



# SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

Accredited by NBA (CSE, ECE & ME) & NAAC 'A' Grade  
Approved by AICTE, New Delhi & Affiliated to JNTUK Kakinada,  
An ISO 9001:2015 Certified Institute



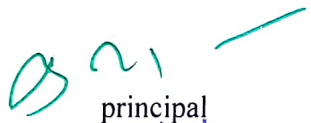
**Nandamuru, Pedana Mandal, Krishna Dist – 521369.**

**ACADEMIC YEAR 2022-2023**

## QUALITY AUDITS ON ENVIRONMENT

S.NO	NAME OF THE ACTIVITIES
1	Beyond The Campus Environmental Promotional
2	Clean And Green Inside The Campus
3	Green Audit

  
Coordinator

  
principal  
Principal  
Sri Vasavi Institute of  
Engineering & Technology  
- NANDAMURU



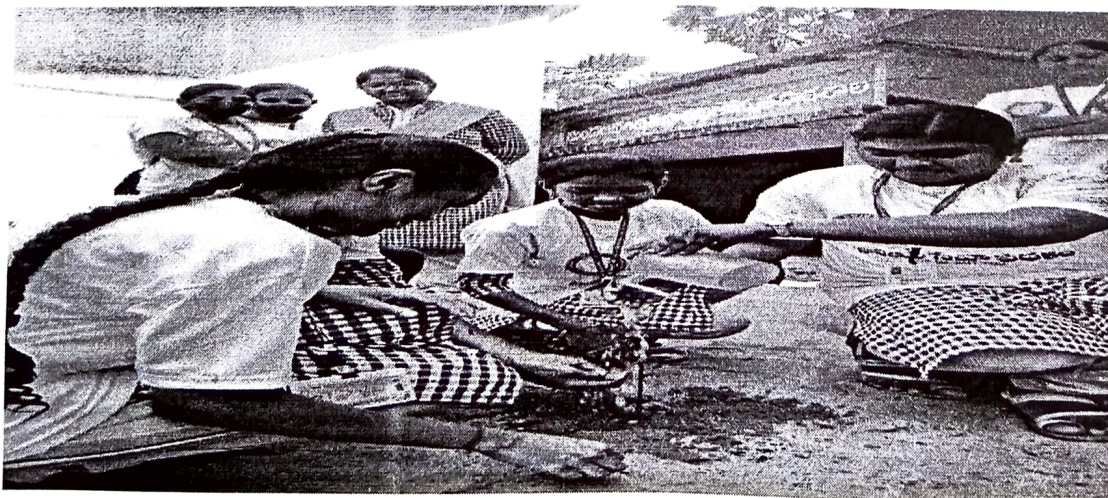
**Academic year 2022-2023**

**BEYOND THE CAMPUS ENVIRONMENTAL PROMOTIONAL ACTIVITIES  
PLANT TREES AND SAVE THE PLANET**

Trees play a vital role in balancing the climate and environment. planting samplings can remove approximately 2.6 tons of CO<sub>2</sub> /year. Trees help us to conflict against global warming by absorbing carbon dioxide and releasing oxygen back into the air. It maintaince the hydrological cycle, prevents soil erosion, cleanse air and water.

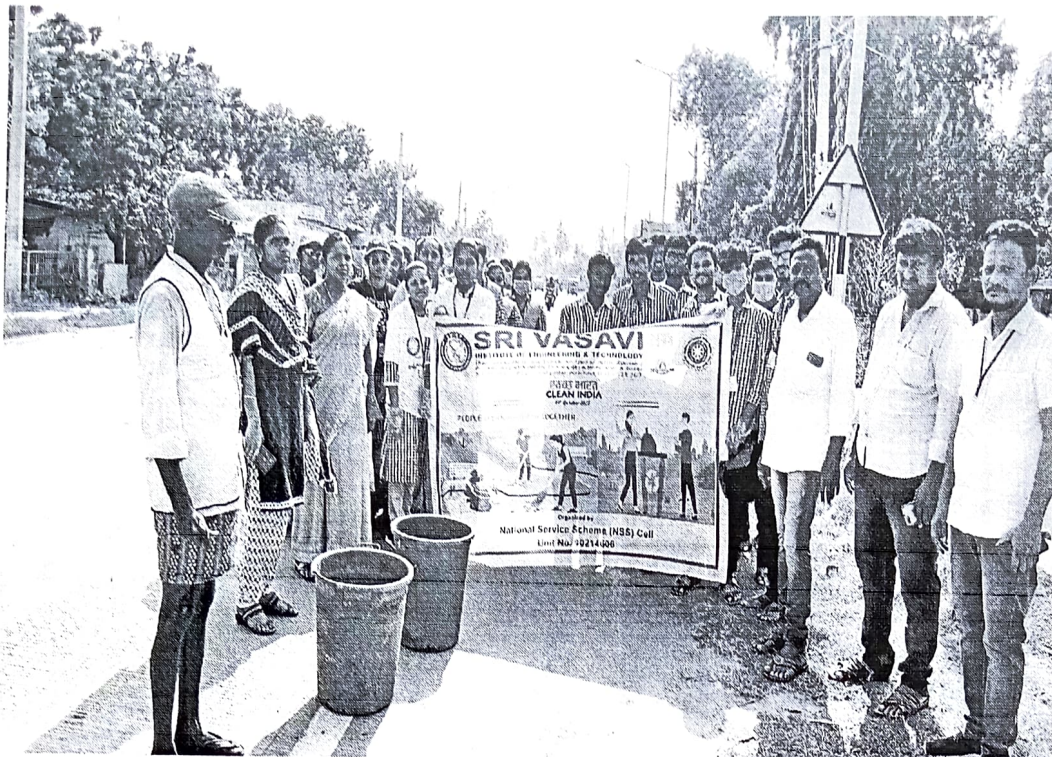


**SAPLING PLANTATION BY STUDENTS AT CHINA NANDAMURU VILLAGE**



**SAPLING PLANTATION BY GIRLS STUDENTS AT GOVERNMENTELEMETARYSCHOOL**





CLEAN INDIA PROGRAMME AT CHINNA NANDAMURU VILLAGE

  
Coordinator

**NSS Programme Officer**





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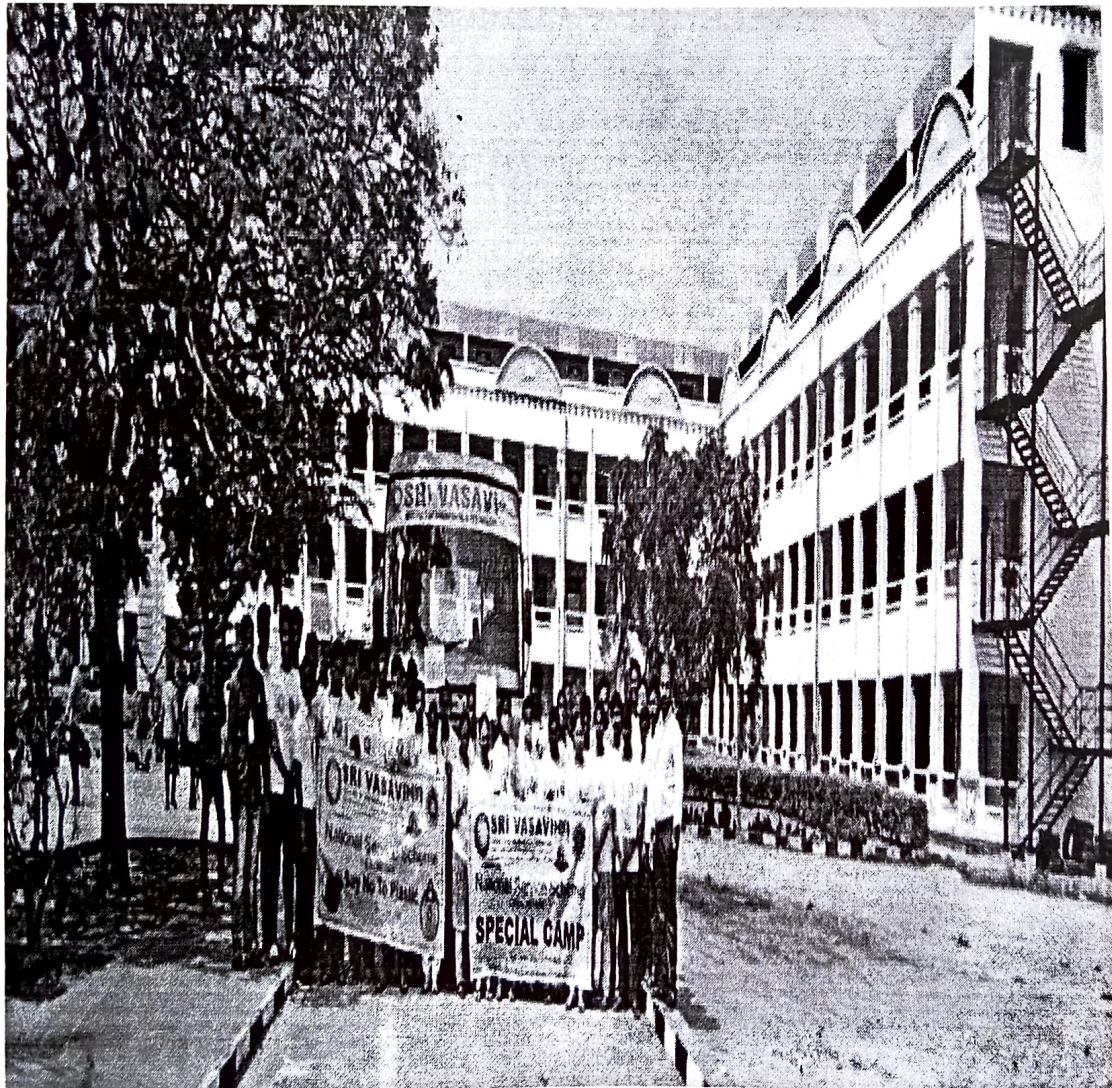
Nandamuru, Pedana mandal, Krishna Dist. — 521369



**Academic year 2022-2023**

## **BAN ON SINGLE – USE PLASTIC AWARENESS PROGRAMME**

Disposable plastics such as plastic straws, bags, coffee stirrers, food packing, soda and water bottles never break down completely. Instead, they degrade and become microplastics and continue to pollute the environment, in fact, which also causes severe emission issues or enters the environment as litter. The students and faculty members of Sri Vasavi Institute of Engineering and Technology jointly organized in near by villages on 12.3.2022 under Unnat Bharat Abhiyan “Ban on single –use plastic” initiative. outreach programs







AWARENESS PROGRAM ON SINGLE – USE PLASTICS 12.3.2022

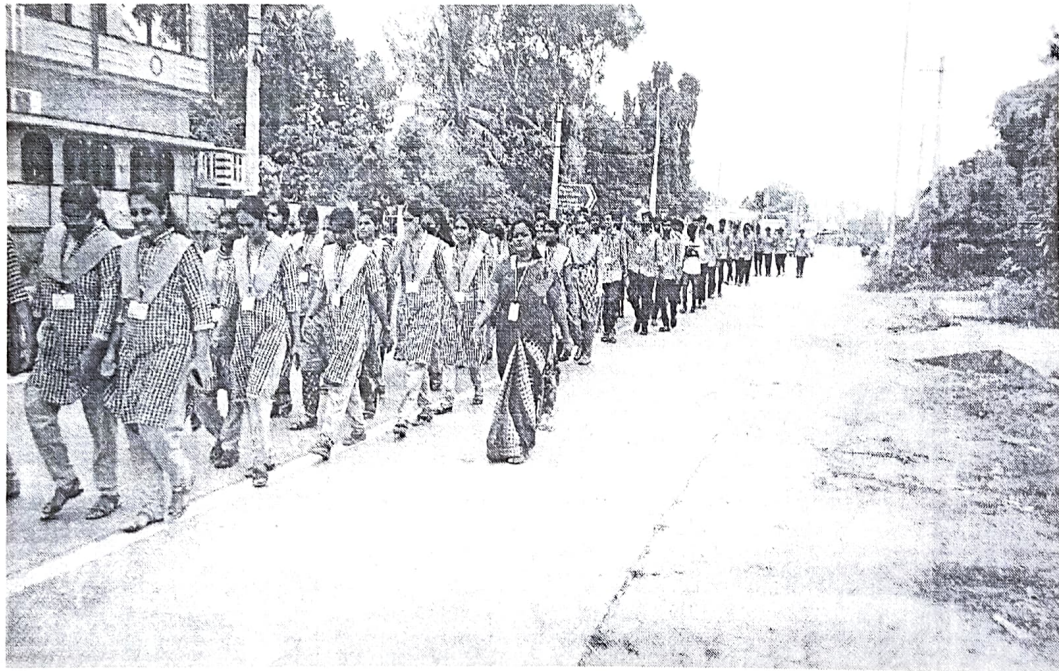
  
Coordinator

**NSS Programme Officer**



# NATIONAL UNITY DAY

National Unity day is observed in various countries to promote unity, harmony, and solidarity among citizens. It's a day to celebrate diversity and strengthen the bonds that hold a nation together. To raise awareness about National Unity Day, the students and faculty members of Sri Vasavi Institute of Engineering and Technology jointly organized an outreach program on 31.10.2022.



NATIONAL UNITY DAY RALLY BY SVIET ON 31.10.2022.

  
Coordinator

**NSS Programme Officer**

  
Principal  
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**Academic year 2022-2023**

## **CLEAN AND GREEN INSIDE THE CAMPUS**

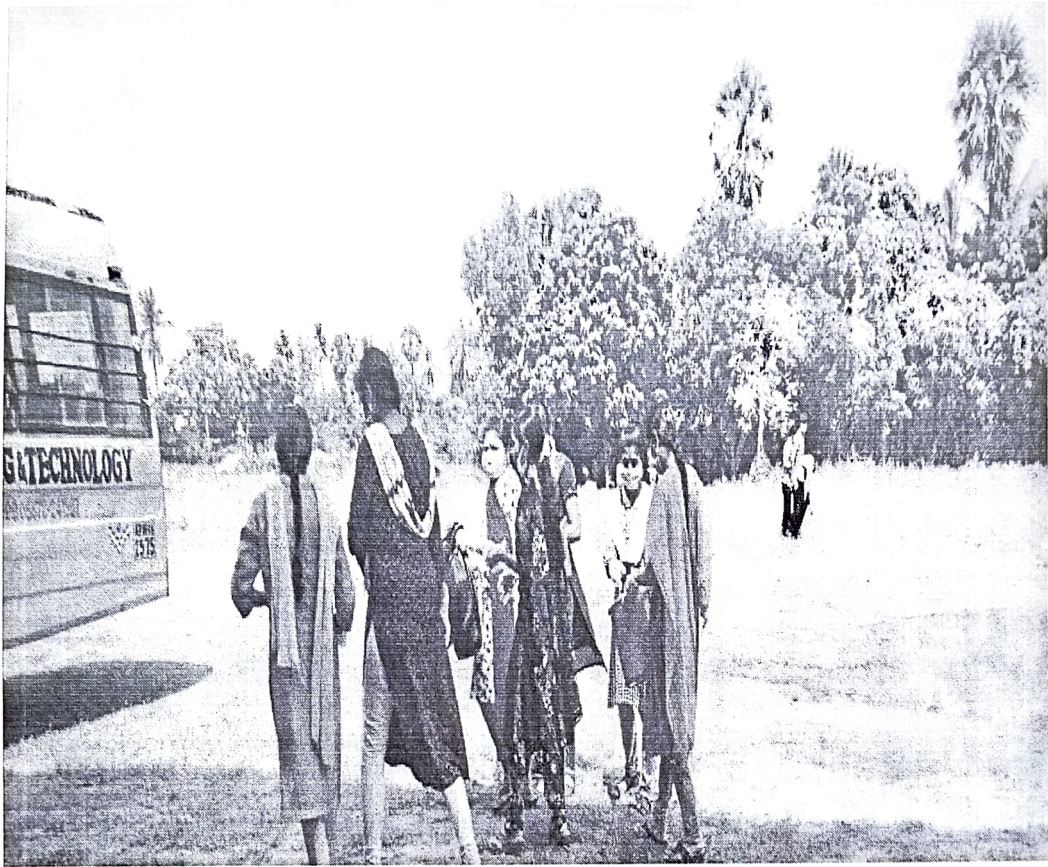
Our campus has made significant strides in promoting a clean and green environment within its premises. This initiative not only contributes to a more sustainable future but also creates a healthy and pleasant atmosphere for students, faculty, and visitors. This report highlights the key activities and of our clean and green campus program.

### **PROGRAM FOR CLEAN CAMPUS**



**CLEAN INDIA PROGRAM INSIDE THE CAMPUS**





CLEANING PROGRAM INSIDE THE CAMPUS BY GIRLS &BOYS STUDENTS





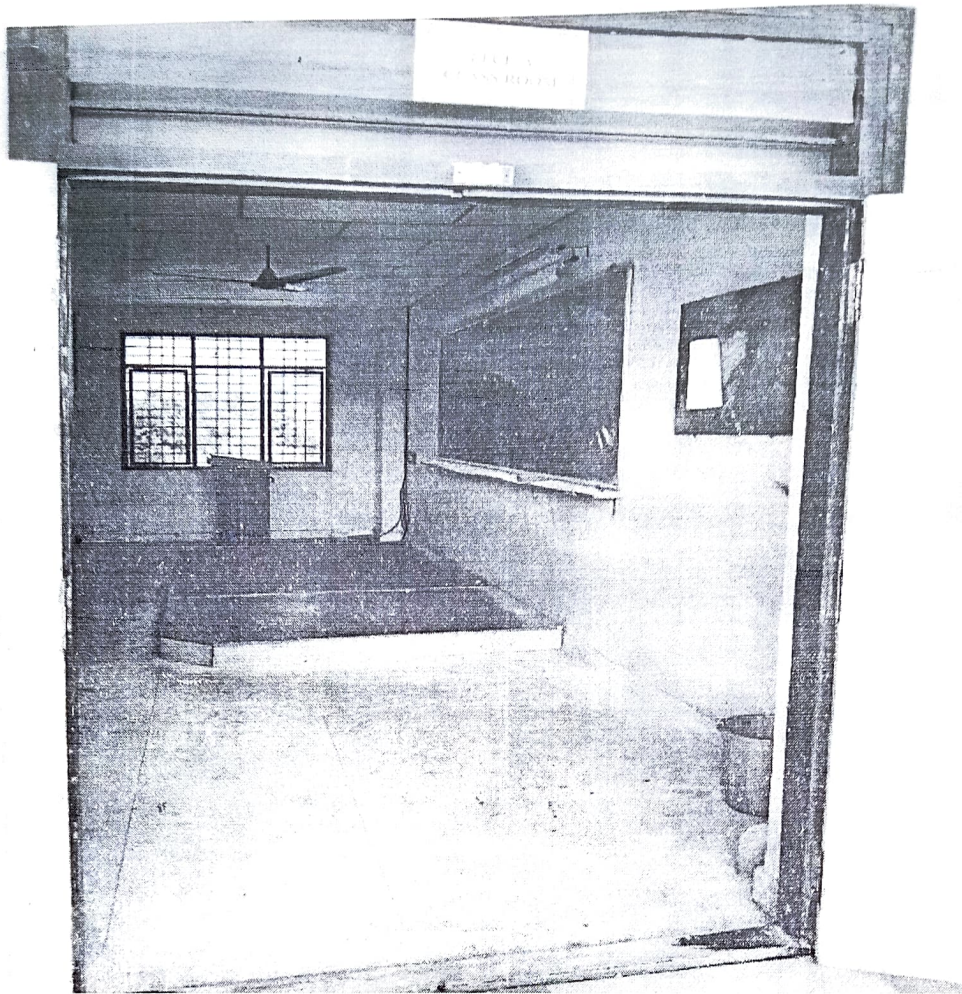


USING DUSTBINS INSIDE THE CAMPUS



USING DUSTBIN INSIDE THE CLASS ROOM





USING DUSTBIN INSIDE THE CLASS ROOM

  
Coordinator

**NSS Programme Officer**

  
principal

Principal,  
Sri Vasavi Institute of  
Engineering & Technology  
NANDAMURU



# CONSTRUCTION OF OPEN AIR DIAS BY USING WASTE PLASTIC BOTTLES INSIDE THE CAMPUS

The potential of reusing waste water bottles as a building material and an alternative to traditional bricks , in a way that can minimize waste and hence reduce ecological imbalance.



Figure 1: Soil

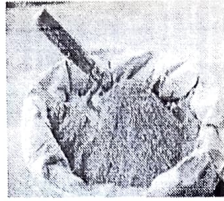


Figure 2: Cement

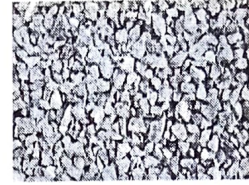
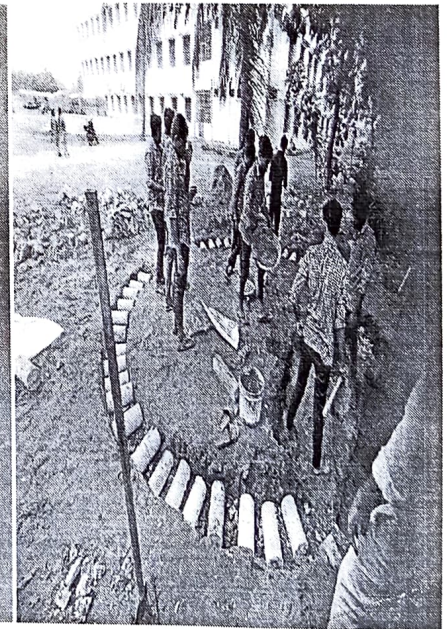


Figure 3: Coarse aggregate



Figure 4: Fine aggregate



CONSTRUCTION OF OPEN AIR DIAS BY USING WASTE WATER BOTTLES BY STUDENTS









— Empowering Mind

**Academic year 2022-2023**

**SAPLING PLANTATION BY MANAGEMENT INSIDE THE CAMPUS**



**SAPLING PLANTATION BY STUDENTS INSIDE THE CAMPUS**



A VIEW OF SVIET COLLEGE INSIDE THE CAMPUS



PLANTED THE TREES FOR GREEN CAMPUS

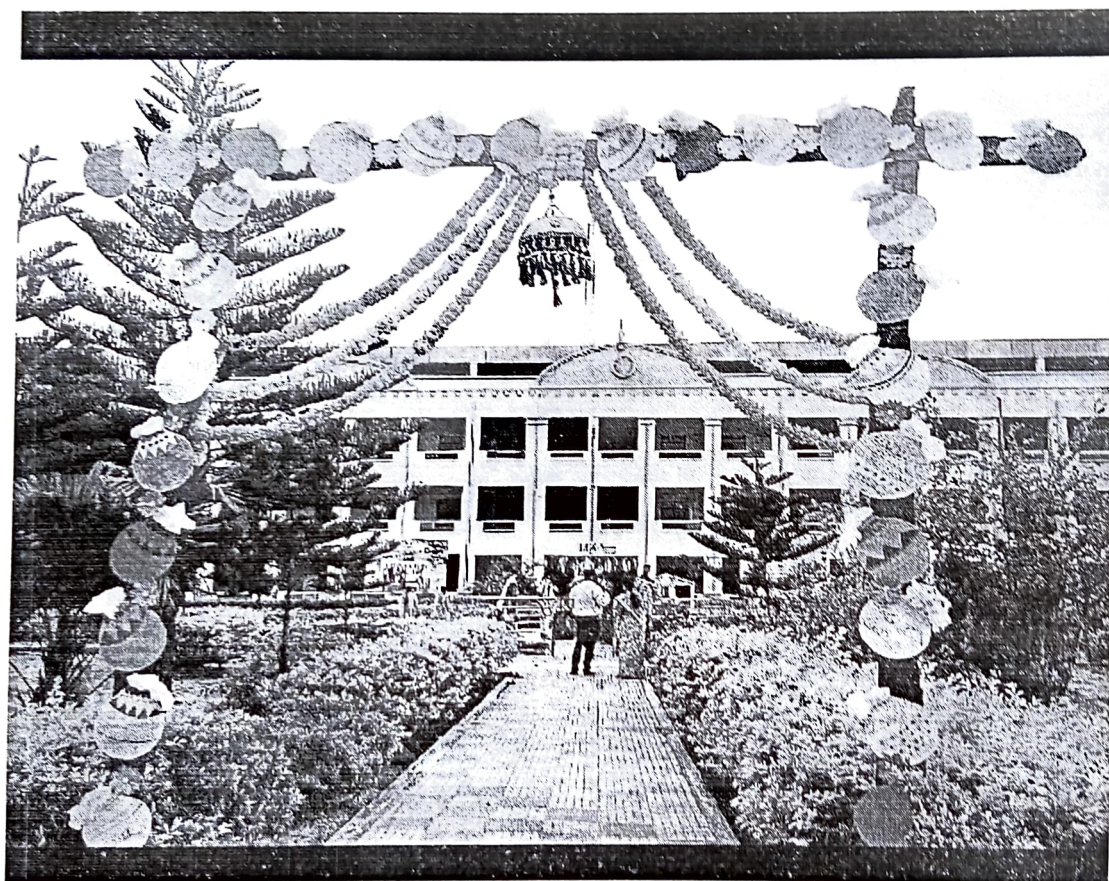


PLANTED THE TREES ALONG THE FOOT PATH INSIDE THE CAMPUS





PLANTED THE TREES INSIDE CAMPUS



GREEN ENVIRONMENT INSIDE THE CAMPUS

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## Academic year 2022-2023

### GREEN CAMPUS AUDIT

Green campus audit ensures the organization's campus should be greenish with large diversity of trees, herbs, shrubs, climbers, and lawns to reduce the environmental pollution and soil erosion it is also useful in relation to biodiversity conservation, landscape management, irrigation/economic water utilization and maintenance of natural topography and vegetation. the maintenance of an eco-friendly campus ensures a neat and clean environment for the benefit of stake holders ,solid waste management, recycling of water, disposal of sewage and waste materials(electronic and biomedical wastes)zero use of plastics ,etc. should be followed consistently in the organization campus.

Green campus audit procedures includes the definition of green audit, methodology on how to conduct green audit at educational institutions and industrial sectors as per the checklist of environment management systems and international standards ,Indian green building council, swachhbharath scheme under clean India mission to understand the principles and importance of various audits in the context of the organization and risk assessment at 360<sup>0</sup> views green campus audit helps the educational institutions/ industries to maintain eco-friendly environment, assures personal hygiene to various stakeholders and supports the nation; on the whole for the noble cause of environmental protection and nature conservation which in turn enhances the quality of life of all living beings.

### IMPORTANCE OF GREEN AUDITING

Green campus audit may be beneficial to the campus in improving the greenery activities which in turn useful to save the planet for future generation. Green campus audit is a kind of professional care and a simple indigenized system about the environment monitoring in terms of planting a huge number of trees which is a duty of each and every individual who are the part of economical, financial, social, and environmental factors. it is necessary to conduct green audit frequently at least once in three years in campus because students and staff members should aware of the green audit and its beneficial effects in order to save plants by means of 'Go green concept ' which in turn support the institution to set environmental models ('icon') for the community. green audit is a professional and useful measure for an organization to determine how and where they are retain the campus eco-friendly manner.



## List of flowering plants in the SVIET campus

S.no	Common name	Botanical name	Family	Habital
1	Neem tree	Azadiracta indica	Meliaceae	Tree
2	Coconut	Cocos nucifera L	Areaceae	Tree
3	Hibiscus	Hibiscus rosa-sinensis	Malvaceae	Shurb
4	Mango tree	Mangifera indica L	Anacardiaceae	Tree
5	Guava	Psidium gujava	Myrtsceae	Tree
6	Croton	Tradescantia spathacea	Commelinaceae	Herb
7	Indian gooseberry	Phyllanthus emblica	Phyllanthaceae	Tree
8	Arali	Nerium indicum mill	Apocyanaceae	Shurb
9	Frangipani	Plumeria obtuse L	Apocyanaceae	Tree
10	Scarlet jungle flame/idly poo	Ixora chinensis	Rubiaceae	Shurb
11	Vadanarayanan	Delonix elata	Caesalpiniaceae	Tree
12	Scotch grass	Cynodon dactylon	Poaceae	Herb
13	Sago palm	Cycas revoluta	Cycadaceae	Cycad
14	Black plum	Syzygium cumini	Myrtaceae	Tree
15	Garden croton	Codiaeum variegatum	Euphorbiaceae	Shurb
16	Oriental arbor-vitae	Platycladus orientalis L	Ccupressaceae	Shurb
17	Newzealand flax	Phormium tenax variegata	Asphodelaceae	Shurb
18	Queen sago palm	Cycas rumphii	Cycadaceae	Cycad
19	Golden dew drops	Golden mound duranta	Verbenaceae	Shurb
20	Ficus tree	Ficus benjamina	Moraceae	Tree
21	Palm lilly	Cordyline fruticosa	Asparagaceae	Shurb
22	Mauritius hemp	Furcraea foetida	Asparagaceae	Shurb
23	Jasmine	jasminum	Jasminaceae	Herb
24	Custard apple	Annona Reticulata	Annonaceae	Tree
25	Milk wood tree(or)devil's tree (or) blackboard tree	Alstonia Scholaries	Apocynaceae	Tree
26	Areca palm	Areca catechu	Arecaceae	Tree
27	Star jasmine	Trachelospermum jasminoides	Apocynaceae	Shurb
28	Drumstick tree	Morniga oleifera	Mornigaceae	Tree
29	Pomegranate	Punica granatum	Lythraceae	Shurb
30	Banana	Musa paradisiaca	Musaceae	Tree





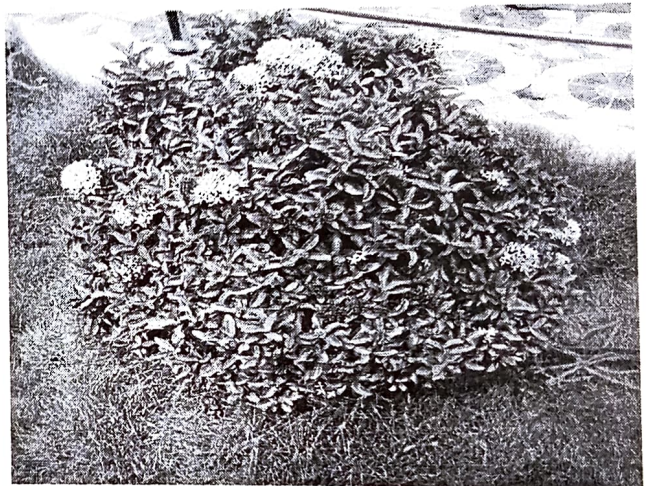
ORIENTAL ARBOR - VITAE



MANGIFERA INDICA L



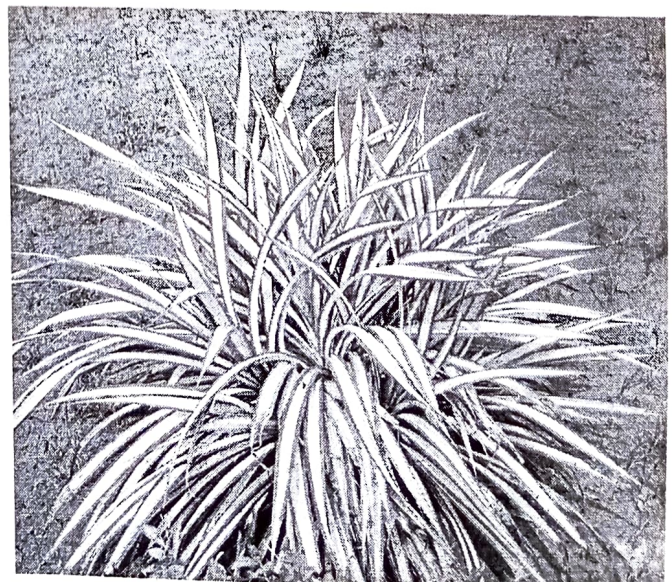
CODIAEUM VARIEGATUM



CHINESE IXORA



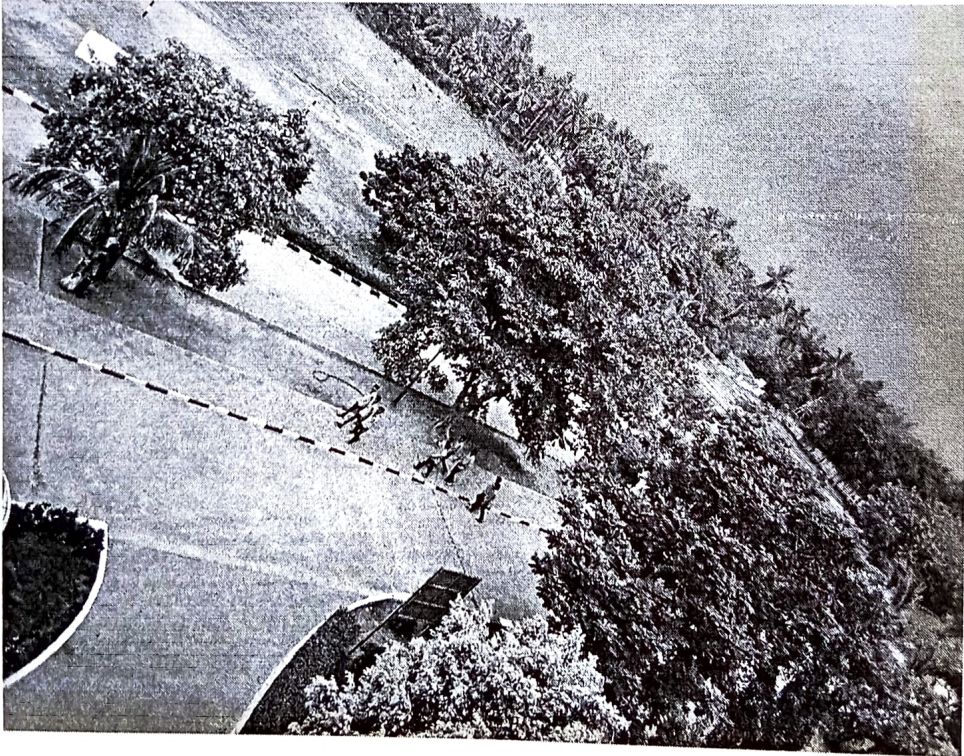
CARDYLINA FRUTICOSA



PHROMIUM COLENZOI



Oxygen releasing and carbon dioxide assimilating plants in the SVIET

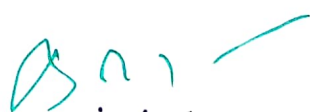




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