



Effective Waste Disposal

Techno International New Town (TINT) is dedicated to **promoting a green planet** through its effective waste disposal practices. **Committed to sustainability**, TINT has implemented comprehensive strategies for managing solid, liquid and e-wastes.

These measures include recycling paper, plastic, and e-waste, composting organic matter, and safely disposing of chemical waste. By fostering a **culture of environmental responsibility** among students and staff, TINT not only **minimizes its ecological footprint** but also sets a benchmark for **eco-friendly practices** in educational institutions.

TINT stands steadfast in its unwavering **commitment to a cleaner, greener future**.

Here's a quick glance at the effective waste disposal practices at TINT:

- ❖ **Solid Waste Management**
- ❖ **Liquid Waste Management**
- ❖ **E-Waste Management**
- ❖ **Biomedical Waste Management**
- ❖ **Hazardous Chemicals and Radioactive Waste Management**



TECHNO INTERNATIONAL NEW TOWN

(Formerly known as Techno India College of Technology)

Block - DG 1/1, Action Area 1, New Town, Kolkata - 700156, West Bengal, India

Contact: +91-33-2324-2050/2090/2091 • <https://tint.edu.in> • info@tint.edu.in

Solid waste management

Solid wastes are generated in our institute from various sources like office, library, xerox centre, canteen, examination cell, administration & placement departments etc. The major wastes generated are paper wastes, wrappers, cardboard boxes, glass, plastics, food wastes etc.

1. In our institute, we aim for paperless activities, by communicating online through official emails.
2. Usage of paper is minimised by using leftover pages from used copies.
3. Old newspapers are given for recycling to external agencies.
4. Glass, metals, plastic and other non-biodegradable wastes are given to external agencies for proper disposal and recycling.
5. Leaf litter is allowed to decompose for use as manure in the campus-garden.
6. Dry and wet wastes are segregated in Blue and Green Bins and Newtown Kolkata Development Authority (NKDA) systematically collects the wastes off.

Photographs of Green and Blue Waste Bins and Compactor Machine Collecting Waste:





TECHNO INTERNATIONAL NEW TOWN

(Formerly known as Techno India College of Technology)

Block - DG 1/1, Action Area 1, New Town, Kolkata - 700156, West Bengal, India

Contact: +91-33-2324-2050/2090/2091 • <https://tint.edu.in> • info@tint.edu.in

Liquid waste management

Separate drainage system and pipelines have been constructed to collect liquid waste from kitchen, washrooms, laboratories to the NKDA drainage system as per prevailing norms.

Domestic sewage is disposed as per NKDA regulations into the centralised STP System built for this purpose.

Photograph of Drainage System within Campus:





TECHNO INTERNATIONAL NEW TOWN

(Formerly known as Techno India College of Technology)

Block - DG 1/1, Action Area 1, New Town, Kolkata - 700156, West Bengal, India

Contact: +91-33-2324-2050/2090/2091 • <https://tint.edu.in> • info@tint.edu.in

E-waste management

To minimise e-wastes in the Institution, electronic goods are put to optimum use. Defects in electronic machines are repaired, as far as practicable, either by Technical Assistants or the maintenance staff, and those are reused.

Our institute has signed contracts with a renowned e-waste recycling company named Hulladek Recycling Pvt. Ltd., which buys our damaged computers and other non-repairable e-wastes and issues a Recycling certificate. The equipment which cannot be refurbished for re-use is dismantled and re-manufactured into raw materials (i.e., metals, plastics, glass) to be marketed as recyclable. The company assures that the E-waste does not end up in a landfill. It is sent to an agency authorized by West Bengal State Pollution Control Board (WSPCB) for disposal, which processes E-waste in a Zero dumping technology. UPS Batteries are recharged / repaired / exchanged by the suppliers.

The waste compact discs and other disposable non-hazardous items are used by students for decoration during college fests as a creative means of showcasing the waste management practice that has been induced in the minds of the students.

Photograph of HullaDek Bin for e-waste Collection:





TECHNO INTERNATIONAL NEW TOWN

(Formerly known as Techno India College of Technology)

Block - DG 1/1, Action Area 1, New Town, Kolkata - 700156, West Bengal, India

Contact: +91-33-2324-2050/2090/2091 • https://tint.edu.in • info@tint.edu.in

Memorandum of Understanding with Hulladek Pvt. Ltd.

TECHNO INTERNATIONAL NEW TOWN
(Formerly known as Techno India College of Technology)
Block - DG, Action Area 1, New Town, Kolkata - 700 156, West Bengal, India
Phone +91 33 2324-2050, 2324-2029, Fax +91 33 2324-2090

MEMORANDUM OF UNDERSTANDING
BETWEEN

Techno International New Town a company incorporated under the laws of India and having its registered office at **311, Sector 5A, DG, Block (New Town), Action Area 1, New Town, Kolkata, West Bengal, 700156** through its authorized representative (hereinafter referred to as "First Party") whose expression shall unless repugnant to the context or meaning thereof include its successors and assigns OF THE FIRST PART.

and

Hulladek Recycling Pvt. Ltd., to provide the management of Electronic Waste, arising through its authorized signatory (hereinafter referred to as "Second Party") whose expression shall unless repugnant to the context or meaning thereof include its successors and assigns OF THE OTHER PART.

PURPOSE

A. The shared objective of the partnership is to be compliance of E-Waste (Management) Rules, 2016 possible for management of Electronic Waste except legal waste.

The above goal will be accomplished by undertaking the following activities:

DELIVERABLES FROM HULLADEK RECYCLING PVT. LTD.

- To pick up, transport, store and recycle/dispose of the E-Waste from Techno International New Town as per the norms prescribed by the Government Authorities from time to time.
- To make available 100kgms of E-Waste collection bag (to be provided) has been recycled/disposed of as per the norms prescribed by the Government Authorities within 30 days of the pickup of E-Waste.
- To dispose of such equipment and specially agreed that they will pay charge towards the disposal of E-Waste. The charges payable to the First Party will be carried out as per agreed terms within 15 days from the date of receipt.
- To share records of date of the e-waste material provided.

DELIVERABLES FROM TECHNO INTERNATIONAL NEW TOWN

- To sign required documents to acknowledge that E-Waste has been handed over to the Hulladek Recycling.
- To transfer the E-Waste on "as is where is basis". The First Party is expected to provide 200 kg or more of E-Waste monthly during each collection visit.
- To maintain all E-Waste and related to Hulladek Recycling records meticulously and be accessible.
- To ensure that all the E-Waste provided by or in the possession of them will be exclusively given to Hulladek Recycling Pvt. Ltd.

TERMS AND CONDITIONS

- We will be providing Electronic waste management for the collection and storage of electronic waste at your website premises. The charges are mentioned in the attached part below.
- We will provide Electronic waste display bin for public awareness program.

Dr. R. T. Goswami
Director
Techno International New Town
Action Area 1, New Town, Kolkata - 700 156

Hulladek Recycling Pvt. Ltd.
Director

REPORTING

The MOU and its amendments will be reported and seen later by the understanding of this MOU.

COMMERCIALS

Monetary transactions will be defined on zero-sum basis between Techno International New Town and Hulladek Recycling Pvt. Ltd. (inclusive of all applicable taxes) according to the sample list is attached as ANNEXURE 1. Hulladek Recycling will charge Techno International New Town (inclusive of all applicable taxes). All amounts payable between the parties will be settled post every pickup executed.

The charges for the Electronic waste management for the collection and storage of electronic waste would be Rs.100/- Only (one hundred rupees) for the year.

The charges for the Electronic waste display bin for public awareness program shall be INR 1,00,000/- (one lakh) as printing, painting etc. amount shall be at extra.

DURATION

This MOU is valid for Three years (unless used at Kolkata, on 27th July, 2021 and valid till 31st July, 2024) and may be modified by mutual consent of authorized officials from Techno International New Town and Hulladek Recycling Pvt. Ltd. This MOU shall become effective upon signature by the authorized signatories and will remain in effect until modified or terminated by mutual consent.

TERMINATION

This Agreement may be terminated by either of the parties by giving one month (1 Month) notice to the other Party.

FINALITY

If the Second Party is not providing services in accordance with this Agreement, it is understood that the First Party will suffer damages. Second Party agrees to pay the First Party on their, liquidated and actual damages, and not as a penalty. In each business day of delay and the service is provided in accordance with the Agreement. The First Party shall initiate the Second Party in writing of its breach/omission and shall be due to the Second Party not having provided any service in accordance with this Agreement.

LEGAL COMPLIANCE

Second Party shall apply for, obtain and pay for any and all required permissions, permits, approvals, certifications, licenses and inspection necessary for the proper execution and prevention of the said Service. Second Party agrees that it is liable and responsible for all compliance under relevant labour legislation and undertake to pay all statutory provisions, contributions, taxes, fees, levies, etc. as may be due and payable under various laws.

INDEMNITY AND LIABILITY OF SECOND PARTY

Second Party shall keep and hold First Party, its shareholders, directors and officers, employees, or any such persons indemnified and held harmless from and against any losses, damages, liabilities, expenses (including reasonable attorney's fees, costs, and charges of any kind whatsoever, including those any third party claims, suits, demands, actions, proceedings, judgments, assessments, against First Party) whatsoever, arising out of or resulting from (i) any breach of the terms of this Agreement by Second Party including representation and warranties in (ii) claims by third parties, including an account of injury, damage directly arising from the provision of the Services (iii) any claims against First Party arising from any negligence or omission of Second Party or Second Party's employees, agents or contractors.

CONFIDENTIALITY

Each Party shall keep certain all Confidential Information, if any, transmitted to it or made available to it by the other Party and shall use such Confidential Information only, wholly or partly, in this party without express written consent of the other Party.

Dr. R. T. Goswami
Director
Techno International New Town
Action Area 1, New Town, Kolkata - 700 156

Hulladek Recycling Pvt. Ltd.
Director

DISPUTE RESOLUTION AND GOVERNING LAW

In case of any difference or dispute arise between the Parties herein, the dispute shall be referred to the arbitration in terms of the Arbitration and Conciliation Act, 1996. The decision of the arbitrator mutually appointed by both the parties shall be final and binding between the Parties. In case the parties are unable to agree on their choice of an Arbitrator, they shall each appoint one Arbitrator, who will in turn appoint a third Presiding Arbitrator. The Techno International New Town shall undertake to the dispute (dispute) and the award passed by the Arbitral Tribunal shall be final and binding on the parties. The Courts in Delhi shall be deemed to have exclusive jurisdiction on any matter arising out of this Agreement.

FORCE MAJEURE

Neither Party shall be liable for delay in performing obligations or for failure to perform obligations hereunder if the delay or failure resulted from circumstances beyond its reasonable control. Such circumstances shall include but shall not be limited to acts of God or government, fire, explosion, flood, accident, civil disturbance, strike, sabotage, war or any other force majeure or any other circumstances ("Force Majeure"), provided that each Party shall have used all reasonable endeavours in the circumstances to avoid or minimize the effects of any such delay or failure and to perform such obligations, notwithstanding the events which have occurred and such Party shall be granted an extension of time for the performance of such of its obligations as shall be considered a period equal to the duration of such delay or as they may mutually agreed, provided that such extension shall not be beyond the initial Term contemplated under the terms of this Agreement.

Dr. R. T. Goswami
Director
Techno International New Town
Action Area 1, New Town, Kolkata - 700 156

Hulladek Recycling Pvt. Ltd.
Director

Following are the rates of Electrical & Electronic Equipment's:

Annexure 1

Particulars	Description	UOM (Unit of Measurement)	Weight (Kgs)	Price Paid By Hulladek Recycling to Techno International New Town
Electronic Items (Scrap / non-Working)				
Amplifier	Per amp. 20W/100KHz	per kg	16	30
Apple Desktop		per kg	14	110
Biometric		per unit	1.3	16
Camera		per kg	1.5	12
Camera Controller		per kg	1.75	12
Camera DVR	8 Channel	per kg	1.1	30
Camera PTZ	10X Zoom & 5 Army	per kg	1.68	30
Camera SMPN		per kg	0.5	60
CRT		per kg	12	35
CCTV Camera		per unit	0.28	6.5
CD Drive		per unit	0.75	18
CD/DVD		per kg	0.0035	12
CPU (Workstation)	with full components	per unit	8.5	850
CPU (full components)	Dual core/Care 2 Dual	per unit	7	650
CPU (full components)	i3	per unit	6.5	2000
CPU (full components)	i7	per unit	6.2	3000
CPU (full components)	i7	per unit	6	4000
CPU (full components)	P4 or below	per unit	7.8	263
CPU (full components)	Pentium D	per unit	7.1	280
CPU (missing components)	only cabinet	per unit	4	35
CPU (missing components)	only CD-drive	per unit	5	55
CPU (missing components)	only Hard disk	per unit	4.8	85
CPU (missing components)	only Hard disk & CD Drive	per unit	5.7	100
CPU (missing components)	only Motherboard	per unit	5.1	135
CPU (missing components)	only RAM/Keyboard & Mouse	per unit	5.9	175

Dr. R. T. Goswami
Director
Techno International New Town
Action Area 1, New Town, Kolkata - 700 156

Hulladek Recycling Pvt. Ltd.
Director



TECHNO INTERNATIONAL NEW TOWN

(Formerly known as Techno India College of Technology)

Block - DG 1/1, Action Area 1, New Town, Kolkata - 700156, West Bengal, India

Contact: +91-33-2324-2050/2090/2091 • <https://tint.edu.in> • info@tint.edu.in

CPU (missing components)	only motherboard & Hard Disk	per unit	5.6	205
CPU (missing components)	only S.M.P.S	per unit	0.1	55
CPU (missing components)	only S.M.P.S & CD drive	per unit	5.8	70
CPU (missing components)	only S.M.P.S & Hard Disk	per unit	5.6	200
CPU (missing components)	only S.M.P.S & motherboard	per unit	0	175
CPU (missing components)	without CD drive	per unit	0.3	242
CPU (missing components)	without hard disk	per unit	0.5	223
CPU Fan		per kg	0.25	28
CRT Monitor	spot/panel damage all sizes	per unit	12	69
CRT Monitor PdW		per unit	2	18
CRT Monitor Colour	14.13 inches	per unit	16.5	75
CRT Monitor Colour	17 inches	per unit	12.5	100
CRT Monitor Colour	above 21 inches	per unit	17.5	75
Data Card		per kg	0.25	11
Video Conferencing Device		per unit	2	68
Waste	4", 36"	per kg	1.5	12
Fire Alarm		per unit	0.2	2.5
Fire Panel		per unit	5.5	46
Floppy Drive		per kg	0.22	12
Graphics Card		per kg	8.8	24
Hard Disk		per unit	0.6	45
Inverter	Backup time 480 hr: 3 & 5 min.	per kg	30	48
Keyboard		per kg	0.6	10
KVM Switch		per kg	0.75	12
LED Monitor		per unit	3.2	90
Memory Card		per kg	0.002	129
Microprocessor	P4 & below	per kg	0.02	400
Microprocessor	Above P4	per kg	8.82	1280
Mixed IT scrap lot		per kg	1	30
Motherboard	with processor above P4	per unit	0.8	140
Motherboard	with processor P4 & below	per unit	0.95	118
Motherboard	without processor above P4	per unit	0.78	158

[Handwritten signature]

Huladek Recycling Pvt. Ltd.
New Town, Kolkata

Motherboard	without processor P4 & below	per unit	0.83	98
Mouse		per kg	0.1	2.5
Online UPS	1 KVA	per kg	18	35
PCB		per kg	0.25	24
PCB		per kg	5.5	34
Projector	LCD	per unit	2	128
Projector	Overhead	per unit	1.5	80
Scram		per kg	0.061	96
Security Camera	aluminium body	per unit	3	72
S.M.P.S (Power Supply)	Black	per unit	0.8	18
S.M.P.S (Power Supply)	White	per unit	0.8	18
Speaker	PA Speaker, 12", 20 Watt	per unit	4.1	54
TFT Monitor	15 inches	per unit	2.8	18
TFT Monitor	17 inches	per unit	2.8	96
TFT Monitor	17 inches	per unit	2.8	90
TFT Monitor	19 inches	per unit	3.2	120
TFT Monitor	above 19 inches	per unit	3.8	122
TFT Monitor	broken panel all sizes	per unit	3.2	36
TFT Monitor	only panel all sizes	per unit	0.5	9
TFT Monitor	power issue all sizes	per unit	3.2	318
TFTLED Monitor (working)	15 inches	per unit	2.8	558
TFTLED Monitor (working)	17 inches	per unit	3.2	908
TFTLED Monitor (working)	19 inches	per unit	3.2	908
TFTLED Monitor (working)	above 21 inches	per unit	3.8	1150
Thin Client		per unit	4	120
UPS	with aluminium transformer with battery	per kg	6	18
UPS	with aluminium transformer without battery	per kg	4	18
UPS	with copper transformer with battery	per kg	7	55
UPS	with copper transformer without battery	per kg	5	45
UPS Cabinet		per kg	1	10

Huladek Recycling Pvt. Ltd.
New Town, Kolkata

Huladek Recycling Pvt. Ltd.
New Town, Kolkata



TECHNO INTERNATIONAL NEW TOWN

(Formerly known as Techno India College of Technology)

Block - DG 1/1, Action Area 1, New Town, Kolkata - 700156, West Bengal, India

Contact: +91-33-2324-2050/2090/2091 • <https://tint.edu.in> • info@tint.edu.in

Biomedical waste management

The occasional bio-medical wastes, like Band-Aids, cotton, sanitary napkins etc., are included in non-biodegradable wastes and are segregated later.

Hazardous chemicals and radioactive waste management

In the Chemistry laboratory, inorganic acids, chiefly HCl (12 N) and H₂SO₄ (36.6 N), are kept in a fume hood chamber, ensuring no possibility of leakage of acid vapour into the environment. During experiment all these acids are used in nearly 10 times diluted form, and are then fluxed with water through the outlet pipe along with other reagents. During flow through the outlet the concentration of these acids become 5% of the initial concentration. As these acids and reagents are exposed in extremely diluted form, these cause no toxicity to the environment.