



SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

(An Autonomous Institution)
Kalavakkam – 603 110

OPERATIONS

11.1 Surplus and Reuse Programs

Submitted to

**The Sustainability Tracking, Assessment & Rating
System (STARS)**

11.1 Surplus and reuse programs

- URL providing an overview of the institution's reuse program if available (URL upload of the following data)

EMPLOYEES AND STUDENTS' DONATION PROGRAM

The NSS unit of SSN College of Engineering organized a reusable materials collection drive for Daan Utsav – Joy of Giving Week from October 3rd 2023 to October 5th 2023 in collaboration with the NGO GOONJ. The drive aimed to gather reusable items from students, staff, and faculty members to support those in need. Two officials from GOONJ were present to assist the NSS volunteers in collecting various items, including clothes, bedsheets, woollens, stationery, school bags, footwear, notebooks, reusable paper, study materials, furniture, and toys.

The event witnessed enthusiastic participation from the entire college community, with everyone eager to contribute to the cause. The spirit of giving was palpable as students and staff members brought in their reusable items with the hope of making a difference in the lives of the less fortunate. GOONJ also showed their appreciation by providing a return gift to all donors, adding a thoughtful touch to the event.

The collection drive was a resounding success, with a large amount of material gathered for distribution. After the collection, all items were carefully packed and transported to the GOONJ office, where they will be distributed to those in need. The initiative not only helped in providing resources to the underprivileged but also fostered a sense of social responsibility and community service among the participants.



COLLECTION DRIVE

JOY OF GIVING....

1. SCHOOL MATERIALS SUCH AS:

SCHOOL BAGS
WATER BOTTLES
BOOKS
ONE SIDE USED PAPER
DRAWING BOOKS
STATIONARY



2. PAPERS:

NEWSPAPER
MAGAZINES
NEWSLETTER
ENVELOPES

BE A MINDFUL GIVER:

1. MAKE SURE THE FOOTWEAR ARE IN PROPER CONDITION
TIED TOGETHER
2. ENSURE THAT THE STATIONARY ITEMS ARE PROPERLY BUNDLED.
3. LABEL AND PACK ALL ITEMS SEPARATELY

3. WOOLENS:

BLANKETS
QUILTS
SWEATERS
SHAWLS
JACKETS
BEDSHEETS

4. UTENSILS

(ALL KINDS)

5. FOOTWEARS:

OF ALL SIZE (LEFT AND RIGHT
SHOE TIED TOGETHER)

WE DO NOT ACCEPT


1. CLOTHES
2. DAMAGED, BROKEN SCHOOL MATERIALS
3. PERISHABLE ITEMS
4. MEDICINES
5. SHOES WITHOUT SOLE
6. DAMAGED UTENSILS

For queries contact:

Geetha - 6381297075

Yashvitha - 9345285277

Umaraj - 9843674759

 / NSSofSSN

CIRCULAR

SSN/CIR/FD/Staff & Students/2023/02

December 26, 2023

Sub: Single Use Plastic (SUP) Ban in the campus from January 1st, 2024

Ref: Letter from the Commissioner Technical Education, with reference

- Letter No: 045831/Y2/2023, dated 28.11.23.
- Letter No: T1/TNPCB/PWM/F. No. 015528, Dated 12.05.23
- Letter No: efile/A2/2023-1, Higher Education (A2) Department, Dated 15.06.2023

With reference to the Commissioner Technical Education letter cited in the attachment the colleges need to take necessary action to avoid plastics. So, in this regard, all the staff are requested to avoid plastic items such as carry bags, parcel covers, plastic cups, spoons, cutlery, plates, straws, stirrers, covers, food containers, thermocol plates, wax coated cups etc.

All are requested to avoid packaged water bottles for guests, events etc., and make use of RO systems installed in the campus.

We request everyone's cooperation in this regard and make our campus a plastic free zone.

Head Facilities



DEPARTMENT OF TECHNICAL EDUCATION

From The Commissioner of Technical Education, Directorate of Technical Education, Chennai – 600 025.	To The Principals of Government/ Government Aided, Self Financing Engineering , Polytechnic Colleges and Special Institutions.
--	---

Letter No. 045831/Y2/2023, Dated :28.11.2023

Sir/ Madam,

Sub:	Technical Education – Implementation of Single Use Plastic (SUP) ban in the campuses of all colleges – Regarding.	
Ref:	1.	From the Chairperson, Tamilnadu Pollution Control Board, Letter No. T1/TNPCB/PWM/F.No.015528/Special Task Force/2022, Dated 12.05.2023.
	2.	Govt. Letter No. efile/488/A2/2023-1, Higher Education (A2) Department , Dated : 15.06.2023

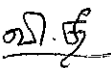
With reference to the Government letter cited above, in the minutes of the 2nd Meeting of Special Task force on implementation of ban Single use plastic under the chairmanship of Chief Secretary to Government, the following action points emerged.

- To have green messenger in each colleges
- To include college students for awareness activities

In this regard, the Principals are requested to take necessary action and send action taken report to socdcdote@yahoo.co.in. (A copy of the above Government letter with enclosures is attached herewith for necessary action)

Enclas above


28/11/2023
for Commissioner of Technical Education


28.11.23



TAMIL NADU POLLUTION CONTROL BOARD

From

Dr. Jayanthi M, I.F.S.,
Chairperson,
Tamil Nadu Pollution Control Board,
No. 76, Mount Salai, Guindy,
Chennai 600032

To

The Principal Secretary to Government,
Higher Education Department,
Chennai - 600 009

Lr. No. T1/TNPCB/PWM/F.No.015528/Special Task Force/2022 dated: 12.05.2023

Sir/Madam,

Sub: TNPCB – PWM – Special Task Force (STF) for monitoring the implementation of SUP ban – 2nd Meeting of STF held on 02.03.2023 – To furnish action taken report from Nodal Department – Regarding

Ref: 1. G.O. M/s. No. 25 Environmental Climate Change and Forest Department dated 07.02.2022

2. Govt. Lr. No. 2934/EC.2/2022-9 dated 29.03.2023 enclosing the minutes of the 2nd meeting of STF held on 02.03.2023 (copy enclosed)

I invite kind attention to the reference 1st cited, wherein the Government constituted a Special Task Force (STF) under the chairmanship of Chief Secretary for monitoring the implementation of plastic ban. In this regard, the second meeting of the STF was held on 02.03.2023 and the minutes of the meeting has been communicated vide reference 2nd cited for necessary action and report to the Government.

Hence, it is requested to furnish action taken report, based on the decisions taken during the Special Task Force meeting, to the Government with a copy marked to the TNPC Board please.

Encl: As above

Sd/xxxx
Chairperson

Copy Submitted to:

The Additional Chief Secretary to Government
Environment, Climate Change and Forest department,
Secretariat, Chennai – 600 009

For Chairperson

-1-

Minutes of the 2nd meeting Special Task Force on the implementation of Single-use plastic (SUP) ban held on 02.03.2023 under the chairmanship of Chief Secretary to Government

The Additional Chief Secretary to Government, Environment, Climate Change and Forest Department welcomed the Chief Secretary to Government and the members of the Special Task Force and briefed about the implementation of the single-use plastic ban in the State of Tamil Nadu.

The Additional Chief Secretary to Government, Environment, Climate Change and Forest Department made a presentation narrating the status of enforcement of single use plastic ban, Awareness for Meendum Manjappai campaign, Extended Producer Responsibility, Support and actions taken to Central Pollution Control Board's directions in Tamil Nadu State. Following points were detailed :-

- (a) Awareness and promotion of alternatives to prohibited Single Use Plastics items
- (b) Action taken against the violators (manufacturers and sellers) of banned Single Use Plastics.
- (c) Details on Special Enforcement raids conducted in the month of October, November and December, 2022
- (d) Prevention of illegal entry of banned items
- (e) Extended Producer Responsibility on plastic packaging and formation of Extended Producer Responsibility Cell
- (f) Study and Survey to make High court and Secretariat premises as Single Use Plastics free campus
- (g) Details on Eco Alternatives expo & start up conference, release of eco alternatives directory and the handbook on the expo.
- (h) The role and responsibilities of various line departments and action taken to support Single use plastic Ban.

As per the action points discussed during the previous State Task Force meeting held on 05.03.2022, the action taken by each department were discussed during the meeting and the following action points emerged on various roles and responsibilities for each nodal departments in addition to the actions which was discussed in the previous minutes.

- To have green messenger in each schools and colleges.
- To include school and college students for awareness activities.

(Action: School Education & Higher Education Department)

- All Urban Local Bodies offices and Panchayat offices to be made Single Use Plastics free campuses.

-2-

- All markets (Uzhavar Santhai) to be made Single Use Plastics free.

(Action: MAWS & RDPR Department)

- To have a management level position staff posted in managing the waste generated at hospital premises.
- Review of biomedical waste with Tamil Nadu Pollution Control Board and Health department.

(Action: Health and Family Welfare Department)

- No flex banners made of plastics to be used in the stadium and a clause in the agreement with contractors of events to not use plastics during events.
- Appoint green ambassador for awareness in Urban Local Bodies and the youth can spread awareness on use of eco alternatives.
- To involve National Service Scheme, National Cadet Corps, Scouts & guides for awareness related activities.

(Action: Youth Welfare & Sports Development Department)

- To strengthen the backward and forward linkages for Self Help groups and their eco alternative products.

(Action: Labour welfare & Skill Development Department)

- DIPR to provide more awareness on the programmes on social media continuously and at regular intervals.

(Action: Information & Public Relations Department)

- To develop market for Eco alternative manufacturers to export their products to other countries. To have higher margins for exports so that the products can be sold at reasonable prices in Tamil Nadu.
- Seizure of vehicles involved in cross border transport of Banned Single Use plastic.
- To check for Littering of Tamil Nadu State Marketing Corporation Limited bottles near tourists spots.

(Action: Home, Prohibition and Excise Department)

- To direct all District Collectors to have meetings with Hoteliers, eco alternatives manufacturers to develop linkages and promote eco alternative products.
- Training on Extended Producer Responsibility and Single Use Plastic Awareness for local bodies and Producers, Importers and Brand Owners.

67

-3-

- Awards for Best media coverage on Single use plastics.
- The Manjappai Express to include a coach showing the complete process of recycling of plastic.
- To select a model district to make it Single Use Plastic free.

(Action:TNPCB)

- No flex banners made of plastics to be used in the stadium, mall, Botanical Garden, tourist spots and common places.
- To incorporate a clause in the agreement with contractors to not use Single Use Plastic during events.

(Action: Common to all Departments)

After the detailed deliberations, the Chief Secretary to Government concluded the meeting with the following remarks:

- All the Secretaries of Departments shall support and promote use of eco alternatives.
- All District Collectorates shall be made Single Use Plastics free campus and the District Collectors shall constantly review the nodal departments on awareness and enforcement activities.
- Tamil Nadu Secretariat to be made Single Use Plastics free and the commercial shops to have tie ups with Self Help Groups for alternatives.
- All Departments to implement the action points discussed and update the status in a specified format.
- Traditional practices need to be followed to avoid the use of Single use plastics and the co-ordination of all Departments is required to achieve the same.

The list of officers who participated in the meeting is enclosed in the Annexure.

V. IRAI ANBU
CHIEF SECRETARY TO GOVERNMENT

// True Copy //

[Signature]
91/4/2023
SECTION OFFICER

[Signature]
14/4/23

-5-

ANNEXURE

2nd meeting Special Task Force on the implementation of Single-use Plastic (SUP) ban held on 02.03.2023 under the Chairmanship of Chief Secretary to Government.

LIST OF PARTICIPANTS

Sl.No.	Name and Designation Tvl / Tmt
1.	Shiv Das Meena IAS., Additional Chief Secretary to Government, Municipal Administration and Water Supply Department, Chennai-600 009.
2.	K. Phanindra Reddy, IAS Additional Chief Secretary to Government, Home, Prohibition and Excise Department, Chennai-600 009.
3.	Atulya Misra, IAS., Additional Chief Secretary to Government, Youth Welfare & Sports Development Department, Chennai-600 009.
4.	P. Amudha, IAS., Principal Secretary to Government, Rural Development and Panchayat Raj Department, Chennai-9
5.	Kakarla Usha, IAS., Principal Secretary to Government, School Education Department, Chennai-600 009.
6.	D. Mohan, IAS, Director, Information and Public Relations Department, Secretariat, Chennai - 09.
7.	Pooja Kulkarni, IAS., Special Secretary Industries, Investment Promotion & Commerce Department, Chennai-600 009

-6-

8.	Shilpa Prabakaran Health and Family Welfare Department, Chennai-600 009
9.	Representative Special Programme Implementation Department, Chennai-9
10.	Thiru.DeepakS.Bilgi, I.F.S., Director of Environment & Climate Change / Mission Director, Tamil Nadu Climate Change Mission
11.	Dr. Jayanthi, M. IFS., Chairperson, Tamil Nadu Pollution Control Board, Chennai-32
12.	R.Kannan, M.Tech., Member Secretary, Tamil Nadu Pollution Control Board, Chennai-32

// True Copy //

[Signature]
01/04/2023
Section Officer

[Signature]
17/4/23



**Higher Education (A2) Department,
Secretariat, Chennai-9.**

Letter No.efile/488/A2/2023-1, dated 15-06-2023

From
Thiru. S. Palanisamy, IAS,
Additional Secretary to Government.

To
The Commissioner,
Tamil Nadu Archives and Historical Research, Chennai - 8. (w.e.)
The Director of Technical Education, Chennai-25. (w.e.)
The Director of Collegiate Education, Chennai-15. (w.e.)
and all other Heads of the Departments under the aegis of
Higher Education Department. (w.e.)
The Registrars of all Universities under the aegis of
Higher Education Department. (w.e.)

Sir / Madam,

Sub: Tamil Nadu Pollution Control Board - Special Task Force (STF) for monitoring the implementation of Single-use plastic (SUP) ban - Minutes of the 2nd meeting of STF held on 02.03.2023 under the Chairmanship of the Chief Secretary to Government - Communicated - Action Taken Report - Called for - Regarding.

Ref: From the Chairperson, Tamil Nadu Pollution Control Board, Lr.No.T1/TNPCB/PWM/F.No.015528/Special Task Force/2022, dated 12.05.2023.

I am directed to enclose a copy of the reference cited along with the minutes of the 2nd meeting of Special Task Force on the implementation of Single-use Plastic (SUP) ban held on 02.03.2023 under the chairmanship of Chief Secretary to Government for necessary action.

2. In this regard, I am to request you to furnish the action taken report on the action points related to this department to Government, immediately.

Yours faithfully,

Signed by D. Rajasekar

Date: 22-06-2023 10:46:02

Reason: Approved

for Additional Secretary to Government.



**SRI SIVASUBRAMANIYA NADAR COLLEGE OF
ENGINEERING**

(An Autonomous Institution)
Kalavakkam – 603 110

OPERATIONS

11.2 Single-Use Disposable Plastics Program

Submitted to

**The Sustainability Tracking, Assessment & Rating
System (STARS)**

11.2 Single-Use Disposable Plastics Program

- Narrative providing an overview of the institution's composting program
- Narrative providing an overview of the institution's reusable container program

Use of glass water bottles during meetings and other gatherings:

To reduce plastic waste (packaged drinking water in plastic containers) and encourage sustainable materials, the college has replaced single-use plastic water bottles with glass water bottles during meetings and other gatherings.

This initiative not only reduces the amount of plastic waste generated but also promotes the use of reusable and recyclable materials.

The shift from plastic bottles to glass water bottles is a significant step towards reducing the campus's carbon footprint and promoting a culture of environmental consciousness and sustainability among students and staff members.

During Conferences and other events, it is made mandatory for the participants to bring their water bottles and use water dispensers. This is appreciated by many people who visit SSN

- Narrative with an overview of the institution's single-use disposable plastics program

With reference to the Commissioner Technical Education letter, the colleges need to take necessary action to avoid plastics. So, in this regard, At SSN Institute all the staff are requested to avoid plastic items such as carry bags, parcel covers, plastic cups, spoons, cutlery, plates, straws, stirrers, covers, food containers, thermocol plates, wax coated cups etc.

All are requested to avoid packaged water bottles for guests, events etc., and make use of RO systems installed in the campus.



SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

(An Autonomous Institution)
Kalavakkam – 603 110

OPERATIONS

11.3 Electronic Waste Management

Submitted to

**The Sustainability Tracking, Assessment & Rating
System (STARS)**

11.3 Electronic waste management

- Standard to which the institution's e-waste recycler is certified (E-waste certificate attached)

<chrome-extension://efaidnbmnnnibpcajpcgglefindmkaj/>

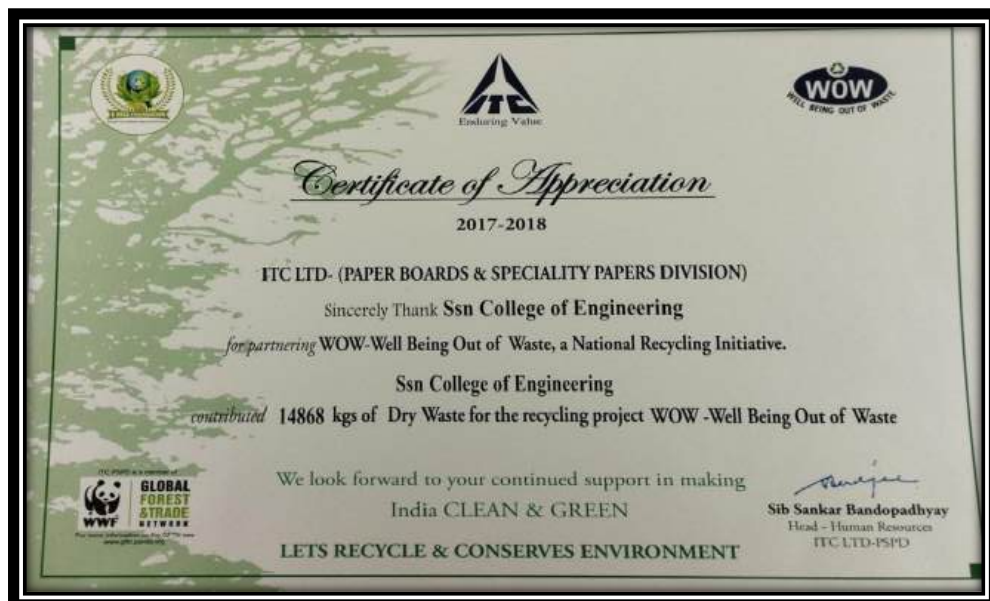
https://www.ssn.edu.in/wp-content/uploads/2024/02/7.1.3_waste-management.pdf

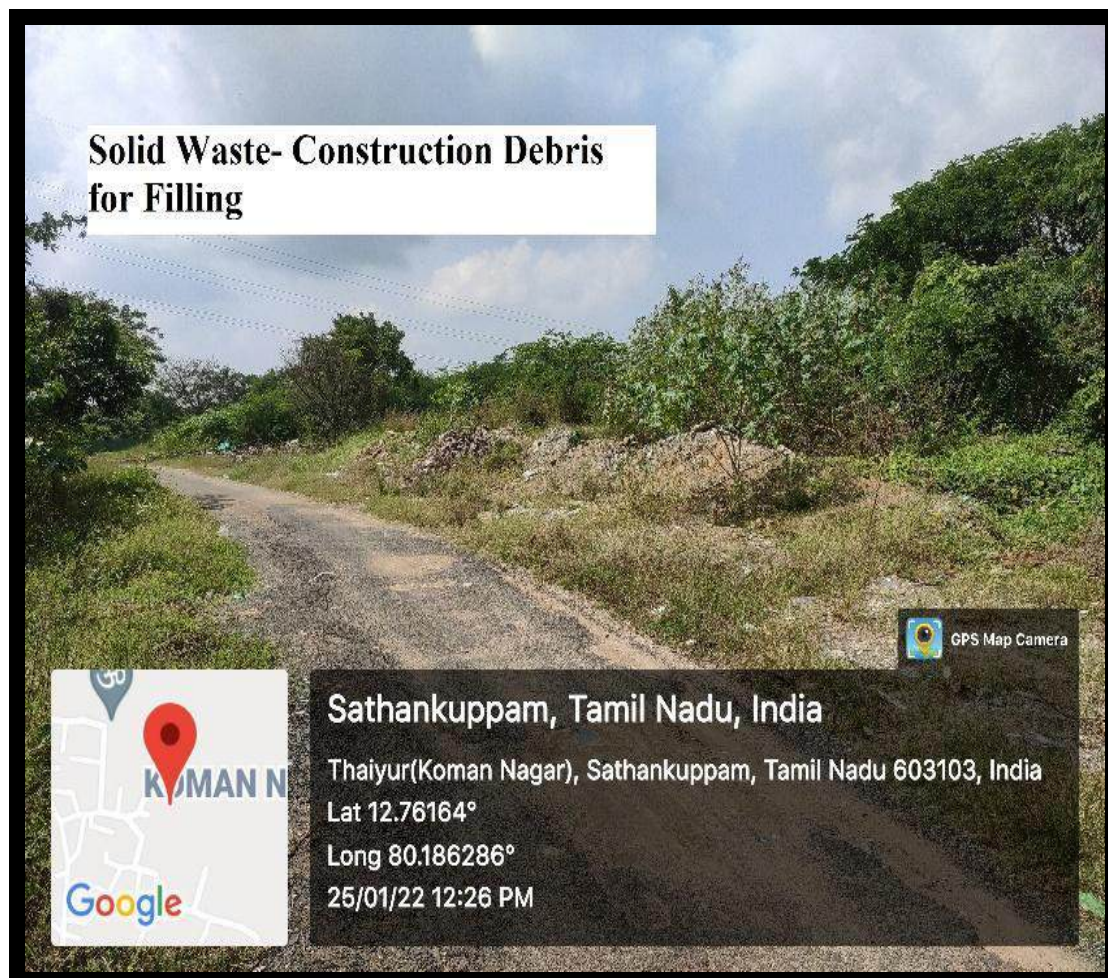
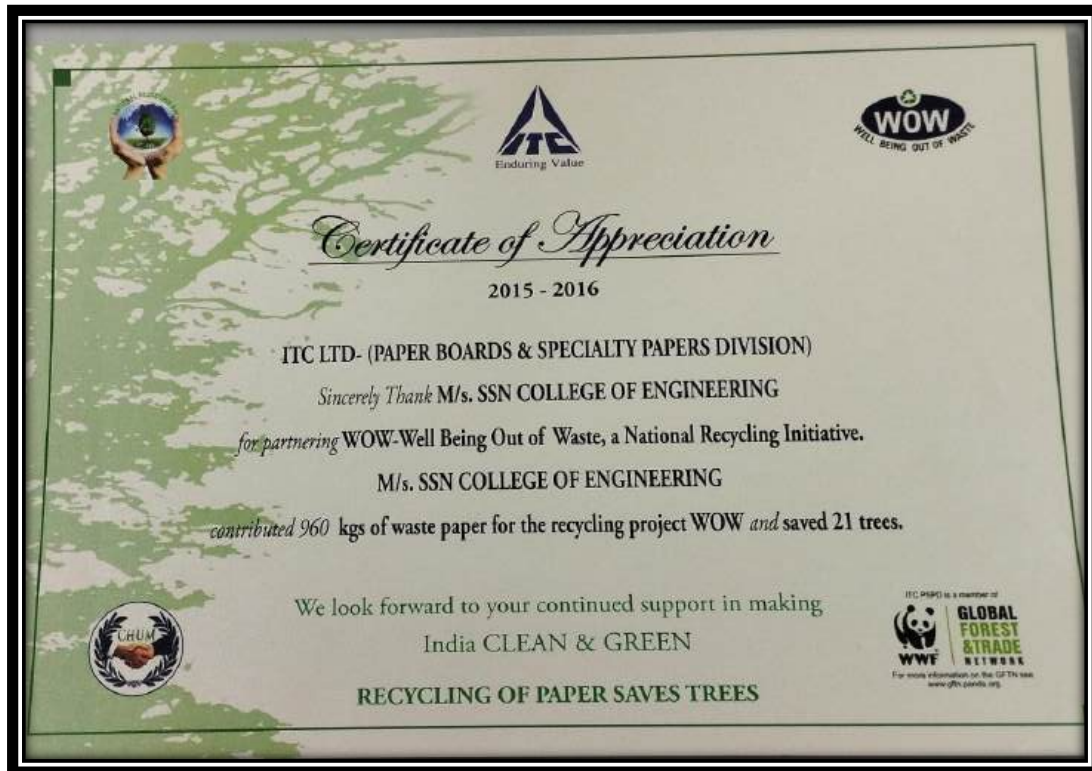
1. SOLID WASTE MANAGEMENT

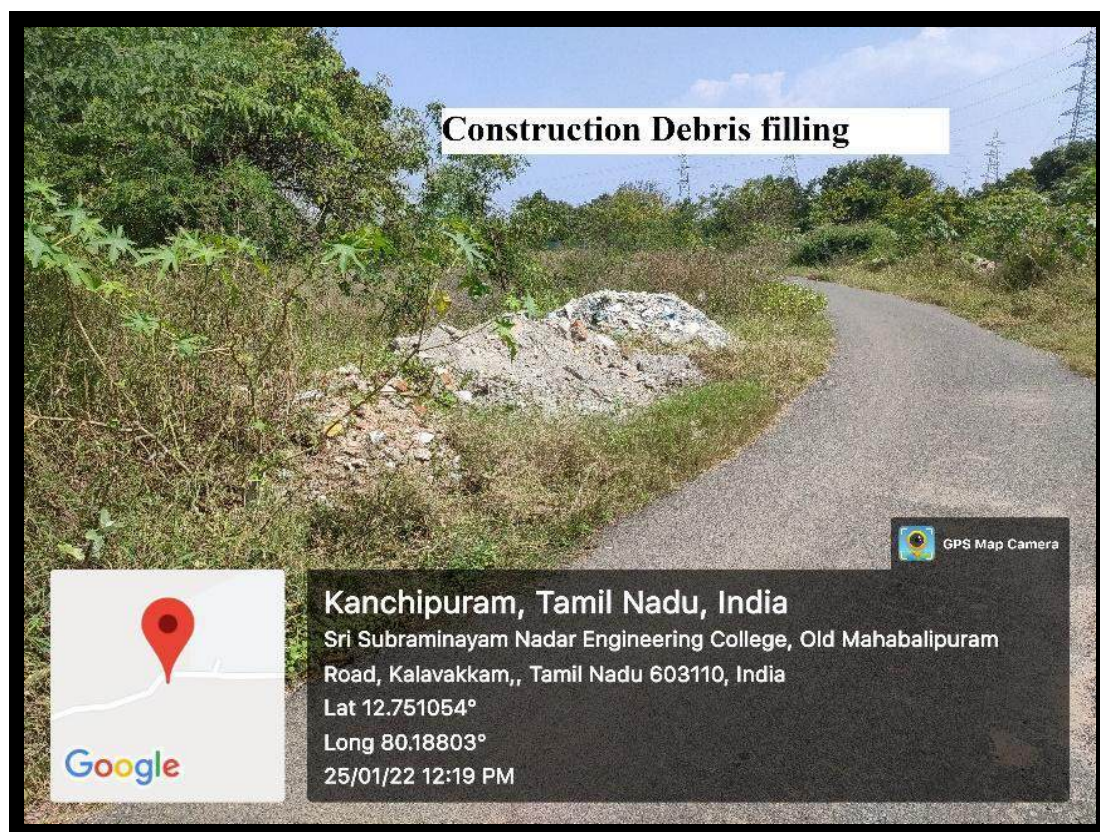
Solid waste is segregated as biodegradable and non-degradable and handed over to Thirupporur Town Panchayat as a part of Swachh Bharat initiative and Clean and Green Campus. All bio-degradable waste (food waste) fed to the Bio compost machine and reused for Gardening purpose. The use of plastic carry bags, cups and laminated paper plates are prohibited on the campus. Students and staff are advised to bring cloth bags. Workshops and awareness programmes were organized in the campus.

Solid waste management- Construction & Renovation related debris are collected and filled in sunken area like water stagnation. – approximately 146 metric tonnes of waste generated per year and 58 metric tonnes of waste per year was reused (i.e. around 40% of waste is reused.)









2. LIQUID WASTE MANAGEMENT

Students are made aware that conserving water is equivalent to conserving their future. Drinking water from the tap, and refilling bottles as often as the students need is one of the best practices followed at college. Sustainable liquid waste treatment is adopted in campus through bioremediation using microorganism metabolism which helps to minimize the chemical and biological load of domestic sewage and is good for gardening purposes. Disposal of used oils through authorized vendors.

3. BIOMEDICAL WASTE MANAGEMENT

In the college biomedical waste is produced in the labs where animals are used for research purposes. In general, the quantity of biomedical waste will be 5% to 10% of total waste generated from the campus. Though the amount of waste is a very negligible amount, the carcass of the animals is stored in the -20°C for the time being. After sufficient amounts of carcass are accumulated, College hands over to Thirupporur Town Panchayat for Biomedical waste management. Workshops on Bio Medical Waste Management Rules, procedures were conducted in the College.

Used Sanitary napkins, masks & gloves are disposed through incinerator.

4. E-WASTE MANAGEMENT

E-wastes are generated from computer laboratories, electronic labs, Physics Labs, Chemistry Lab, Biotech Labs, Academic and Administrative Offices. The e-waste includes out of order equipment or obsolete items like lab instruments, circuits, desktops, laptops and accessories, printer, charging and network cables, Wi-Fi devices, cartridges, sound systems, display units, UPS, Biometric Machine, scientific instruments etc. All these wastes are put to optimal use. All such equipment which cannot be reused or recycled is being disposed-off through authorized vendors. Instead of a new procurement Buy-Back option is preferred for technology up gradation. E Waste collected is stored and disposed-off annually. Students are also made aware of E-Waste issues and its safe disposal.

Disposal of unused electronic items such as monitors, CPU through authorized vendors. The institution's electronic trash, broken and non-usable hardware, is disposed of through e-waste vendors periodically. No hazardous chemicals are utilized, except a few that are disposed of properly after adequate dilution, and no radioactive waste is generated on the college campus.

	TRITECH SYSTEMS <small>E-Waste - Certified by Tamil Nadu Pollution Control Board</small>	
Registration No: E-Waste [TNPCB] Regn-B-199/F-40702/2014		
CERTIFICATE OF DESTRUCTION & DISMANTLING		
Certificate No.-366		
Name: SSN COLLEGE OF ENGINEERING, Address: RAJIV GANDHI SALAI (OMR), KALAVAKKAM, CHENGALPET- 603110.		
Material: E-Waste (Scrapped – CPUS (203 Nos.) - 610Kgs., MONITORS (309 Nos.) - 800Kgs., OTHERS (431 Nos.) - 2070Kgs., And Its Accessories)		
Quantity: 3480Kgs. (TOTAL NO OF QUANTITY – 943 NOS).		
This is to certify that the defective material collected from your premises on the date 07-11-2023 has been processed in accordance to all applicable local, State and Federal laws in an environmentally controlled way, eliminating waste to landfills.		
Reference: Form-6 No. 1697, DATE: 12-07-2023		
INVOICE No. TI -2023-24-00344, DATE: 07-11-2023		
Issue date:18-11-2023		
<small>ABDUL AZEED MOHAMMAD ABDULLA</small>	<small>Digitally signed by ABDUL AZEED MOHAMMAD ABDULLA Date: 2023.11.18 14:28:56 +05'30'</small>	
A Mohammad Abdulla Proprietor Tritech Systems 9003077866, 9444036557, 6383311445		
<small>55/AP 941, 66th Street, 11th Sector, K.K.Nagar, Chennai - 78. Mobile : 94440 36557, 94444 05810. e-mail : tr_abdulla@yahoo.com, abdulla@ewastetritech.com, reena@ewastetritech.com web : www.ewastetritech.com</small>		



TRITECH SYSTEMS
E-Waste - Certified by Tamilnadu Pollution Control Board



Registration No: E-waste[TNPCB] Regn-B-199/F-40702/2014

**CERTIFICATE OF
DESTRUCTION & DISMANTLING**

Certificate No-258

**Name: SSN TRUST,
Address: Rajiv Gandhi Salai (O M R),
Kalavakkam - 603110.**

**Material: E-waste (Scrap CPU - 171 Nos., Monitors - 206 Nos., and
Other Peripherals - 882 Nos.)**

Quantity: 2940 Kgs. (171 CPUS, 206 MONITORS, OTHER ITEMS - 882)

This is to certify that the defective material collected from your premises on the 05-05-2022 date, has been processed in accordance to all applicable local, State and Federal laws in an environmentally controlled way, eliminating waste to landfills.

Reference: Invoice No. SALES/01/SSNCE/2022-23

Date: 05-05-2022

Issue date: 21-06-2022

ABDUL AZEED
MOHAMMAD ABDULLA

Digitally signed by ABDUL AZEED
MOHAMMAD ABDULLA
Date: 2022.06.21 22:41:05 +05'30'



A Mohammad Abdulla

Proprietor

Tritech Systems

9003077866, 9444036557, 6383311445

55/AP 941, 66th Street, 11th Sector, K.K. Nagar, Chennai - 78. Mobile: 94440 36557, 94444 05910.
E-mail: trf_abdullah@yahoo.com, abdulla@ewastetritech.com, ramang@ewastetritech.com. vbsit: www.ewastetritech.com



TRITECH SYSTEMS
E-Waste - Certified by Tamilnadu Pollution Control Board



Registration No: E-waste[TNPCB] Regn-B-199/F-40702/2014

**CERTIFICATE OF
DESTRUCTION & DISMANTLING**

Certificate No-123

**Name: SSN COLLEGE OF ENGINEERING,
Address: #211/95, V M Street,
Mylapore, Chennai - 600004**

Material: E-waste (Scrap CPU, Monitors, Dotmatrix & Laser Printers and other peripherals)

Quantity: 1898 Kgs. (160 CPUS, 111 MONITORS, OTHER ITEMS - 137)

This is to certify that the defective material collected from your premises on the 04-12-2019 date, has been processed in accordance to all applicable local, State and Federal laws in an environmentally controlled way, eliminating waste to landfills.

Reference: Invoice no. SSN/SL/1920/019

Date: 03-12-2019

Issue date: 18-01-2020

For TRITECH SYSTEMS

A Mohammad Abdulla

Proprietor

Proprietor

Tritech Systems

9003077866, 9444036557

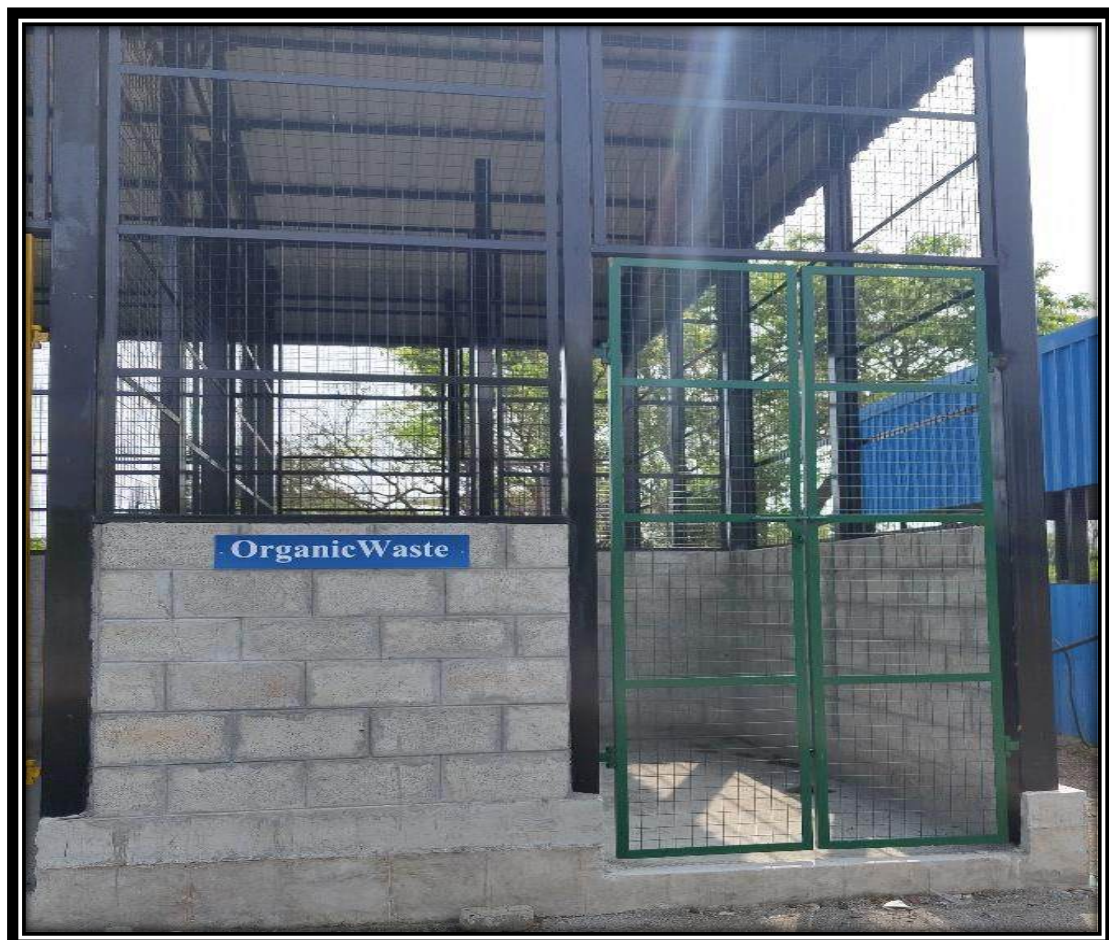
55/AP 941, 66th Street, 11th Sector, K.K. Nagar, Chennai - 78. Mobile: 94440 36557, 94444 05910, 90030 77866
E-mail: trf_abdullah@yahoo.com, abdulla@ewastetritech.com, ramang@ewastetritech.com. vbsit: www.ewastetritech.com

5. WASTE RECYCLING SYSTEM

Degradable solid waste collected from cafeteria, Boys and Girls Hostels, Guest Houses and from Residential Quarters are dumped in the Organic waste composter to make some Organic fertilizer which are used for Gardening.

Organic Waste Composter having 200kg/day compost generation and using for garden manure purpose. (Collecting food wastes, dry & wet leaves & recycling). The Organic Waste Compost Machine is installed at the backyard of our SSN campus near Cricket ground for manufacturing natural organic manure from the available wastes from the campus. The materials like vegetable wastes, paper wastes, lawn mowing wastes, dried leaves etc are collected and sent to the Compost machine periodically for preparing organic manure and the prepared manure is taken back and used at our campus for Landscaping purpose. The cycle is rotating daily, and more manure will be prepared in future and the same may be useful for various purposes.





6. HAZARDOUS CHEMICALS AND RADIOACTIVE WASTE MANAGEMENT

Campus is free from any kind of hazardous waste.

Four fundamental principles followed in the labs are -

1. Plan a head: Determine the potential hazards associated without an experiment before beginning.

2. Minimize exposure to chemicals: Do not allow laboratory chemicals to come in contact with skin. Use laboratory chemical hoods and other ventilation devices to prevent exposure to airborne substances whenever possible.

3. Do not underestimate hazards or risk: Assume that any mixture of chemicals will be more toxic than its most toxic component. Treat all new compounds and substances of unknown toxicity as toxic substances.

4. Be prepared for accident: Before beginning an experiment know what specific action to take in the event of accidentally releasing any hazardous substance. Post telephone number to call in an emergency or accident in a prominent location. Know the location of all safety equipment and the nearest fire alarm and telephone.

Be prepared to provide basic emergency treatment. Keep your co-workers informed of your activities so they can respond appropriately.

The chemicals from the Concerned departments are diluted with suitable neutralizing agent through HDPE pipeline after completing the experiments. The waste bins located around campus are coloured so that biodegradable and non-biodegradable waste can be placed in the appropriate bin. Solid waste on campus is separated into biodegradable and non-biodegradable plastics and metals, which are then sorted and sent for recycling. The college has an outsourced agreement with Day & Day in order to keep the campus clean and tidy. Restrooms are cleaned periodically in order to ensure a clean ambiance for the staff and students. In the student restroom, a sanitary napkin vending machine and a napkin disposal incinerator have been placed for the hygienic disposal of sanitary pads. On a regular basis, the corporation collects solid waste that cannot be recycled. An on-campus vermicomposting unit is part of the college's green environmental activities. Leaf litter collected

is turned into compost in the vermicomposting unit which is then utilised as an organic manure for campus plants. The vermicompost unit receives waste from the canteen and mess. The wastewater generated on campus is disposed of in the underground sewage system that uses drainage channels for the corporations' work.

The BME department generate biomedical waste, which is processed locally and incinerated before disposal. The institution has adopted E-Governance and most internal communication is circulated through emails. The use of single-sided paper for writing and printing is standard in all offices to reduce paper waste. The Controller of Examination's office disposes of the answer scripts by pulping and recycling them at the end of their preservation period. Single-use plastic is prohibited on campus, and only a small amount of plastic trash is generated. Steel utensils are used in the canteen and mess to reduce plastic and paper waste. Other non-biodegradable garbage is scrapped and delivered to agents for recycling.





WOW Enrolment / MOU

Having expressed willingness to join WOW – Well Being out of waste, A National Recycling Initiative by ITC Ltd – (Paperboards & Specialty Papers Division), whereas M/s Global waste Recyclers Limited renders operational logistics support to team WOW. It is our privilege to associate with you on this recycling project from May 2019

Name of the WOW Participant	SSN Institutions
Facility & Address	OMR, Kalavakkam, Chennai 603 110 Email ID : ganeshprasadk@ssn.edu.in
Contact Person details	Mr. Ganesh Prasad - GM
Contact person for waste pick up	Mr. Dilli Babu / Contact No. 99625 67818 Mr. Gopalan / Contact No. 91766 36298
Desired Pick up frequency	
Expected Quantity / month	
Agreed Value Payable	Rs. 12,250 PMT (for Old exam papers; Record books; Office records; Documents, Note & Text Books) Rs. 11,000 PMT (for Old Newspaper & Magazines) Rs. 10,000 PMT (Old Carton Box) (Condition: All Wastepaper must be a Dry fiber & Uncontaminated)
Desired Mode of Value payment (please choose)	Cheque / NEFT / Reams
Contact person from WOW team	Contact: Mr. G. Kudiyarasu (9944015467): Mr. S. Karthikeyan (8056551666) 044-28413401/02/03/04

Team WOW Guarantees / Assures:

1. Our associate team from M/s Global waste recyclers limited shall do periodical Pick up of wastepaper from your premises, duly weighing using electronic weighing scale.
2. Handing over collection challan mentioning quantity collected a basis document for Payments as above.
3. Collections & Payments shall be ensured by ITC's WOW associate M/s Global Waste Recyclers Limited.
4. Shall provide "Destruction Certificate" issued by ITC Ltd as a proof of destruction for all sensitive documents/papers given strictly on case to case & as and when sought basis.
5. ITC Ltd (PSPD) shall issue annual "Recycling" certificate for the quantum of waste paper you have enabled us to recycle mentioning Environment benefit you supported.
6. All the wastepaper given by a WOW client gets 100% recycled at ITC's own Paper/Paperboard Mill facility located at Coimbatore (Tamilnadu) & A.P State.

SSN Institutions to ensure that 'wastepaper' is given on scheduled collection day & not delay the Vehicle/Team unnecessarily causing severe cost burden on WOW project.

Mail Id: itcwowkudiyarasu@gmail.com



AGREED & ACCEPTED

VE

ANNAMALAI

Digitally signed by

VE ANNAMALAI

Date: 2024.02.21

15:59:40 +05'30'

ITC Limited

PAPERBOARDS & SPECIALTY PAPERS DIVISION

6-E, Century Plaza, 560 Anna Salai, Teynampet, Chennai - 600 018.

Tel : 91-44-2434 5471 / 5571 / 9095 / 9158

CIN: L16005WB1910PLC001985

WOW Help Line : 99440 15467



An ITC Initiative

Certificate of Appreciation

ITC Limited - Paperboards & Specialty Papers Division

Sincerely Thank

SSN COLLEGE OF ENGINEERING - KALAVAKKAM

For partnering with WOW - Wellbeing Out of Waste, a Nationwide Recycling Initiative of
ITC and Contributing 7052 Kgs of dry recyclable waste for recycling during FY 2021 - 2022

We look forward to your continued support in making India

SWACHH & GREEN

RECYCLE MORE & PROTECT ENVIRONMENT

Sib Sankar Bandyopadhyay
Executive Vice President - HR & CSR
ITC Limited

Paperboards & Specialty Papers Division



An ITC Initiative

Certificate of Appreciation

ITC Limited - Paperboards & Specialty Papers Division

Sincerely Thank

SSN COLLEGE OF ENGINEERING - KALAVAKKAM

For partnering with WOW-Wellbeing Out of Waste, a Nationwide Recycling Initiative of
ITC and Contributing **8962** Kgs of dry recyclable waste for recycling during FY 2022 - 2023

We look forward to your continued support in making India

SWACHH & GREEN

RECYCLE MORE & PROTECT ENVIRONMENT

Sib Sankar Bandyopadhyay
Executive Vice President - HR & CSR
ITC Limited
Paperboards & Specialty Papers Division

E-waste Management

We are following the method of the disposal of unwanted electronic gadgets. The major everyday electronic products like computer, Printers, peripherals, air conditioners, etc. & a proper methodology should be followed to control the pollution caused by e-waste product.

Sale order No.	Order Date	Vendor Name	Descritpion	Amount
SALES/01/SSNCE/2022-23	05-05-2022	Tritech Sytems	Sale of E -waste (Old Printes)	120393
SALES/02/SSNCE/2022-23	31-05-2022	Sri Sastha Batteries	Sale of E -waste (Old Batteries)	400860
SALES/03/SSNCE/2022-23	25-07-2022	Sri Vigneshwara Trading & Co.	Sale of E -waste (Old Batteries)	719004
SALES/04/SSNCE/2022-23	25-07-2022	SS Aircon	Sale of E -waste (AC Units)	47200
SALES/05/SSNCE/2022-23	12-08-2022	Natural Power Services	Sale of E -waste (DG set batteries)	3000
SALES/06/SSNCE/2022-23	26-08-2022	Natural Power Services	Sale of E -waste (DG set batteries)	1500
SALES/01/SSNCE/2023-24	11-05-2023	Pentagon El-Mech Solutions (South) Pvt. Ltd.	Sale of Duct Split AC - 2 Nos. (11Tr 5.5 Tr)	20886
SALES/02/SSNCE/2023-24	12-07-2023	Tritech Systems	Sale of E-waste (CISCO H/W)	160150
SALES/03/SSNCE/2023-24	12-07-2023	Orisenc Technologies	Sale of Old Network Switches	11800
SALES/04/SSNCE/2023-24	14-08-2023	Commnet Systems Consultancy Pvt. Ltd.	Sale of Old 1 TB HDD	33040
SALES/06/SSNCE/2023-24	12-12-2023	B Mas Marketing India Pvt. Ltd.	Sale of Old Batteries From Vehicle no. TN19C0767 & TN19F6673	33040
SALES/07/SSNCE/2023-24	18-12-2023	B Mas Marketing India Pvt. Ltd.	12V, 200Ah, Quanta SMF Batteries	250160
SALES/08/SSNCE/2023-24	10-01-2024	Livees Power System Pvt. Ltd.	Sale of Old batteries 12v 40Ah, Tubular	35000
SALES/09/SSNCE/2023-24	10-01-2024	Soundary Power Systems	Sale of Old batteries 10 KVA existing UPS Faulty	2000
SALES/10/SSNCE/2023-24	10-01-2024	Soundary Power Systems	Sale of Old batteries 3 KVA existing UPS Faulty	2001

SALES/01/SSNCE/2024-25	01-04-2024	B Mas Markting India Pvt. Ltd.	Sale of existing old batteries on buyback scheme - of Truck battery - 12V, XP1500, Exide	7552
SALES/03/SSNCE/2024-25	12-06-2024	ABT Maruthi	Sale of Old Omni van MT 2016 Model TN 06 S 6450 (Buyback of New Car) Ref: DPO202JUN24/00007	135000
SALES/04/SSNCE/2024-25	25-06-2024	Rana Industrial Gases & Products	Sale of Old gas cylinder (47 ltr. capacity)	6000
SLAES/05/SSNCE/2024-25	10-07-2024	Trust Power Marketing	Sale of Old UPS Batteries available at SSN Trust	20060
SALES/06/SSNCE/2024-25	06-08-2024	Tritech Systems	Sale of E-Waste	234612