



# **NPR College of Engineering & Technology**

NPR Nagar, Natham, Dindigul - 624401, Tamil Nadu, India.  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.  
An ISO 9001:2015 Certified Institution.  
Phone No: 04544- 246 500, 246501, 246502.  
Website : [www.nprcolleges.org](http://www.nprcolleges.org), [www.nprcet.org](http://www.nprcet.org), Email:[nprcetprincipal@nprcolleges.org](mailto:nprcetprincipal@nprcolleges.org)



## **CRITERION7–INSTITUTIONAL VALUES AND BEST PRACTICES**

### **KEY INDICATOR 7.1 INSTITUTIONAL VALUES AND SOCIAL RESPONSIBILITIES**

**Metric No 7.1.6. Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives**

<b>Sl. No.</b>	<b>Content</b>	<b>Page No.</b>
1	GREEN AUDIT CERTIFICATE	2
2	ENVIRONMENT AUDIT CERTIFICATE	3
3	ENERGY AUDIT CERTIFICATE	4
4	JAL SHAKTI ABHIYAN AWARD	5
5	IGEN- LAUNCH THE GREEN PATCH 161 INITIATIVE AWARD	6
6	IGEN – IMPLEMENTATION OF CLEAN WATER AND SANITATION AWARD	7



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## GREEN AUDIT REPORT CERTIFICATE

### IGNITE ENGINEERING

#### COMPLIANCE VERIFICATION

This is to certify that

#### NPR COLLEGE OF ENGINEERING & TECHNOLOGY

NPR Nagar, Natham, Tamilnadu, India.

Has been assessed and found to be in accordance with the requirements of detailed below

### Green Audit

(Based on ISO 50001 : 2018 Standards)

Certificate Number: IE/GA/11351/12

Latest Issue: 14.11.2021

Valid Until: 13.11.2022

Validity of this certificate is subject to annual surveillance audit to be done successfully on or before 13.11.2022. In case if surveillance audit is not allowed to be conducted; this certificate shall be suspended/withdrawn.



*[Signature]*  
HEAD - QHSE



*[Signature]*  
FOR IGNITE ENGINEERING

IGNITE ENGINEERING

No. 28, Kuttiappa Nagar, S.Kodikulam, K.Pudur, Madurai – 625 007, Tamilnadu, India  
Certified Under American International Accreditation Organization (Certificate No: QMS2017359)



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## ENVIRONMENT AUDIT CERTIFICATE

### IGNITE ENGINEERING

#### COMPLIANCE VERIFICATION

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#### NPR COLLEGE OF ENGINEERING & TECHNOLOGY

NPR Nagar, Natham, Tamilnadu, India.

Has been assessed and found to be in accordance with the requirements of detailed below

### Environment Audit

(Based on ISO 50001 : 2018 Standards)

Certificate Number: IE/GA/11351/11

Latest Issue: 14.11.2021

Valid Until: 13.11.2022

Validity of this certificate is subject to annual surveillance audit to be done successfully on or before 13.11.2022. In case if surveillance audit is not allowed to be conducted; this certificate shall be suspended/withdrawn.



  
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## ENERGY AUDIT CERTIFICATE

### IGNITE ENGINEERING

#### COMPLIANCE VERIFICATION

This is to certify that

#### NPR COLLEGE OF ENGINEERING & TECHNOLOGY

NPR Nagar, Natham, Tamilnadu, India.

Has been assessed and found to be in accordance with the requirements of detailed below

### Energy Audit

( Based on ISO 50001 : 2018 Standards)

Certificate Number: IE/GA/09541/21

Latest Issue: 29.03.2021

Valid Until: 28.03.2024

Validity of this certificate is subject to annual surveillance audit to be done successfully on or before 28.03.2022 and 28.03.2023 respectively. In case if surveillance audit is not allowed to be conducted; this certificate shall be suspended/withdrawn.



  
HEAD - QHSE



  
FOR IGNITE ENGINEERING

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## **JAL SHAKTI ABHIYAN AWARD**





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## IGEN- LAUNCH THE GREEN PATCH 161 INITIATIVE AWARD



The Institution of Green Engineers

**Mr. G. Sundararajan**  
NPR College of Engineering & Technology, Dindigul

IGEN/GD21/C12

**IGEN GREEN DIARY 2021**

Contribution of UN SDG Goals: 13



**Launch the Green Patch 161 Initiative**

**Abstract:** A mature tree absorbs carbon dioxide at a rate of 48 pounds per year. In view, Launch the Green Patch 161 Initiative saplings were planted in our campus on 02/08/2019 in the presence of the famous Indian Cricketer Mr.RavichandranAshwin in memories of the highest best batting partnership of 161 runs of Dindigul Dragons cricket team in TNPL history in our NPRCET turf cricket ground. Our students staying in the hostel took the responsibility of watering those saplings thereafter, with interest and in turn march towards the awareness of planting trees for protecting the environment.

Bamboo potentially acts as a valuable sink for carbon storage and on an average, one hectare of bamboo absorbs about 17 tons of carbon per year. In connection with that, Bamboo trees were planted in our campus near our Mega Cafeteria. Every year on 5th June, World Environment Day is celebrated in our college. Environmental protection, Air pollution, Tree plantation are the regular topics discussed for creating awareness among students.

The students of third and final year doing projects are regularly encouraged to select topics in environmental domain to find solutions for the issues related to pollution, energy conservation and alternate materials for wood to avoid cutting trees for that purpose.

**Project Picture**





**Outcome of the Work**

- Created Energy Saving Awareness' with 325 members
- 130 houses successfully implemented 9mantras @ Home
- 2280 Unit saved/Annum towards 70 houses
- 4380 Unit Saved/Annum towards 60 houses
- 9676.8kg of CO2 Saved towards energy Saving



**Nominator**

**IGNITE Engg. & NPR College of Engg. & Technology**

**Green Contributor: SUNDARARAJAN** 

B.E., M.Tech., Ph.D.,  
Principal  
N.P.R. College of Engineering & Technology  
Natham, Dindigul (Dt) - 624 401.



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## IGEN – IMPLEMENTATION OF CLEAN WATER AND SANITATION AWARD



**The Institution of Green Engineers**

**Mr. S. Sathyamoorthi**  
NPR College of Engineering & Technology

IGEN/GD21/C17

**IGEN GREEN DIARY 2021**

*Contribution of UN SDG Goals: 6*



### Implementation of Clean water and Sanitation

**Abstract:** Adequate sanitation is maintained in our college campus by the regular practice of cleaning the toilets twice a day, proper drainage system, ever operating sewage treatment plant and water recycling plant. Awareness is given to all the students about sanitation and the ill-effects are clearly explained through the NSS and YRC of our college. Implementation of effective waste management system supports and facilitates sanitation. The waste water from the kitchen, dining halls of boys and girls hostel mess and canteen are recycled and used for watering the plants in the garden. Drip irrigation system is in implementation so as to conserve water and effective utilization in the garden area throughout the campus. Rain water harvesting is done effectively by collecting rain water from all buildings and storage is done in a small pond available very near to the college with the purpose of recharging the water bodies. Well and bore well recharging is also done in some specific locations inside the campus. Even though, our college is located in a dry area, due to these practices we did not suffer from scarcity of water till date. Mineral water plants are installed in the college and all the blocks are supplied with the hygienic water for drinking purpose. The ground water available in this locality itself is in par with the potable water and further recharging by rain water improves the quality somewhat even better.

#### Project Picture





#### Outcome of the Work

- Mineral water plants installed in the campus supply clean water for drinking
- Recycling of waste water enables resource for watering plants in the garden
- Water bodies are recharged by Rain Water Harvesting
- Proper maintenance of toilets, drainage system and sewage treatment provides sufficient sanitation
- Waste Management Systems implemented facilitates pollution free environment



#### Nominator

**Principal, NPR College of Engineering & Technology**  
**J. SUNDARAJAN**  
B.E., M.Tech., Ph.D.  
Principal  
N.P.R. College of Engineering & Technology  
Natham, Dindigul (Dt) - 624 401.

