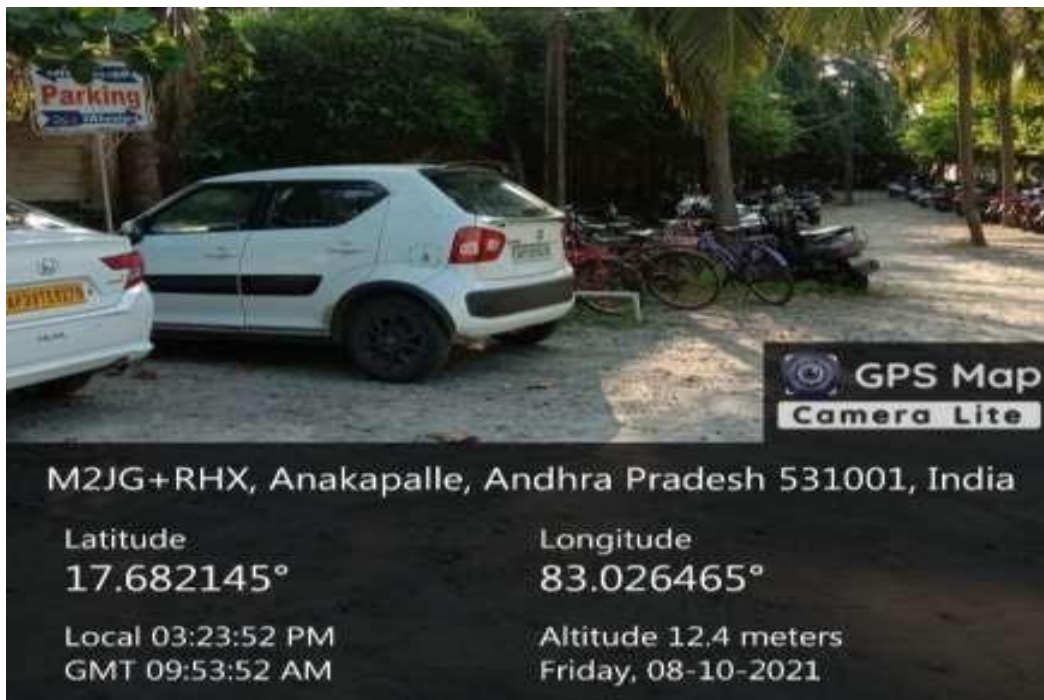
4. The Practice

GREENCAMPUS INITIATIVES

1. Restricted Entry of Automobiles :

The institute operates a fleet of 10 buses covering corners of Anakapalle to facilitate the students and staff. The institute encourages the staff and students to use the institute transport instead of their own vehicles for safety, security, fuel conservation and to reduce environmental pollution. The institute buses are checked for pollution by the authorized agency. The vehicles owned by faculty or students with pollution check stickers are permitted into the campus. Random checks are made to check the validation and periodicity of this certificate. For two wheelers or four wheelers, security measures are mandatory.

Unknown vehicles are not permitted inside the campus without prior permission. Visitors have to record their name, purpose of entry, in and out time and signature in the register maintained at the entry gates. Separate parking area is allotted for outsiders. CCTV cameras are also installed at the gates to monitor the entry and exit of the visitors. 'Clean Green Day' is observed once in every semester to create awareness on air pollution.



Restricted entry of automobiles

2. Use of Bicycles/Battery Powered Vehicles

Students and staff coming from nearby villages also prefer bicycles a mode of transport for attending the Institute. It is environment friendly and prevents pollution.



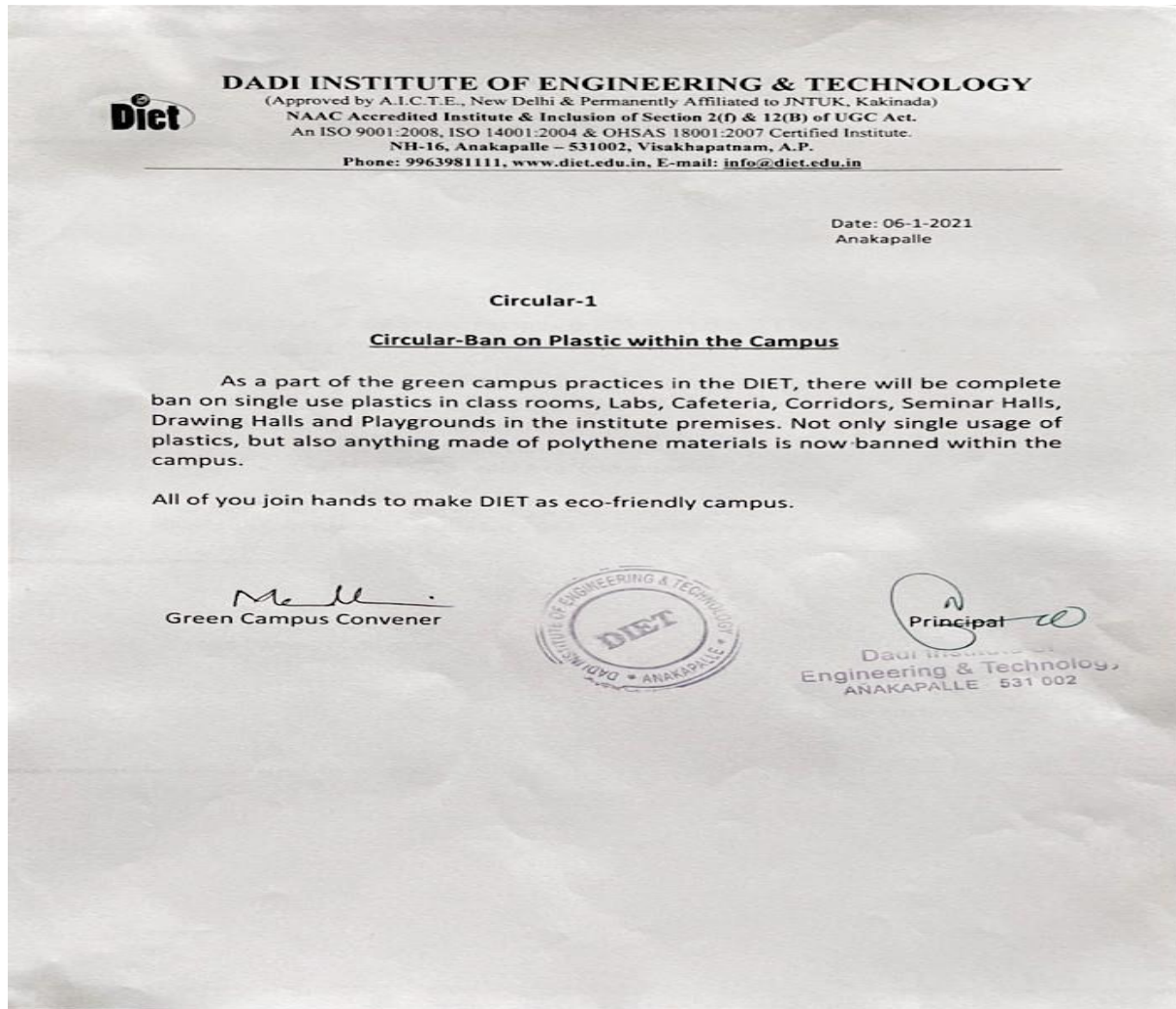
3. Pedestrian Friendly Pathways

Vehicle parking place is provided at the main entrance of the institute campus. As the campus is vehicle free with some exceptions, students and staff experience comfort walking through the pedestrian friendly pathways. The internal roads are lined with trees and solar lights and they are properly maintained by the campus maintenance committee.



4. Ban on use of Plastic

Circulars were issued in the campus to ban Plastic usage. Within the campus, we have also gained that no-plastic zone. Single-use plastic items such as plastic bottles, bags, spoons, straws and cups are banned completely and awareness created among staff and students through orientation programme and display boards across the campus. To restrict the use of plastic, measures have been taken to replace plastic tea cups and glasses with steel glasses in the cafeteria. The staff and students are intimated to use steel or copper water bottles instead of plastic bottles. Signage on ban plastics are wall mounted in many places inside the campus.





Ban of plastic sign boards



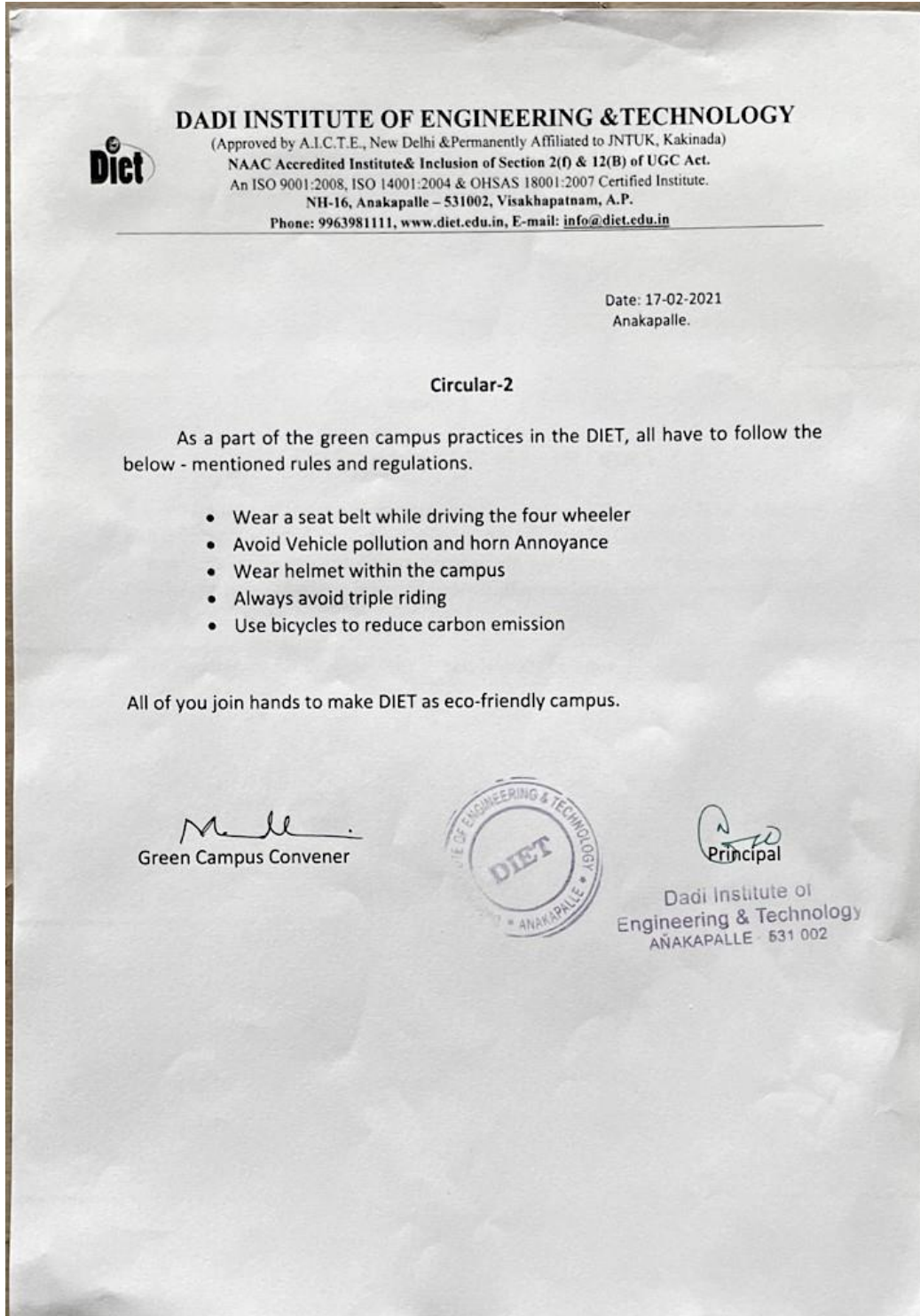
Chennai - Kolkata Hwy, Golagam, Andhra Pradesh
531001, India

Latitude	Longitude
17.682911666666666°	83.02578999999999°
Local 03:31:34 PM	Altitude 142 meters
GMT 10:01:34 AM	Friday, 08-10-2021

Ban of plastic sign boards

5.Landscaping with trees and plants

Dadi Institute of Engineering and Technology having 10.16 acres of land has various buildings such as main building and cafeteria. In the campus, nearly 35 species of plants were planted. Students of N.S.S., non teaching staff will take care of the campus and keep the campus green and clean at all the times.





Landscaping with trees and plants



Landscaping with trees and plants

Plantation:



Unnamed Road, Sankaram, Andhra Pradesh 531001,
India

Latitude

17.68342833333333°

Longitude

83.02432833333333°

Local 03:15:16 PM

GMT 09:45:16 AM

Altitude 16.1 meters

Friday, 08-10-2021



Landscaping with trees and plants

Green Campus practices

ENVIRONMENTAL AND ENERGY AUDITS


Environmental Education-Eco-score

Environmental education is a process that allows individuals to explore environmental issues, engage in problems solving, and take action to improve the environment. As a result, individuals develop a deeper understanding of environmental issues and have the skills to make informed and responsible decisions.

Recommendations at DIET:

1. **Eco-club** should be established
2. **Awareness and sensitivity** to the environment and environmental challenges
3. **Knowledge and understanding** of the environment and environmental challenges
4. **Attitudes** of concern for the environment and motivation to improve or maintain environmental quality
5. **Skills** to identify and help resolve environmental challenges
6. **Participation** in activities that lead to the resolution of environmental challenges

Eco-Audit checklist



ENVIRONMENTAL AUDIT CHECK LIST

Auditor name	V. Satish	Audit Date: 11/10/2022		
Organization Name & Address	Dadi Institute of Engineering & Technology NH-16, Anakapalle, Visakhapatnam. 9963981111, 9963694444			
Purpose:	To ensure that the environmental management system, maintenance of green campus which lead environment clean and neat, Waste management, recycling of water, disposal of sewage and materials, plastic use in the campus are being implemented effectively by the college.			
PROCEDURE				
Procedure	Description	Responsibility		
Annual plan	Each year a plan for the environmental audit is prepared by management. This plan serves to ensure that the entire environmental management system is implemented to ensure the campus very clean and neat.	Management		
Audit	Based on the checklists, the audit is carried out in the form of observations of campus.	Audit team		
Follow-up	Corrective action has to be taken and implemented within the prescribed duration.	Environmental Coordinator		
Reporting	Submission of corrective action in the form of report in association with Eco club of the Institute.	Environmental Coordinator		
Eco-Audit Environmental Check list				
S. No	Requirements	Conformity		
		Y	N	N/A
1	Have internal Eco audit procedures been developed and implemented?	✓		
2	Have environmental aspects identified and evaluated for planned or new developments, or new or modified activities?		✓	
3	Are the following environmental aspects considered in sufficient detail?			
	3.1. Wastewater effluent treatment plant		✓	
	3.2. Waste management and recycling of waste water		✓	
	3.3. Natural resource usage	✓		
	3.4. Hazardous and toxic material disposal	✓		
4	Have responsibilities been assigned for programmes at each appropriate function and level?	✓		
5	Have programmes for the achievement of environmental objectives and targets been established and implemented?		✓	
6	Are the significant evaluation criteria reasonable and adequate?	✓		
7	Are objectives and targets specific, measurable, concrete and understandable?	✓		
8	Has the organization ensured that personnel performing environmental specific tasks have the required knowledge (e.g. education, training experience)?	✓		

ENVIRONMENTAL AUDIT CHECK LIST



Eco-Audit Environmental Check list				
S. No	Requirements	Conformity		
		Y	N	N/A
9	Are objectives and targets documented?	✓		
10	Has a Management Representative, Environmental Engineer, Agriculture Staff been assigned?	✓		
11	Have the roles, responsibilities, and authorities for the Management Representative been defined?	✓		
12	Are the required resources (e.g., personnel, technology, finance) for implementation and control of the environmental management system provided by management?	✓		
13	Have training on Eco Audit needs been identified?		✓	
14	Are all monitoring equipment appropriately maintained and calibrated?		✓	
15	Any other environmental specific issues on site such as housekeeping, storage, areas, piping etc.,		✓	

Eco Audit with respect to the Level of status				
S. No	Requirements	Level of Status		
		Good	Satisfactory	Need improvement
1	Waste water treatment facility in the campus	-	-	There is no STP
2	Solid waste management facility in the campus	-	-	Open burning
3	Renewable energy utilization (Solar energy implementation schemes)		✓	only used in main gate
4	Water facility in the campus	✓		
5	Availability of Biogas plant	-	-	There is no Biogas Plant
6	Implementation of integrated waste treatment facility	-	-	Need to improve
7	Practice of energy audit (Documents and awareness camp)		✓	Good, but improve the documents & Records.
8	Any Hygienic audit conducted so far, if yes, number of microbial loads in college canteen, hostel dining hall, etc.		✓	Need to conduct Hygienic audit
9	Practice of water recycling process	✓		Need to improve Piping
10	Incorporation of water leakage detection facility		✓	Need to improve Not maintained
11	Functioning of Eco clubs to ensure college campus.		✓	
12	Implementation of Government schemes (Swatch Bharath)		✓	Display board must be installed.
13	Conduction of awareness programmes for environmental monitoring and Ecosystem maintenance.		✓	Need to conduct more awareness programmes on environmental monitoring

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ENVIRONMENTAL AUDIT CHECK LIST



Eco Audit with respect to the Level of status				
S. No	Requirements	Level of Status		
		Good	Satisfactory	Need improvement
14	Conduction of outreach programmes for dissemination of natural resources and environmental pollution	✓	✓	need improve outreach programmes.
15	Implementation of composting pits, recycling of kitchen wastes collected from Hostels and other places	-	-	Need to improved
16	Implementation of rain harvesting system, maintenance of natural resources in the campus		✓	need to improve
17	Waste disposal facility and functioning status in campus, hostels and other buildings	-	-	open burning
18	Role of Environment Monitoring System in ensuring green campus including social issues.	-	-	Need to improved
19	Students projects offered towards environmental science and management.		-	need to improve
20	Overall rating for college campus with neatness upon Environmental impact analysis.		✓	Satisfactory

Ramesh
12/10/21

Signature of Eco Auditing Chairman


V. G. K. K.
11/10/2021

Signature of Eco Auditing Auditor

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Green Audit Checklist



GREEN AUDIT CHECKLIST

Auditor name	V. Satish.	Audit Date: 11/10/2023		
Organization Name & Address	Dadi Institute of Engineering & Technology NH-16, Anakapalle, Visakhapatnam. 9963981111, 9963694444			
Purpose:	To ensure that the college campus is greenish in terms of planting a large number of trees and lawns in the campus and to reduce environmental pollution, proper water irrigation system, recycling of water, disposal of sewage and waste materials, biodiversity conservation etc., in the campus are being implemented effectively by the college.			
PROCEDURE				
Procedure	Description	Responsibility		
Annual plan	Each year a plan for the green campus audit is prepared by management. This plan serves to ensure that the entire environmental management system is implemented to ensure green campus.	Management		
Audit	Based on the checklists, the audit is carried out in the form of observations of green campus.	Audit team		
Follow-up	Corrective action has to be taken and implemented within the prescribed duration.	Green campus Coordinator		
Reporting	Submission of corrective action in the form of report in association with Eco club or any other clubs including NCC, NSS bodies and Social Service League of the Institute.	Green campus /Environmental Coordinator		
Green Audit Implementation Check list				
S. No	Requirements	Conformity		
		Y	N	N/A
1	Have internal Green campus audit procedures been developed and implemented?	✓		
2	Have environmental aspects identified and evaluated for planned or new developments, or new or modified activities?	✓		
3	Whether Green campus audit and Eco audit are simultaneous carried out or separately carried out?	✓		
4	Whether Indian Biodiversity Act as per the Ministry of Environment, Forests and Climate Change, New Delhi	✓		
5	Are the following environmental aspects considered in sufficient detail?			
	5.1. Wastewater effluent treatment plant		✓	
	5.2. Waste management and recycling of wastes water		✓	
	5.3. Natural resource usage	✓		
	5.4. Hazardous and toxic material disposal	✓		
	5.5. Recycled water use for irrigation system	✓		
	5.6. RO water use in the college	✓		
	5.7. Recycled and RO water physio-chemical properties analyzed	✓		

GREEN AUDIT CHECKLIST



Green Audit with respect to the Level of status				
S. No	Requirements	Level of Status		
		Good	Satisfactory	Need improvement
1	Waste water treatment facility to avoid waste water storage in the campus to minimize the disease spread to students			There is no STP plant
2	Solid waste management facility in the campus to reduce bad odor and smell and also to reduce disease incidence to students			open burning
3	Renewable energy utilization (Solar energy implementation schemes) for effective campus maintenance			only used in main gate
4	Sufficient number of trees, shrubs, herbs and lawns to ensure green campus facility to students and also to reduce environmental pollution			plantation is needed.
5	Maintenance of plantations in the campus and steps taken during summer season to maintain plants	✓		Need improve sprinkler system
6	Water facility in the campus and steps taken for water scarcity during summer season	✓		mainly depend on bore well only
7	Implementation and practice of energy audit and hygiene audit in the campus	✓	✓	Need improve the hygiene audit
8	Number of trees, number animals including bird and establishment of any aquarium in the campus.		✓	Present only trees are there.
9	Whether plants are tagged properly with their common name and Botanical name for students	✓		Need to improve the tagged to all the plants in the college.
10	Practice of water recycling process and Frequency of watering for plantations (Record maintenance)	✓		required record maintenance
11	Functioning of Eco clubs and other clubs / Cells / Forums / Units to ensure green campus through students		✓	Required the formation of eco clubs & other clubs for students.
12	Implementation of Government schemes (Swachh Bharath) and conduction of awareness programmes for green campus		✓	need to improve awareness programmes for green campus.
13	Conduction of outreach programmes for dissemination of green campus motto.		✓	need to improve the awareness of the Green campus motto.
14	Implementation of advanced methods for watering plantations (Trip and sprinkler irrigation methods)	-	-	There is no system
15	Implementation of rain harvesting system, use of biofertilizers, organic as well as green manures	✓	✓	need to improve

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GREEN AUDIT CHECKLIST



Eco Audit with respect to the Level of status				
S. No	Requirements	Level of Status		
		Good	Satisfactory	Need improvement
16	Signing of MoU with Government and Non-Governmental Organizations to ensure green campus		✓	Not maintained
17	Presence of (a) forest ecosystem (b) grassland ecosystem (c) desert ecosystem (d) aquatic ecosystem in college		✓	Need improve the forest ecosystem
18	Role of College management in Natural resources maintenance and wildlife protection act implementation		✓	Not Applicable
19	Role of Environment Monitoring System in ensuring green campus including social issues.		✓	Need to improve the Policy.
20	Overall rating for Green campus		✓	Satisfactory

[Signature]
12/10/24

Signature of Green Auditing Chairman

[Signature]
11/10/24

Signature of Green Auditing Auditor

REST Pvt Ltd

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Energy Audit checklist

ENERGY AUDIT CHECKLIST



Auditor name	A. Rama Akhilesh	Audit Date: 11/10/2021
Organization Name & Address	Dadi Institute of Engineering & Technology NH-16; Anakapalle; visakhapatnam - 531002	
Purpose:	<p>To ensure that the college campus is involving energy savings and consumptions towards the roadmap of the State development economy by assessing the electric current usage. The number of Tube lights, Sodium vapor lamps, Bulbs, Mercury Vapor lights, Ultra-violet lights, Uninterruptible power supply (UPS), Generator backup, Fans, A/C machine, Solar lights, power consumption machines such as Hot-air-oven, Microwave oven, Refrigerator, Equipment used in Laboratories, Hostels, Canteens and others in the campus are being implemented effectively by the college.</p> <p>As per the Energy Conservation Act, 2001, Energy Audit is defined as "the verification, monitoring and analysis of use of energy including submission of technical report containing recommendations for improving energy efficiency with cost benefit analysis and an action plan to reduce energy consumption.</p> <p>The Energy Audit would give a positive orientation to the energy cost reduction, preventive maintenance and quality control programmes which are vital for production and utility activities. Such an audit programme will help to keep focus on variations which occur in the energy costs, availability and reliability of supply of energy, decide on appropriate energy mix, identify energy conservation technologies, retrofit for energy conservation equipment etc.</p>	
PROCEDURE		
Procedure	Description	Responsibility
Annual plan	Each year a plan for the Energy Audit is prepared by Management. This plan serves to ensure that the entire environmental management system is implemented to ensure savings of electrical energy (current) in terms of money.	Management/Principal
Audit	Based on the checklists, the audit is carried out in the form of observations of the campus.	Audit team
Follow-up	Corrective action has to be taken and implemented within the prescribed duration.	Chief Coordinator
Reporting	Submission of corrective action in the form of report in association with Management for future perspectives.	Coordinators / In-charges

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ENERGY AUDIT CHECKLIST



Energy Audit Implementation Check list				
S. No.	Requirements	Conformity		
		Y	N	N/A
1	Have internal Electrical Energy Audit procedures been developed and implemented?	✓		
2	Have any steps taken for savings of energy by means of controlling number of lights and fans ON/OFF mechanisms by the Management?	✓		
3	Whether ordinary tube lights, sodium vapor lights and sodium vapor lights are replaced with LED bulbs in all the places in the campus?	✓		
4	Whether power consumption is being controlled by means of creating awareness among the stakeholders such as students, teachers, and etc.	✓		
5	Are the following energy conservation aspects considered in sufficient detail?			
	5.1. Number of Uninterruptible power supply (UPS) used : 19 ; Batteries: 296	✓		
	5.2. Number of Solar systems used for lighting : 06	✓		
	5.3. Usage Solar systems used in boiling water in hostels	-	-	N/A
	5.4. Number of Power generators installed : 01			
	5.5. Automatic sprinkler system used for irrigation purpose		✓	
	5.6. RO water use in the college and its current supply	✓		
	5.7. Ultra-violet lights and any other harmful lights used		✓	
	5.8. Attempt in reducing the energy expense and carbon footprint	✓		
6	Have responsibilities been assigned for maintenance of Electrical items and gadgets for long run?	✓		
7	Have programmes for the achievement of prescribed financial outlay for current bill for each building in the campus towards power consumptions?	✓		
8	Any display is made to switch ON / switch OFF in the college to create awareness among students and teachers towards power consumptions?	✓		
9	Are objectives and targets specific, measurable, concrete and understandable in power consumptions?		✓	
10	Has the organization ensured that personnel performing environmental specific tasks have the required knowledge on energy audit (e.g., education, training experience, workshop, camp and etc.)?	✓		
11	Are objectives and targets documented towards energy audit periodically and any Register is made?	✓		
12	Has a Management Representative, Electrical Engineer, Staff in charge been assigned for energy savings on power consumptions?	✓		
13	Have the roles, responsibilities, and authorities for the Management Representative been defined?		✓	
14	Are the required resources (e.g. personnel, technology, finance) for implementation of energy savings provided by Management?	✓		
15	Are all electrical equipment towards power consumptions appropriately maintained and calibrated?	✓		

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ENERGY AUDIT CHECKLIST



Energy Audit Implementation Check list				
S. No	Requirements	Conformity		
		Y	N	N/A
16	Any energy conservation technologies and retrofit for energy conservation equipment are being implemented?	✓		
17	Any analysis of energy flows for energy conservation in terms of the amount of energy input into the system without negatively affecting the output in Buildings in the College	✓		
18	Implications of alternative energy efficiency measures sufficient to satisfy the financial criteria of sophisticated investors	✓		
19	Identification of the most efficient and cost-effective Energy Conservation Opportunities (ECOs) or Measures (ECMs) taken by the management	✓		

Energy Audit with respect to the Level of status				
S. No	Requirements	Level of Status		
		Good	Satisfactory	Need improvement
1	Number of UPS, Solar system and Generator for power back up to alternative current supply facility in each building		✓	Need to improve the inspection of UPS, solar systems Generator
2	Implementation and practice of energy audit, eco audit and hygiene audit in the campus		✓	Hygiene audit is not conducting, so required for implementation
3	Functioning of Clubs / Cells / Forums / Units to ensure the safety precautions on current scared to students and teachers	-	-	required formation of clubs/cells to ensure the safety precautions
4	Implementation of advanced methods for watering plantations (Trip and sprinkler irrigation methods) and boiling water system on energy savings mode	-	-	required installation of the sprinkler irrigation method.
5	Roles, responsibilities, and authorities for the Management Representative for energy savings and amount of money savings		✓	Isnot the MR Roles & Responsibilities for energy savings & money sav
6	Use of Ultra-violet and Harmful lights without creating any awareness and safety precautions.	-	-	Not using any UV, Harmful light at college
7	Servicing and calibration of Electrical equipment items and gadgets for energy savings and power consumptions		✓	Required calibration of the equipments.
8	Signing of MoU with Government and Non-Governmental Organizations to ensure energy audit		✓	NO, any MoU with Government
9	Cost-effective energy conservation measures is well taken.	-	-	using only solar system up to 2KWp only.
10	Overall rating for Energy Audit		✓	Need to improve


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Preliminary ECO-SCORE ASSESSMENT




GREEN CAMPUS Eco-Score for DIET		
ECO SCORE ON A SCALE OF 1 FOR VERY POOR TO 5 AN EXEMPLARY		
S.NO	PARAMETER	ECO SCORE
1	Rain Water harvesting:	4
2	Terrace farming:	1
3	Neutralization Tank:	2
4	Zero Liquid discharge	1
5	Hazardous and e-waste management	3
6	Paperless office	3
7	Fire and safety provisions	2
8	Wealth from waste	1
9	Green Curriculum	3
10	Internal Revenue Generation	2
11	Ban on plastics	2
12	Environmental Education	2
13	Energy Efficiency	3
14	International Carbon Trade	2
15	Environmental Self Audit	1
16	Biogas Plant/Vermicompost	2
17	DG Set stack	1
18	Noise	3
19	Green building concepts	2
20	Biodiversity of campus	2
TOTAL ECO-SCORE		42
IDEAL ECO SCORE =20X5 = 100		

Based on the three audit (Green, Eco &Energy) checklists, all the 20 components of eco- score calculated. Eco-score on a scale of 1 for very poor to 5 an exemplary.

New eco-score below table was calculated after implementation of recommendations within 2 months period.

Problems Encountered and Resources Required

Action Taken Report on Green Campus Audit

S · N O	Parameter & Recommendations	Action Taken Report	PROOFS
1	<p>Rain Water Harvesting</p> <ul style="list-style-type: none"> Divert water to proper storm water channel constructed in the campus premises without wastage of any runoff. Divert the water to pits at different positions in the campus such that ground water recharge can be attained. Divert water to harvesting tanks or nearby water bodies in the premises. Reuse the collected water for gardening and for domestic uses. 	<ul style="list-style-type: none"> As per the recommendations of audit report display boards are placed near the Rain Water Harvesting pit. It is planned to construct canal to let the waste water to be reused for watering the plants. 	

Zero Liquid Discharge

2

- The treated water can be used in the campus for gardening

- Based on the recommendation the tests have to be conducted and achieved satisfied results. The usage may range from utensil cleaning, flushing, floor mopping and gardening. **APPENDIX -I attached**




Results on RO Rejected water				
S.no	Name of test	Result	Range for irrigation and hand wash	Remarks
1	Temperature	29.1° c	No relaxation	Satisfied result
2	PH	9.94ppm	No relaxation	Satisfied result
3	Turbidity	45.6ppm	With in average of 41ppm	Not Satisfied result
4	Dissolved solids	1094ppm	500 to 2000ppm	Satisfied result
5	Hardness	306.25ppm	200 to 600ppm	Satisfied result
6	Acidity(methyl orange indicator)	605ppm	Less than 900ppm	Satisfied result
7	Alkalinity (methyl orange indicator)	352.5ppm	200 to 600ppm	Satisfied result
8	Chlorides	744.56ppm	250 to 1000ppm	Satisfied result

3

Hazardous and e-waste management

- Segregate different types of wastes as dry and wet waste.
 - Hazardous
 - E-waste collection bins.
 - Initiate disposal methods with
- The waste is segregated after collecting it from various points in the campus into dry and wet.
 - Invited contractors to collect the dry wastage material.



4.	<p>Fire and Safety provisions</p> <ul style="list-style-type: none">• Flammable and Hazardous materialsources are limited, isolated, eliminated, or secured: This includes electrical lines and appliances, heaters and stoves, natural gas pipelines and LPGcanisters, flammable or combustibile liquids.	<ul style="list-style-type: none">• Refilled the fire extinguishers and sand buckets and planned to conduct mock fire drill with fire and safety department Anakapalle.	
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5

Wealth from waste

- The wastes such as Demolition waste, garbage from the kitchens, remaining food from the canteens, paper from the offices, Water from Kitchens, water from STP and Neutralization Tank can be converted into useful products. Encourage students to make innovative projects.
- Rubber tire benches at play grounds and at open classroom. Sitting benches with used plastic bottles.

Green Curriculum

- Existing Open classroom to be developed fully and operational.

Seminars and Conferences to be conducted on Environmental Issues and expert lectures and discussions be made regular in the curriculum.

- As per the guidelines of the audit committee the reusable plastic and rubber tires have been converted into useful products.

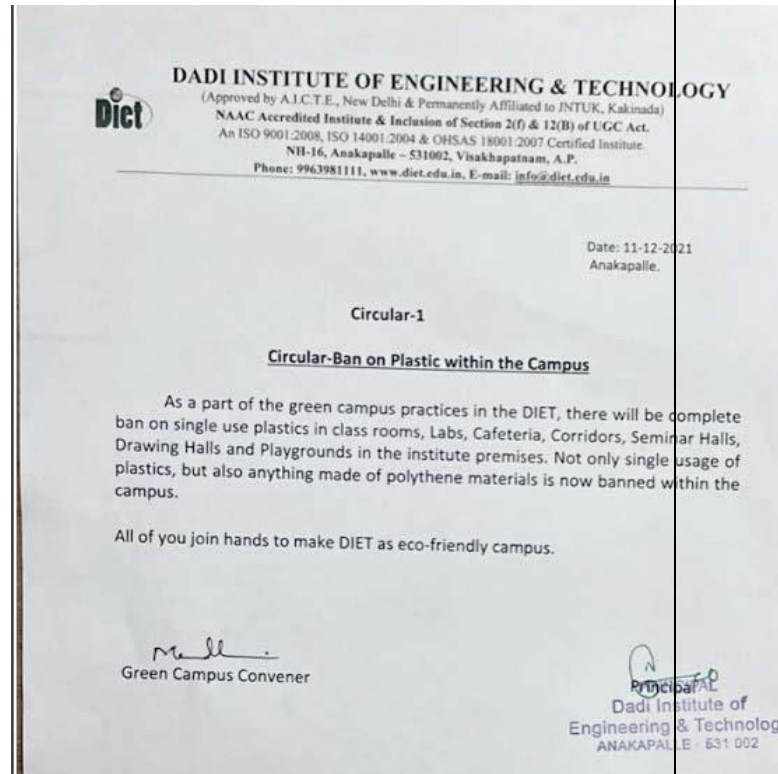
- Initiated the Open Class facility available in the campus near civil labs. Planning to conduct awareness session on Global Warming Climate Change.


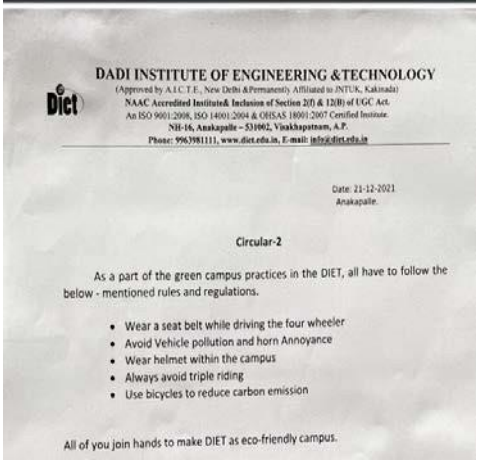



6.

Ban on Plastics

- Strive to make the campus 'plastic-free'
- Ban use of single-use plastics in canteens, shopping complexes in the institution's premises and hostels, etc.
- Carry out awareness drives and sensitization workshops on the harmful impacts of single-use plastics.
- Mandate all students to avoid bringing non-bio-degradable plastic items to the institutions. Encourage students to sensitize their respective households about the harmful effects of plastics and make their households 'plastic-free'.
- Single use and Usage of plastic is banned in the campus and regular monitoring is done.



<p>8</p>	<p>International CarbonTrade</p> <ul style="list-style-type: none"> • Encourage transportation in such a way that to reduce CO2 emissions. • Increase awareness among the students and staff to reduce CO2 emissions per person. 	<ul style="list-style-type: none"> • Initiated horn annoyance 	 
<p>9</p>	<p>Green Building Concepts</p> <ul style="list-style-type: none"> • Already DIET has existing open class room system near to civil department labs, it has to be developed further in various departments to create an awareness on Green building concepts. 	<ul style="list-style-type: none"> • Created awareness to students on energy efficiency, water efficiency and also waste reduction. 	



CERTIFICATE OF RECOGNITION

is hereby awarded to

**Dadi Institute of Engineering &
Technology**
Anakapalle, A.P, India

ON 25 DAY OF DECEMBER 2021

*In recognition of "Outstanding Performance" in Green Campus towards building a more sustainable
environment in educational institutions*

GREEN CAMPUS ASSESSMENT

Dr Rekhapalli Srinivasa Rao
DIRECTOR
REST PVT LTD,
VIJESWARAM, AP

K Kameswari
DIRECTOR
ENVIRONMENTAL PROTECTION SOCIETY,
KAKINADA, AP

Final ECO-SCORE ASSESSMENT

GREEN CAMPUS Eco-Score for DIET



ECO SCORE ON A SCALE OF 1 FOR VERY POOR TO 5 AN EXEMPLARY

S.NO	PARAMETER	ECO SCORE after implemented recommendations
1	Rain Water harvesting:	4
2	Terrace farming:	1
3	Neutralization Tank:	2
4	Zero Liquid discharge	3
5	Hazardous and e-waste management	4
6	Paperless office	3
7	Fire and safety provisions	4
8	Wealth from waste	3
9	Green Curriculum	3
10	Internal Revenue Generation	2
11	Ban on plastics	3
12	Environmental Education	2
13	Energy Efficiency	3
14	International Carbon Trade	3
15	Environmental Self Audit	1
16	Biogas Plant/Vermicompost	2
17	DG Set stack	1
18	Noise	3
19	Green building concepts	3
20	Biodiversity of campus	2
TOTAL ECO-SCORE		52
IDEAL ECO SCORE =20X5 = 100		

Eco-Score	Certification Level	Recognition
40-50	Certified	Best Practices
50-60	Silver	Outstanding Performance
60-70	Gold	National Excellence
>70	Platinum	Global Leadership

ISO CERTIFICATE

Certificate of Registration

This is to Certify that
Quality Management System of

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY
NH-16, ANAKAPALLE, VISAKHAPATNAM - 531002,
ANDHRA PRADESH, INDIA

has been assessed and found to conform to the requirements of
ISO 9001:2015
for the following scope :

IMPARTING TECHNICAL EDUCATION FOR UNDERGRADUATE,
POSTGRADUATE ENGINEERING AND POSTGRADUATE COMPUTER
APPLICATIONS AND BUSINESS MANAGEMENT COURSE

Certificate No	: 2210E40
Initial Registration Date	: 03/03/2022
Date of Expiry	: 02/03/2025
1st Surve. Due	: 03/02/2023
Issuance Date	: 03/03/2022
2nd Surve. Due	: 03/02/2024

Director

AQCC MIDDLE EAST LLC
Head Office: Office No. 02, Central Tower, Sharjah Media City, Sharjah, U.A.E. e-mail: info@aqcc.com.ae
Key Location: 1st Floor, 2, Swathi, Phase Periodic, 2018, India
*Validity of this certificate is subject to successful completion of surveillance audits as per schedule of the date. The surveillance audits are not subject to the notified date of registration of the certificate.
Certificate Validity: From the date of validity of registration as per the notified surveillance dates up to the notified date of registration of the certificate. The certificate is valid for 3 years and shall be renewed accordingly when required.

Certificate of Registration

This is to Certify that
Environmental Management System of

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY
NH-16, ANAKAPALLE, VISAKHAPATNAM - 531002,
ANDHRA PRADESH, INDIA

has been assessed and found to conform to the requirements of
ISO 14001:2015
for the following scope :

IMPARTING TECHNICAL EDUCATION FOR UNDERGRADUATE,
POSTGRADUATE ENGINEERING AND POSTGRADUATE COMPUTER
APPLICATIONS AND BUSINESS MANAGEMENT COURSE

Certificate No	: 221E4F3
Initial Registration Date	: 03/03/2022
Date of Expiry	: 02/03/2025
1st Surve. Due	: 03/02/2023
Issuance Date	: 03/03/2022
2nd Surve. Due	: 03/02/2024

Director

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Head Office: Office No. 02, Central Tower, Sharjah Media City, Sharjah, U.A.E. e-mail: info@aqcc.com.ae
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Certificate of Registration

This is to Certify that
Occupational Health & Safety Management System of

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY
NH-16, ANAKAPALLE, VISAKHAPATNAM - 531002,
ANDHRA PRADESH, INDIA

has been assessed and found to conform to the requirements of
ISO 45001:2018
for the following scope :

IMPARTING TECHNICAL EDUCATION FOR UNDERGRADUATE,
POSTGRADUATE ENGINEERING AND POSTGRADUATE COMPUTER
APPLICATIONS AND BUSINESS MANAGEMENT COURSE

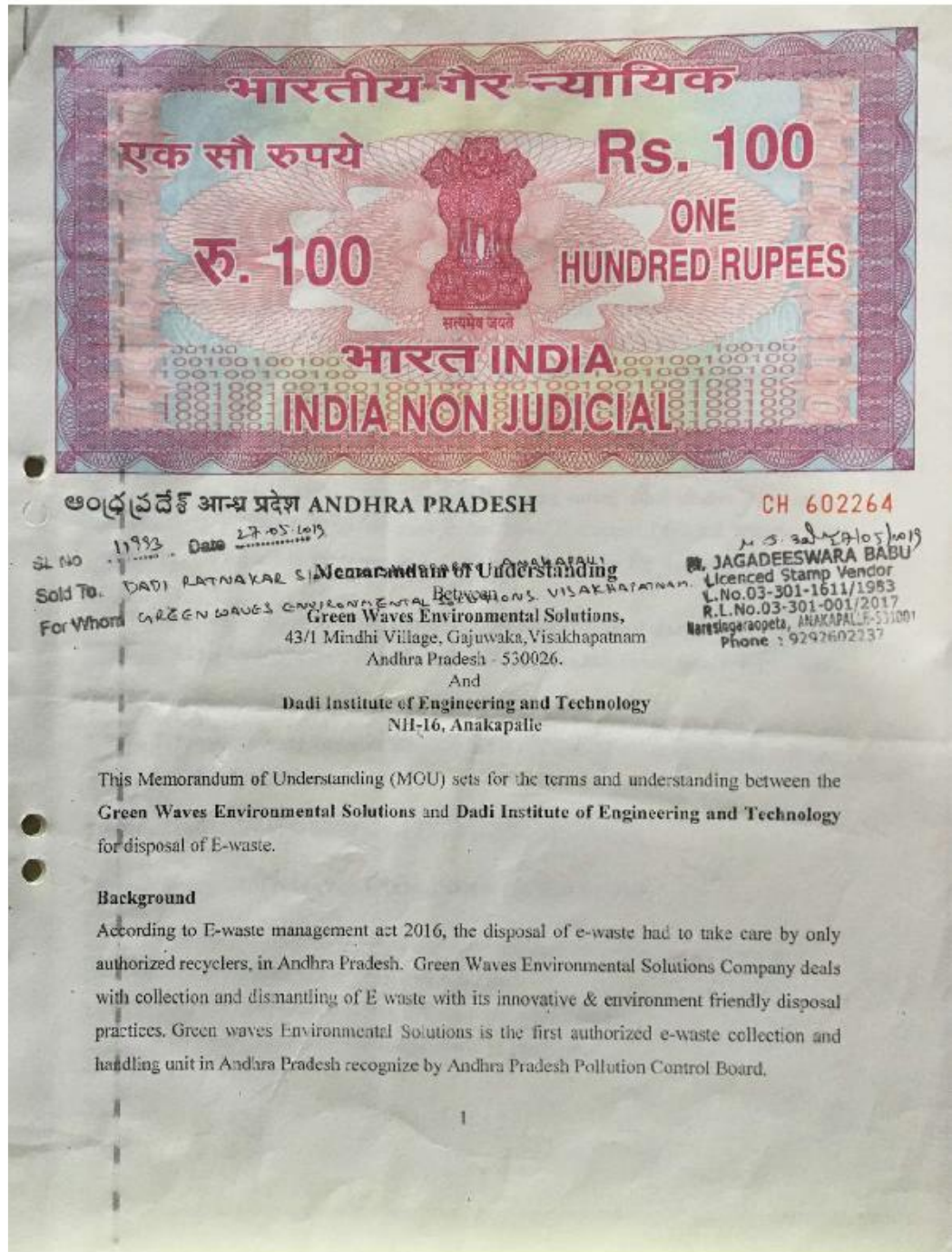
Certificate No	: 2210JH41
Initial Registration Date	: 03/03/2022
Date of Expiry	: 02/03/2025
1st Surve. Due	: 03/02/2023
Issuance Date	: 03/03/2022
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Diet Green Campus MOU

1.This Memorandum of understanding (MOU) Sets for the terms and understanding between the GREEN WAVES ENVIRONMENTAL SOLUTIONS and Dadi Institute of engineering and technology for disposal waste.



AWARDS

Dadi institute of engineering and technology achieved District Green championship award for the Academic year 2021-22 from Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, Ministry of Education, Government of India

