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(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Perundurai, Erode - 638052, Tamil Nadu, India. Email: principal@nandhaengg.org Website: www.nandhaengg.org Phone: 04294-225585

7.1 Institutional Values and Social Responsibilities

7.1.5

Green campus initiatives

Dr.N.Rengarajan, B.Sc., B.Tech. M.E., Ph.D PRINCIPAL

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the Green Initiatives followed in the campus as listed below.

Green Campus Initiatives	
Restricted Entry of Automobiles	
Use of Bicycles/ Battery Powered Vehicles	
Pedestrian Friendly Pathways Ban on use of Plastics	
Landscaping with Trees and Plants	
	Restricted Entry of Automobiles Use of Bicycles/ Battery Powered Vehicles Pedestrian Friendly Pathways Ban on use of Plastics



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TREE PLANTATION CLUB

Planting trees is the ideal approach to support nature. It additionally helps other living species, including people, in many ways. Trees give us oxygen, food, shelter, and many more. They are natural air filters and noise safeguards. When trees are planted, the biodiversity of that area is improved. It improves the development of species and saves their depletion or extinction. The tree likewise gives products of the soil. The club create interest in tree planting and maintenance, gives exposure to the importance of conserving forest and improves student outdoor, recreational activities.

ACTIVITIES

- Tree planting around the village playground
- · Find the location of waste water and planting trees to utilizing the waste water
- Tree maintenance
- Awareness program about conserving rain forest
- Giving Saplings to public on their requirements.



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DISTRIBUTION OF SAPLINGS TO THE PUBLIC

On the eve of Former Indian President Dr.A.P.J. Addul Kalam birth day, Nandha Educational Institution has planned to distribute the Saplings to the public peoples in the Erode *District* on 15.10.2016. Thiru V.Shanmugan, Chairman of Nandha Educational Trust has inaugurated the event. In this programme the NSS volunteers of Nandha Engineering College has participated and distributed the sapling to the public people in Perundurai and Erode. More than 1000 Saplings was distributed in that event. The Secretary and Principal were motivated the students volunteers.



CLEANING OF CAMPUS AND TREE PLANTATION AT GOVT. HR. SEC. SCHOOL

The NSS unit of Nandha Engineering College conducted a cleaning and Tree plantation programme at Govt Hr.Sec.School, Vijayamangalam on 03.02.2018. In this programme, NSS volunteers were cleaned the school campus and planted the Trees in school campus. The Headmaster of the School has inaugurated the Tree plantation programme and he has motivated the students.

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Mr.S.Muruganantham, Programme Officer of NSS has guided the volunteers to clean and plant the trees in the school. Nearly 85 students were participated in that cleaning and tree plantation programme.



CLEANING AND TREE PLANTATION

The NSS unit of Nandha Engineering College conducted a cleaning and Tree plantation programme at surampatti near Erode on 16.02.2019. In this programme, NSS volunteers were cleaned the village area and planted 100 trees jointly with Siragukal Organization. The Secretary of Siragukal Organization has inaugurated the programme and he has motivated the students and explained the advantages of planting trees. Mr.Balakrishnan, member of the organization has given guidance to the students to planting and maintenance of the trees. The student volunteers were actively participated in this programme. Nearly 95 students were participated in that cleaning programme.

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Tree Plantation at Erode

Tree plantation activities were conducted by NSS unit of Nandha Engineering College at various places of Erode District on 24.02.2021. The student volunteers of NSS has actively participated and planted the trees in various location of Erode. The students were created awareness on tree plantation to public peoples. They have explained the benefits of tree plantation. Students gave the tips to planting and maintenance of the trees. In this activity student volunteers were planted 50 saplings. 28 student volunteers were actively participated in this tree plantation.



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GREEN CAMPUS AND ENVIRONMENT POLICY

Green Practice in Campus:

Institute's primary concern is about green practices for sustainable environment and inculcating empathy towards environment among students and staff. NEC has implemented digitization by promoting the usage of less quantity of paper in academic and administrative processes by effective waste management. Students are sensitized about green practices through the orientation programs, environmental studies class, poster competitions, practical assignments, celebrations like world Water day, Environmental day, etc.

The institute pays much attention on green practices by the following ways

- Restricted Entry of Automobiles
- Pedestrian friendly path ways
- Plastic free campus
- Paperless office
- Green landscaping with trees and plants
- Energy Conservation.

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Restricted Entry of Automobiles

- Faculty and students are advised to park their vehicles in the parking space provided for them and are not entertained to park on the roads in the campus.
- Faculty and students commuting by two wheelers are instructed to wear helmets to ensure safety.
- Security guards are allotted duties to ensure not to parking vehicles in no parking areas.
- Placards are being placed in no parking areas.
- The Management provides transport facilities to both faculty and students. It also supports the faculty and students to use public transport or their own vehicle.





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2. Pedestrian friendly roads

- ➤ NEC has taken special effort towards the construction and maintenance of the internal roads for pollution free campus.
- Faculty and the students are advised to use pedestrian friendly pathways for convenience and safety





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3. Plastic Free Campus

- Awareness program on Environment pollution and the effective ways to protect it is conducted by the students to the public.
- A'No Plastic' awareness campaign is conducted by NSS at NEC to share the hazards of indiscriminate use of plastic. Being conscious towards the environment, Institute instructs the students to minimize the use of plastic.
- Faculty and student volunteers frequently monitor the dinning hall, washing area, canteen and other common places to avoid the use of plastics.
- Students are advised to use paper plates, and jute bags.

Hazardous wastes are identified and disposed appropriately.

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PLASTIC AWARENESS

The NSS unit of Nandha Engineering College conducted a plastic awareness programme at various villagesof Erode District on 05.04.2021. In this programme, NSS volunteers were created awareness about the effects of using plastics. During that awareness programme the students were cleaned the village by removing the plastic materials. The student volunteers have created awarenesson plastics to the public peoples. Nearly 35 students and 10 peoples from the village were participated in that awareness programme.



The NSS unit of Nandha Engineering College conducted a plastic awareness programme at Thingalur village on 09.03.2019. During this program the student volunteers has removed the plastics in village area and given awareness on plastics. The students have insisted the public peoples to avoid the plastics in home and public areas. The effect of plastics also explained the public peoples with pamphlets. Cleaning of village and nearby area was carried out by the students and awareness was created to publics. 105 student volunteers were participated in this cleaning and awareness programme.



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Plastic awareness programme at Thingalur village on 09.03.2019.

The NSS unit of Nandha Engineering College conducted a cleaning and plastic awareness programme at Perumal Temple, Thingalur village on 05.08.2017. During this program the student volunteers has cleaned the Temple area and given awareness on plastics. The students have insisted the devotees to avoid the plastics in home and public areas. The effect of plastics also explained the devotees and public peoples. Cleaning of temple and nearby area was carried out by the students and awareness was created to the devotees. More than 120 student volunteers were participated in this cleaning and awareness programme.



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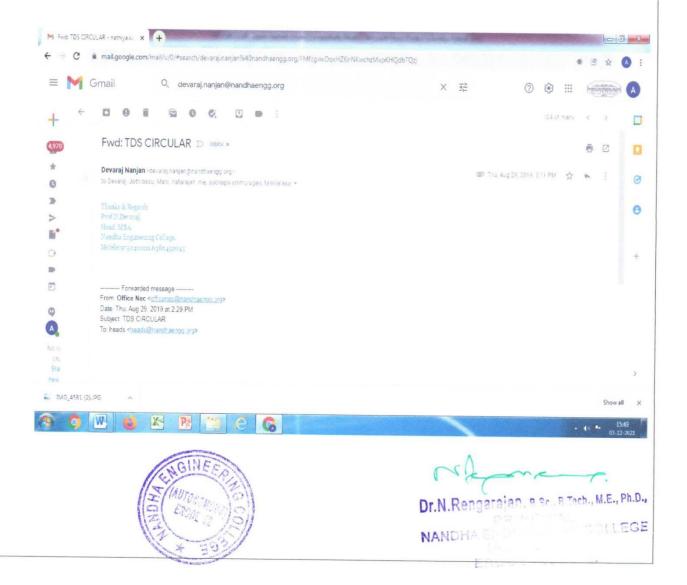
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4. Paperless Office

NEC supports the Government of India's Digital India Program, which aims to transform India into a digitally empowered nation. NEC believes in going digital in every possible way and reduces the use of papers in academic and administrative processes. Reuse of papers for writing and printing is recommended in all departments. E-Notice practice is being followed by departments to disseminate information. Reformation Software is in use for hall booking, addressing the issues etc.





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5. Green landscaping with Trees and Plants

- Much attention was paid not to cut down the trees in campus while constructing buildings. Most of the buildings are constructed without demolishing trees in the campus. Thus the campus holds more than 75% of green cover.
- Eco –landscaping is designed and maintained in such manner that it saves time, money and energy. It contributes in reducing air, soil and water pollution.
- College has organized various activities on green practices for the benefit of society.
 Education on Environmental science is a part of the program to create awareness among students on environment and sustainability.



BLOCK 3 ENTRANCE

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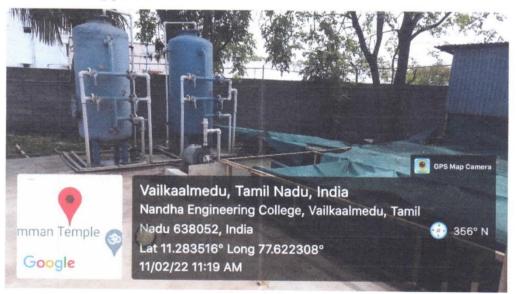
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6. Energy Conservation

- The campus is beautifully landscaped in a lush green stretch of land and is free from air and noise pollution.
- Guidelines are provided to the students and faculty in the campus regarding conservation of the environment and saving energy.
- Rule of turning off the computers when not in use and turning off all the electrical equipments before leaving the class room/ lab/ campus is adopted to save energy. Solar water heaters are used in the hostels. It is recommended to replace all the fluorescent lamps in the campus with LED lamps.

7. Waste water Recycling:

Recycled water from the canteen and other cooking areas in the campus is used for watering plants.





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Date: 09.02.2016

NEC/G.Cir/2015-16/01

Time: 11.00 AM

POLICY FOR PLASTIC BAN IN CAMPUS

- 1. To ban use of single use plastics in canteens, campus premises, hostels etc.
- 2. To mandate all the students/staff members to avoid bringing non-bio-degradable plastic items on the campus.
- 3. To avoid the use of plastic water bottles, bags and encourage use of alternative solutions like cloth bags, paper bags etc.,
- 4. To keep sign boards and various places to give wide publicity to ban the use of plastic polythene on the campus.

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