TERNA PUBLIC CHARITABLE TRUST'S

TERNA ENGINEERING COLLEGE

7.1.2

INDEX

TERNA ENGINEERING COLLEGE

Environmental Consciousness and Sustainability

1. Alternate sources of energy

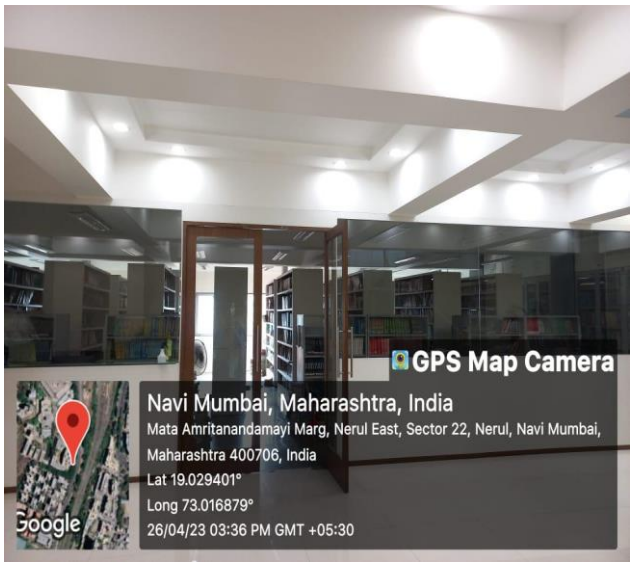
Solar Energy Generation:

Fig. Solar roof on TEC Building

Fig. Close view of solar panels on TEC Building

Fig. Solar roof on TEC Building

Energy Conservation Measures



Fig, Power efficient equipment LED in Libraray

Fig, Power efficient equipment LED in office

Fig. Power efficient equipment 5 star rated split AC

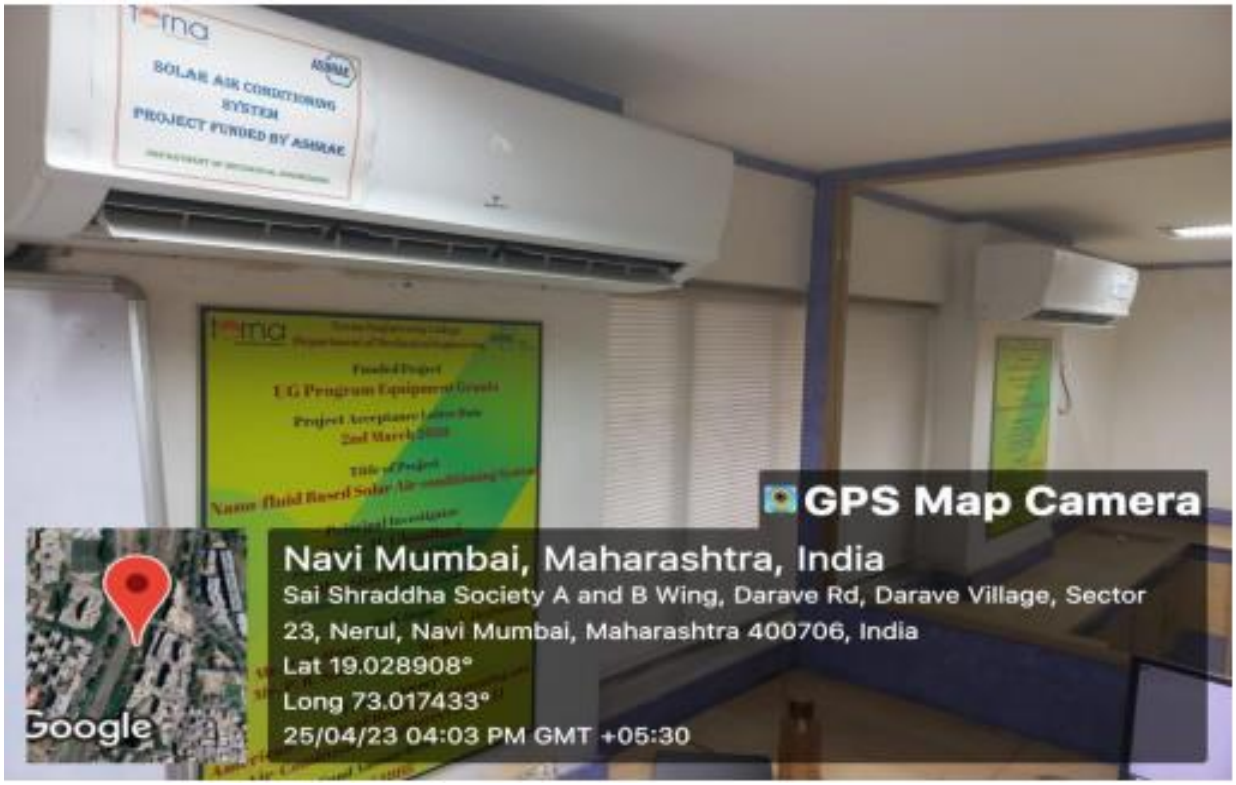


Fig. Power efficient equipment Solar split AC

2. Management of the various types of degradable and non-degradable waste

Waste Management at Campus

Fig. Composting Pit

Fig. Compost Prepared from compost pit in campus

4. Water conservation facilities available in the Institution:

Rain water harvesting structures and utilization in the campus

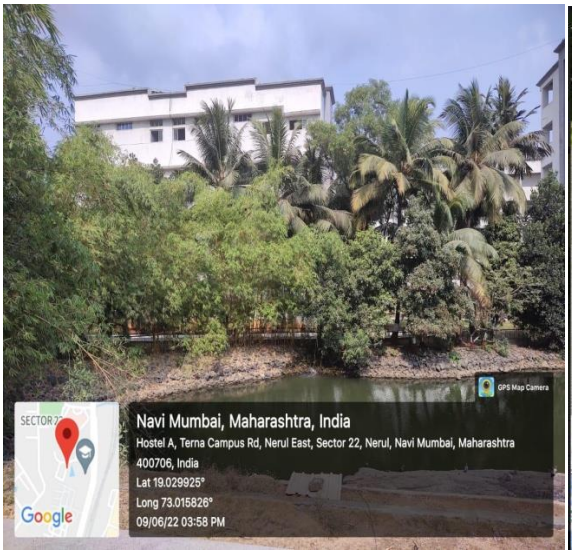


Fig. Pond in TEC campus

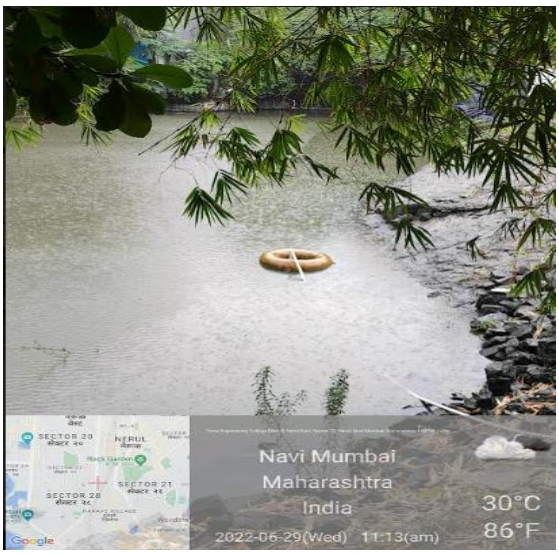


Fig. Rain water harvesting

Bore well /Open well recharge

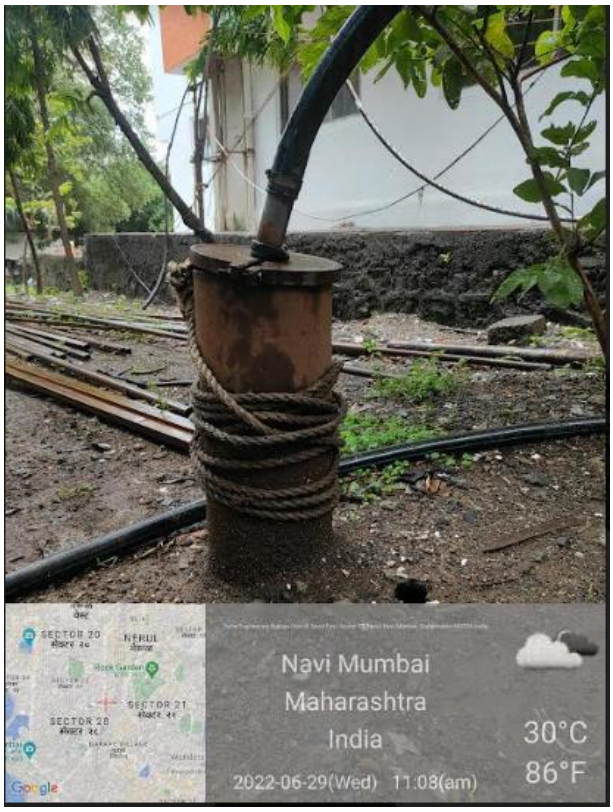


Fig. Bore well at TEC campus

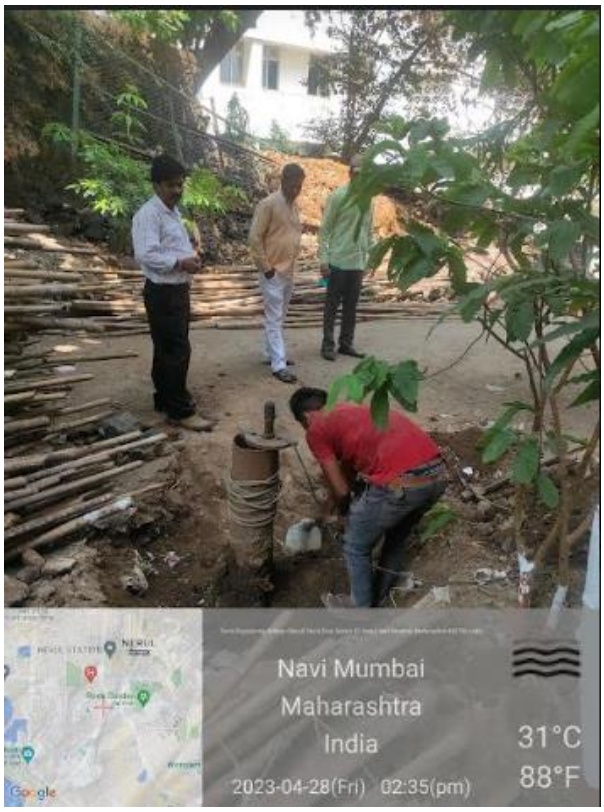


Fig. Bore well Recharging

Green practices on campus

1) Students, staff using Public Transport and car pooling

Fig. Car pooling

Fig. Bus stop by the name of TEC

Fig. Availability of public transport near TEC gate

2) Plastic free campus campaign:

Fig. Plastic free campus initiative

Fig. "Bottles for Change": Seminar on various aspects of Plastic Waste Management.

3) Green landscaping with trees and plants:

Fig. Green campus initiative in TEC

Fig. Green campus initiative in TEC entrance

Fig. Green campus initiative in TEC

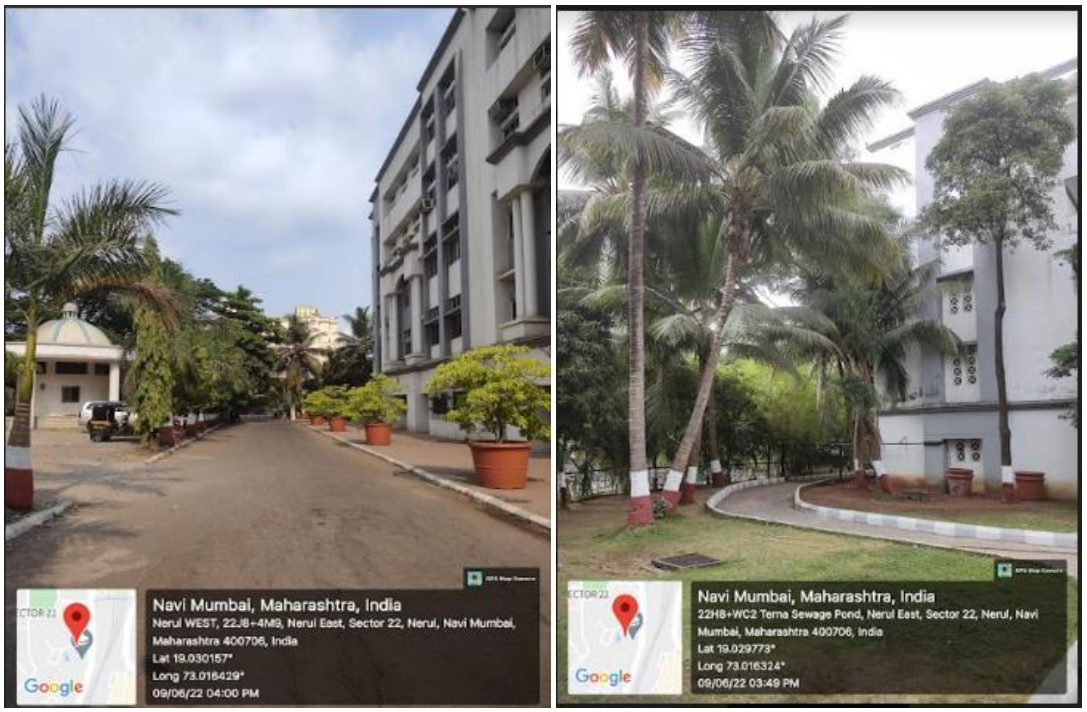


Fig. Landscaping in TEC entrance

4) Disabled-friendly, barrier free environment

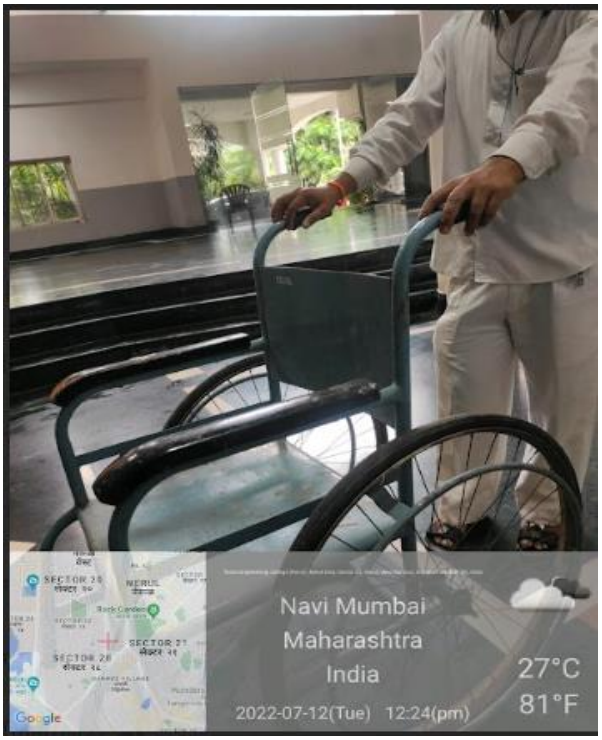


Fig. Wheel Chair in Campus

Fig. Wheel Chair available at ground floor

Fig. Washrooms for physically disabled persons

Fig. Washrooms for physically disabled persons

Fig. Lift facility at TEC

Fig. CCTV at TEC entrance

KKRYFS
POWER COMPONENTS LTD.

Bill for Solar

ORIGINAL FOR RECEIPIENT

TAX INVOICE

To,	Invoice Number :	KRYFS/SALES-ENERGY/23-24/02
Terna Public Charitable Trust	Invoice Date :	11-05-2023
Plot No. 12, Sector 22, Nerul,	PPA Agreement date	15-05-2016
Navi Mumbai – 400706	PPA Agreement valid till	15-05-2036
Maharashtra	Bill period	11/04/2023 to 09/05/2023
GST NO. Not Applicable	Payment Due date	15 days from billing date
State of Supply with State Code: Maharashtra (27)		

Sr No	Description			Qty (kwh)	Rate (Rs/kWh)	Amount (Rs)
	Description of Goods	Previous reading (kWh)	Current reading (kWh)			
1	Terna Engineering Building I	34383	41431	7,048	6.69	47,151
	JMR : 11/04/2023 to 09/05/2023					
	JMR Dated : 09/05/2023					
2	Terna Engineering Building II	594970	603940	8,970	6.69	60,009
	JMR : 11/04/2023 to 09/05/2023					
	JMR Dated : 09/05/2023					
3	Terna Dental College	1117294	1135082	17,788	6.69	1,19,002
	JMR : 11/04/2023 to 09/05/2023					
	JMR Dated : 09/05/2023					
4	Terna - Car Park	620491	612045	8,446	6.69	56,504
	JMR : 11/04/2023 to 09/05/2023					
	JMR Dated : 09/05/2023					
5	Terna Medical College	448077	457115	9,038	6.69	60,464
	JMR : 11/04/2023 to 09/05/2023					
	JMR Dated : 09/05/2023					
	TOTAL			51,290		

Rupees in words	Three Lakhs Forty Three Thousand One Hundred Thirty Only.	Gross Total	3,43,130
		Output IGST	NIL
PAN No	AAACK2791F	Output SGST	NIL
GST NO	27AAACK2791F1ZK	Output CGST	NIL
		Total	3,43,130

Reverse Charge Applicable (Yes / No) : NO

Declaration:
I/We hereby Certify that our registration under GST Act is GST No. 27AAACK2791F1ZK with effective from 25-06-17 on the which the service specified in this bill is made by us and that the transaction of Service covered by this Bill has been effected by us in the regular course of our business.

Late payment penalty: Bills paid after due date of bill payment will be charged a penalty at the rate of 1.5% per month on the total bill amount payable.

For Kryfs Power Components Limited

Authorised Signatory

SUBJECT TO MUMBAI JURISDICTION

3rd Floor, Aza House, 24 Turner Road, Bandra (W), Mumbai 400 050. India
+91 22 6785 9999 www.kryfs.com sales@kryfs.com +91 22 6785 9988
CIN - U25209MH1991PLC060602

KKRYFS
Hamesha Kaizen

Shree Megaramji Namoh ॥ ॥ Shree Ganesnay Namoh ॥ (ORIGINAL FOR RECIPIENT)

Bill for LED

TAX INVOICE

SHREE CHENARAMJEE FANCY ELECTRIC & HARDWARE STORE

FANCY ELECTRIC & HARDWARE STORE

Stockist & Suppliers of:

Fancy Electrical Goods & Hardware Item

SHOP NO. 5 & 6, PLOT NO. 1,2,&31,, POONAM TOWER,SECTOR-20, NERUL, NAVI MUMBAI

Mobile No.: 9967889894

GSTIN No.: 27ADCPC2730Q1ZJ

Buyer Details:			
TERNA ENGINEERING COLLEGE		Invoice No.	: 13
NERUL SECTOR 22		Date	: 7-Apr-2022
GSTIN/UIN	: 27AAATT2628P1ZZ	Vehical No.	:
PAN No.	:	Destination	:
		Challan No.	: 4043

Sr.No.	Description of Goods	HSN Code	GST	Quantity	Rate	Dis.	Amount
1	6 Amp Switch Roma[21011]	8536	18 %	75.00 Nos	32.00		2,400.00
2	6 Amp Socket Roma[30373]	8536	18 %	20.00 Nos	153.00	45 %	1,683.00
3	12 Mod Tresa Plate Roma[30271]	8538	18 %	2.00 Nos	342.00	45 %	376.20
4	18 Mod Tresa Plate Roma[30282]	8538	18 %	2.00 Nos	401.00	45 %	441.10
5	8 Mod Tresa Plate Roma[30384WH]	8538	18 %	3.00 Nos	276.00	45 %	455.40
6	BLANK PLATE 1M ROMA[21598]	8538	18 %	10.00 Nos	33.00	45 %	181.50
7	6 Mod Tresa Plate Roma[30250WH]	8538	18 %	2.00 Nos	216.00	45 %	237.60
8	6 Mod Surface Box	8538	18 %	2.00 Nos	60.00		120.00
9	16 Amp Switch Roma	8536	18 %	1.00 Nos	187.00	45 %	102.85
10	16 Amp Socket Roma[30828]	8536	18 %	1.00 Nos	258.00	45 %	141.90
11	RJ 11 TELEPHONE JACK SINGLE ROMA[20857]	8536	18 %	6.00 Nos	144.00	45 %	475.20
12	9 W Syska LED Lamp	8539	12 %	10.00 Nos	120.00		1,200.00
13	STEELGRIP INSULESAN TAP	8546	18 %	3.00 Nos	10.00		30.00
14	3 Mod Tresa Plate Roma[30238WH]	8538	18 %	1.00 Nos	135.00	45 %	74.25
15	3 Mod Surface Box	8538	18 %	1.00 Nos	40.00		40.00
16	18W T- BULB [LINEAR LAMP] PHILIPS	8539	12 %	1.00 Nos	380.00		380.00
	Total						8,339.00

Entry taken at Sr, No.... 19 .....
on Page No. 15 ...in Central Store
Registered on ...19/4/2022

Store Keeper Principal

ENTRY TAKEN
Date..... .....

CGST	703.12
SGST	703.12
ROUND OFF	(-)0.24
Total Amount Rs.	**9,745.00**

Company's Bank Details:
Bank Name : G.P.Parsik Janata Sahakari Bank Ltd.
A/c No. : 018011300002229
Branch & IFS Code : Nerul Phase-2 & PJSB0000019

Tax Amount (in words) : NIL

Terms and Condition-
1) Cheque Return Charges Rs.500/-
2) Payment Within 21 Days
3) Interest @18% Applicable on Late Payment

For SHREE CHENARAMJEE FANCY ELECTRIC & HARDWARE STORE

Authorised Signatory

Bill for LED

ee Megaramji Namoh ll ll Shree Ganeshay Namoh ll ll Shree Chenaramjee Namoh ll

TAX INVOICE

SHREE CHENARAMJEE FANCY ELECTRIC & HARDWARE STORE

FANCY ELECTRIC & HARDWARE STORE

Stockist & Suppliers of:

Fancy Electrical Goods & Hardware Item

SHOP NO. 5 & 6, PLOT NO. 1,2,&31,, POONAM TOWER,SECTOR-20, NERUL, NAVI MUMBAI

GSTIN No.: 27ADCPC2730Q1ZJ Mobile No.: 9967889894

Buyer Details:

TERNA ENGINEERING COLLEGE
NERUL SECTOR 22
GSTIN/UIN : 27AAATT2628P1ZZ
PAN No.

Invoice No. : 76
Date : 3-May-2023
Vehical No. :
Destination :
Challan No. : 5251

Sr.No.	Description of Goods	HSN Code	GST	Quantity	Rate	Dis.	Amount
1	15 W Syska LED Lamp	85395000	18 %	2.00 Nos	220.00		~~440.00~~

Entry taken at Sr. No. 57 .....
on Page No. 188 .. in Central Store
Registered on 10/5/23 .....
Store Keeper for Principal

Total			440.00
Company's Bank Details:		CGST	39.60
Bank Name : G.P.Parsik Janata Sahakari Bank Ltd.		SGST	39.60
A/c No. :		ROUND OFF	(-)0.20
Branch & IFS Code :		**Total Amount Rs.**	**519.00**

Tax Amount (in words) : NIL

Terms and Condition-
1) Cheque Return Charges Rs.500/-
2) Payment Within 21 Days
3) Interest @18% Applicable on Late Payment

For SHREE CHENARAMJEE FANCY ELECTRIC & HARDWARE STORE

Authorised Signatory

Bill for LED

॥ श्री देवनारायणजी नमः ॥

...ता दी ॥

॥ श्री गणेशाय नमः ॥

TAX INVOICE

SATYAM ELECTRIC & HARDWARE STORES

Dealers in : Paints, Electrical Goods, Hardware, Pipes & Fitting
Bldg. Material Suppliers.

Tulsi Chhaya CHS, Shop No. 1, Plot No. 273/274, Near Darshan Darbar, Sector - 6, Nerul, Navi Mumbai - 400706.
Tel.: 022 - 27724586

Bill No. 2431

Date : 6/8/22

M/s. Terna engineering college

GST No.: 27AAATT2628 P1ZZ

Add.: Nerul

Sr. No.	PARTICULARS	QTY	GST	RATE	TAXABLE AMOUNT	CGST	SGST	TOTAL AMOUNT
1.	SSK. led Tube set 20W	20 P	18%	200	4000	360	360	4720.00

Repair & maintenance Exp A/c Head

या महाविद्यालयाच्या वेगवेगळ्या विभागामधून Tube set ची मागणी आली होती. त्यामुळे या पुरवठादाराकडून 20 No Tube set खरेदी केले आहेत.

Net amount to be due for the Payment of Rupees Four thousand seven hundred twenty rupees only.

Entry taken at Sr. No. ......187...
on Page No. ...37... in Central Store
Registered on 8/8/2022

Store Keeper   Principal

ENTRY TAKEN
Date..........

THANK YOU !
GST NO.: 27ABOPG8505H1ZH

	TOTAL	4000	360	360	4720.00

Rs. four Thousand seven Hundred twenty only

I/We hereby certify that our Registration Certificate under the Maharashtra Value Added Tax Act, 2005 is in Parties on I/We date which the sales of the goods specified in Sale Tax Invoice is made by me/us and the transition of sales converted by sale Tax Invoice has been affected by me/us and I shall be accounted for in the turnover of sales while filling of return and the sale Tax, if any, payable on the sale has been paid or shall be paid.

E. & O. E.

Receiver

Name   Signature

For Satyam Electric & Hardware Stores

Signature

05/08   05/08/22

Terna Public Charitable Trust's

TERNA ENGINEERING COLLEGE

॥ माता दी ॥ ॥ श्री गणेशाय नमः ॥ ॥ श्री देवनारायणाची नमः ॥

TAX INVOICE

SATYAM ELECTRIC & HARDWARE STORES

Dealers In : Paints, Electrical Goods, Hardware, Pipes & Fitting
Bldg. Material Suppliers.

Tulsi Chhaya CHS, Shop No. 1, Plot No. 273/274, Near Darshan Darbar, Sector - 6, Nerul, Navi Mumbai - 400706.
Tel.: 022 - 27724586

Bill No. 2558 Date : 27/1/23

M/s. Terna Engineering college GST No.: 27AAATT2628 P1ZZ

Add.: Nerul

Sr. No.	PARTICULARS	QTY	GST	RATE	TAXABLE AMOUNT	CGST	SGST	TOTAL AMOUNT
1	20W led Tube set	12Pcs	18%	200	2400			
2	TP wire wt.	2mtr	18%	15	300			
					2700	243	243	3186.00

Entry taken at Sr. No. 498
on Page No. 122 in Central Store
Registered on 4/2/2023

Store Keeper Principal

CN 438

ENTRY TAKEN
Date.....

THANK YOU !
GST NO.: 27ABOPG8505H1ZH

Rs. Three Thousand One Hundred Eighty Six only	TOTAL	2700	243	243	3186.00

I/We hereby certify that our Registration Certificate under the Maharashtra Value Added Tax Act, 2003 is in Parties on I/We date which the sales of the goods specified in Sale Tax Invoice is made by me/us and the transition of sales convertad by sale Tax invoice has been affectad by me/us and I shall be accountad for in the turnover of sales while filling of return and the sale Tax, if any, payable on the sale has been paid or shall be paid.

E. & O. E.

Receiver

Name Signature

For Satyam Electric & Hardware Stores

Signature

Wheel Chair bill

Tax Invoice

Positrus Healthcare India Pvt. Ltd. 116, Gurunanak Udyog Bhavan Ind.Premises Co-Op Soc. LBS Marg, Bhandup (W), Mumbai - 400 078 D.L.No. 20 B MH-MZ4-122120, 21 B MH-MZ4-122121 D.L.No. 20 MH-MZ4-122159, 21 MH-MZ4-122160 FSSAI License No.11520013000260 GSTIN/UIN: 27AAICP0973A1ZL State Name : Maharashtra, Code : 27 CIN: U74999MH2015PTC263819 Contact: 9773985682 / 9920434284 / 9920381486 / 8324162185 E-Mail : connect@positrus.com	Invoice No. **PHIN/88815/21-22**	Dated **20-Jan-2022**
	Delivery Note	Mode/Terms of Payment **21day**
	Supplier's Ref	Other Reference(s)
	Buyer's Order No. **22/SO28/PO-HD/100810**	Dated **19-Jan-2022**
	Despatch Document No.	Delivery Note Date
Buyer **Terna Speciality Hospital & Res Center Med. Stores (Unit of TPCT)** Gr. Flr, Plot No. 12, Sector-22, Opp. Nerul Rly Station, Phase-2 Nerul (W) Navi Mumbai D.L.No-20B-MH-TZ7-443205,21B-MH-TZ7-443206 GSTIN/UIN : 27AAATT2828P1ZZ State Name : Maharashtra, Code : 27	Despatched through **Hand Delivery**	Destination **Nerul**
	Terms of Delivery	

GRA 01115 P.O. 100810

Sl No.	Description of Goods	HSN/SAC	GST Rate	MRP/ Marginal	Quantity	Rate	per	Amount
1	**Wheel Chair Fighter-C-F24-PVC** *Wheel Chair Mfg/Mktg: Karma*	871310	5 %	9,851.00/Pcs	**2 Pcs**	5,580.00	Pcs	**11,160.00**
	Output CGST @ 2.5%					2.50	%	279.00
	Output SGST @ 2.5%					2.50	%	279.00
	Total				**2 Pcs**			**₹ 11,718.00**

E & O.E

MATERIAL RECEIVED SUBJECT TO CHECK & APPROVAL

Amount Chargeable (in words)

INR Eleven Thousand Seven Hundred Eighteen Only

	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
	11,160.00	2.50%	279.00	2.50%	279.00	558.00
Total:	**11,160.00**		**279.00**		**279.00**	**558.00**

Tax Amount (in words) : **INR Five Hundred Fifty Eight Only**

Company's VAT TIN : **27911127509V w.e.f.09.07.2015**
Company's CST No. : **27911127509C w.e.f. 09.07.2015**
Company's PAN : **AAICP0973A**

Company's Bank Details
Bank Name : **Central Bank of India**
A/c No. : **3665833956**
Branch & IFS Code : **Kalyan Branch & CBIN0280539**

Declaration
I/we hereby certify that my/our registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sale of the goods specified in this tax invoice is made by me/us & that the transaction of sale covered by this tax invoice has been effected by me/us & it shall be accounted for in the turnover of sales while filing of return & the due tax, if any payable on the sale has been paid or shall be paid

for Positrus Healthcare India Pvt. Ltd.

Authorised Signatory

This is a Computer Generated Invoice

TERNA ENGINEERING COLLEGE

Environmental Consciousness and Sustainability

1. Alternate sources of energy

Alternate sources of energy and energy conservation are two important and interconnected concepts that can help reduce our dependence on non-renewable sources of energy and mitigate the negative impact of climate change. Institute is keen on alternate sources of energy and energy conservation methods.

Following are the measures taken in the direction of alternate energy sources

Solar Energy Generation:

Solar energy generation is the process of harnessing the energy of the sun and converting it into usable electricity. Solar energy is a renewable and sustainable energy source that can be used to power homes, businesses, and even entire communities. Here are the basic steps involved in solar energy generation:

Solar Panels: Solar panels, also known as photovoltaic (PV) panels, are the primary components used to convert sunlight into electricity. These panels are made up of layers of silicon cells that absorb sunlight and release electrons, creating a flow of electricity.

Inverter: The electricity generated by the solar panels is in the form of direct current (DC), which needs to be converted to alternating current (AC) to be used in homes and businesses. An inverter is used for this conversion.

Connection to the Grid: The AC electricity generated by the solar panels can be used to power the building where the panels are installed. Any excess electricity can be sent back to the grid for others to use, and the building can draw electricity from the grid when needed.

Monitoring: A monitoring system can be installed to track the performance of the solar panels, ensuring that they are working efficiently and providing maximum energy output.

Solar energy generation offers many benefits, including reducing greenhouse gas emissions, lowering energy costs, and increasing energy independence. With advancements in technology, solar energy is

becoming more accessible and affordable, making it an increasingly popular alternative to traditional energy sources.

Solar Panels on the rooftop: Solar panels are installed to harness the energy of the sun and convert it into electricity. Solar panels of the capacity of **476 KWH are installed** on the rooftop of the Institute. By using renewable energy we don't only reduce our electricity consumption from the grid but it also helps indirectly in reducing the Air and land pollution created by burning coal in thermal power plants and disposing fly ash (major waste generated from thermal power plants).

Fig. Solar roof on TEC Building

Fig. close view of solar panels on TEC Building

2. Energy Conservation Measures

Energy conservation methods include using energy-efficient appliances, turning off lights and appliances when not in use, insulating premises to reduce heating and cooling needs, and reducing energy consumption during peak hours.Energy conservation using LED bulbs and power efficient equipment is a simple yet effective way to reduce energy consumption and save money on electricity bills. Here are some ways in which LED bulbs and power-efficient equipment can help in energy conservation:

LED Bulbs: LED (Light Emitting Diode) bulbs are energy-efficient and use up to 80% less energy than traditional incandescent bulbs. This means that they require less electricity to produce the same amount of light, resulting in lower energy bills and reduced carbon emissions. They also last longer, meaning less frequent replacement and less waste.

Power-efficient Equipment: Power-efficient equipment, such as refrigerators, air conditioners, and washing machines, are designed to use less energy while still providing the same level of functionality. They achieve this through the use of advanced technology and features such as timers, sensors, and variable speed motors. By replacing old, energy-hungry equipment with power-efficient models, significant energy savings can be achieved.

Energy Audits: An energy audit can be performed to identify areas where energy is being wasted and to suggest ways to improve energy efficiency. This can include replacing inefficient equipment, insulating buildings, and upgrading lighting to LED bulbs.

By using LED bulbs, power-efficient equipment, and implementing energy-saving practices, significant reduction in energy consumption, carbon footprint, and energy bills is possible. Therefore, Institute has taken the initiative in this and adopted these methods of energy conservation.

LED bulbs (Lights) are used in the institute building and premises. Most of the street lights have been with LED lights, remaining bulbs of Street lights & in the rooms of various hostel blocks are also being replaced whenever needed. Lights used to lit Playground area are LEDs.

Power efficient equipment: Window air conditioners installed are of BEE 2 & 3 star rating. Split air conditioners installed in buildings are of 3 & 5 star rating.

Fig, Power efficient equipment LED in Libraray

Fig, Power efficient equipment LED in office

Fig. Power efficient equipment 5 star rated split AC

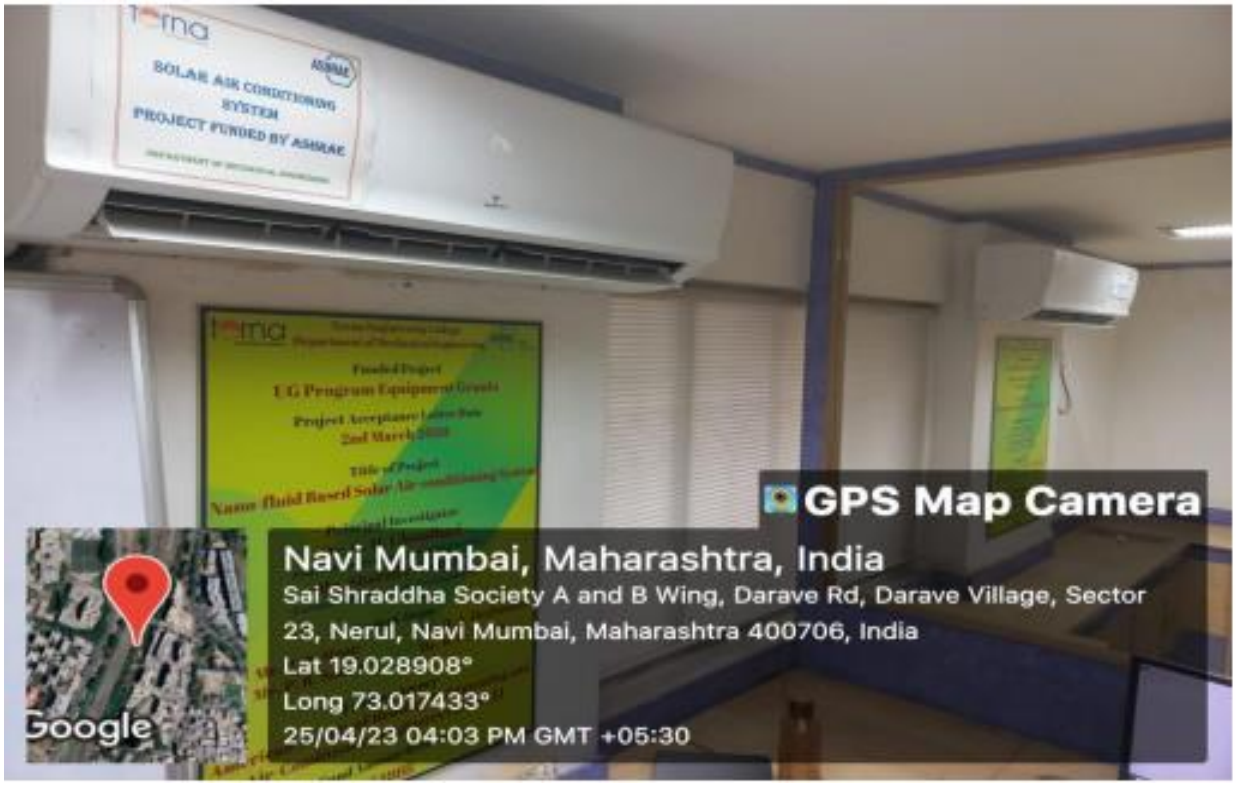


Fig. Power efficient equipment Solar split AC

3. Management of the various types of degradable and non-degradable waste

Waste Management at Campus

TEC is conscious about waste management and takes necessary efforts towards a sustainable environment. In line with the Swatch Bharat Abhiyaan, TEC prioritizes cleanliness on campus and encourages students and staff to follow effective waste management practices which include reduction at source; segregation and implementation of 3R's i.e. REDUCE, REUSE and RECYCLE before disposal. TEC has a well-defined mechanism for waste disposal and sensitizes students and staff regularly in different ways as follows:

Solid Waste

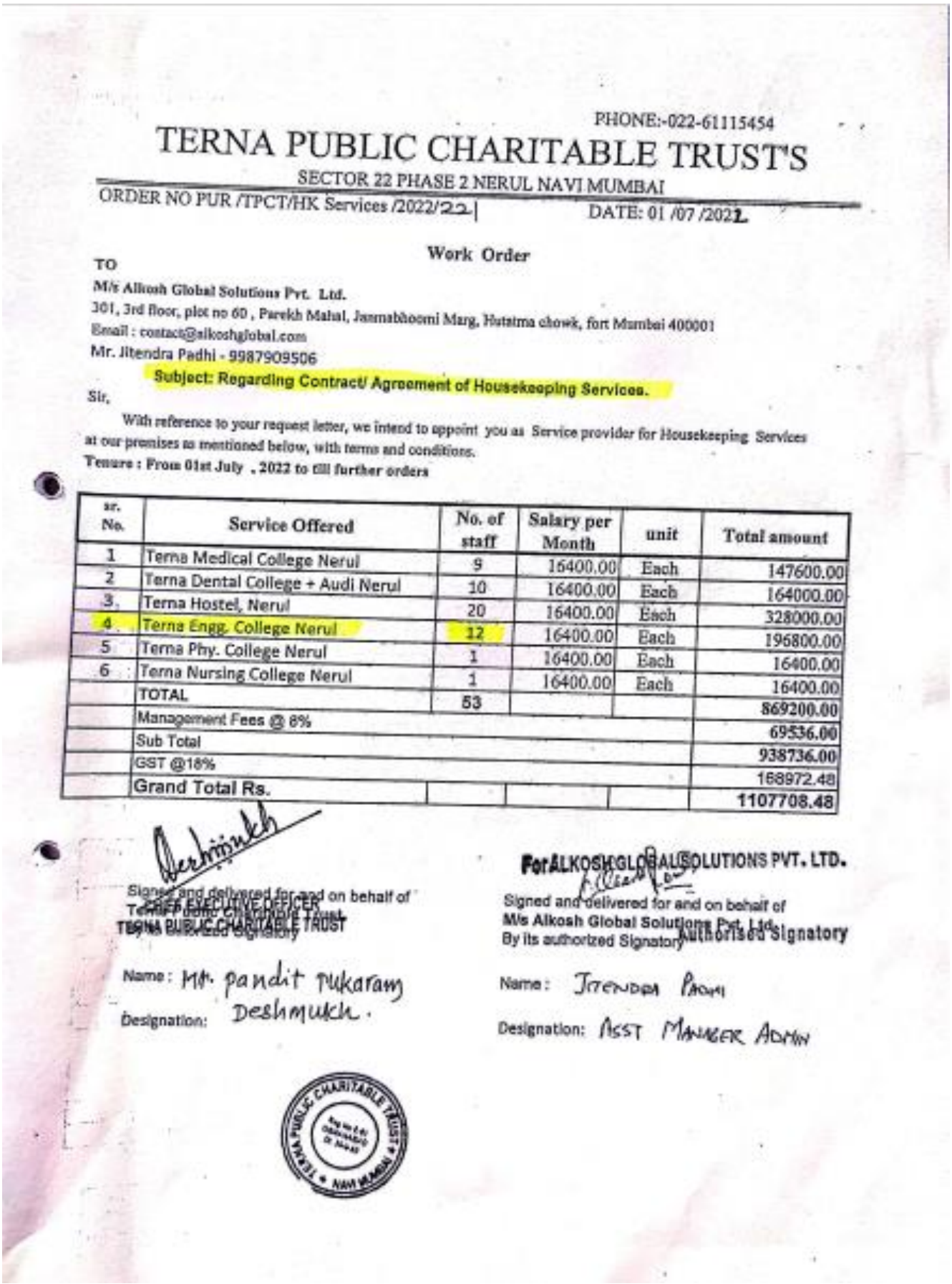
Towards Solid Waste Management, TEC has taken the following steps:

TEC appointed Ashok Global solutions Pvt Ltd. for Housekeeping services for keeping campus clean. Solid waste is segregated at source. Organic waste is collected in **green dustbins** and non- biodegradable (Dry) waste in **blue dustbins.** The waste pickup and collection is done by housekeeping staff. The Municipality staff collects dry waste twice a day. TEC initiated a drive to REDUCE plastic usage to the minimum essential, on and off the campus.

Installed a Composting Plant where all the cafeteria organic waste and gardening waste is converted to good quality manure which is used for in-house gardening and also distributed among staff and students to promote positive practices on waste management.

Project related to handle food waste generated in campus was initiated by students.

TEC made provision for segregating dry waste as paper waste, plastic waste and metal waste which is given to vendors for recycling.



PHONE:-022-61115454

TERNA PUBLIC CHARITABLE TRUST'S

SECTOR 22 PHASE 2 NERUL NAVI MUMBAI

ORDER NO PUR /TPCT/HK Services /2022/22 | DATE: 01 /07 /2022

Work Order

TO

M/s Alkosh Global Solutions Pvt. Ltd.
301, 3rd floor, plot no 60 , Parekh Mahal, Janmabhoomi Marg, Hutatma chowk, fort Mumbai 400001
Email : contact@alkoshglobal.com
Mr. Jitendra Padhi - 9987909506

Subject: Regarding Contract/ Agreement of Housekeeping Services.

Sir,

With reference to your request letter, we intend to appoint you as Service provider for Housekeeping Services at our premises as mentioned below, with terms and conditions.

Tenure : From 01st July , 2022 to till further orders

sr. No.	Service Offered	No. of staff	Salary per Month	unit	Total amount
1	Terna Medical College Nerul	9	16400.00	Each	147600.00
2	Terna Dental College + Audi Nerul	10	16400.00	Each	164000.00
3	Terna Hostel, Nerul	20	16400.00	Each	328000.00
4	Terna Engg. College Nerul	12	16400.00	Each	196800.00
5	Terna Phy. College Nerul	1	16400.00	Each	16400.00
6	Terna Nursing College Nerul	1	16400.00	Each	16400.00
	TOTAL	53			869200.00
	Management Fees @ 8%				69536.00
	Sub Total				938736.00
	GST @18%				168972.48
	Grand Total Rs.				1107708.48

Signed and delivered for and on behalf of
CHIEF EXECUTIVE OFFICER
Terna Public Charitable Trust
TERNA PUBLIC CHARITABLE TRUST
Authorised Signatory

Name: Mr. pandit Pukaram Deshmukh.

Designation:

For ALKOSH GLOBAL SOLUTIONS PVT. LTD.

Signed and delivered for and on behalf of
M/s Alkosh Global Solutions Pvt. Ltd.
By its authorized Signatory
Authorised Signatory

Name: Jitendra Padhi

Designation: Asst Manager Admin

TERNA PUBLIC CHARITABLE TRUST NAVI MUMBAI

Fig. Contract/Agreement for housekeeping services

Fig. Composting Pit

Fig. Compost Prepared from compost pit in campus

E -waste management

Institute takes efforts to minimize e-waste. Regular maintenance by technical staff and reutilization of spare parts of discarded electronic devices is a common practice.

To sensitize students and staff on careful disposal and management of electronic waste, Non-functional computers, monitors and printers are discarded on a systematic basis. Agreement is signed with Balaji vender for Scrap disposal. The Awareness programme/campaign was an initiative to sensitize an impart knowledge among the teachers and students and NGO employees about the proper management, disposal and channelization of E-waste, thereby reducing the impact of hazardous substances on the environment and encouraging environmentally sound recycling through collective efforts of all the stakeholders involved in the entire E-waste value chain.

In view of the above MAIT conducted an Awareness Training Programme on the Environmental Hazards of Electronic Waste for all the stakeholders on 5th and 6th October 2018 at Maharashtra Pollution Control Board Office in Navi Mumbai.

BALAJI COMPUTER PVT. LTD.

Date : 18/03/2022

To,
Terna Engineering College,
Nerul

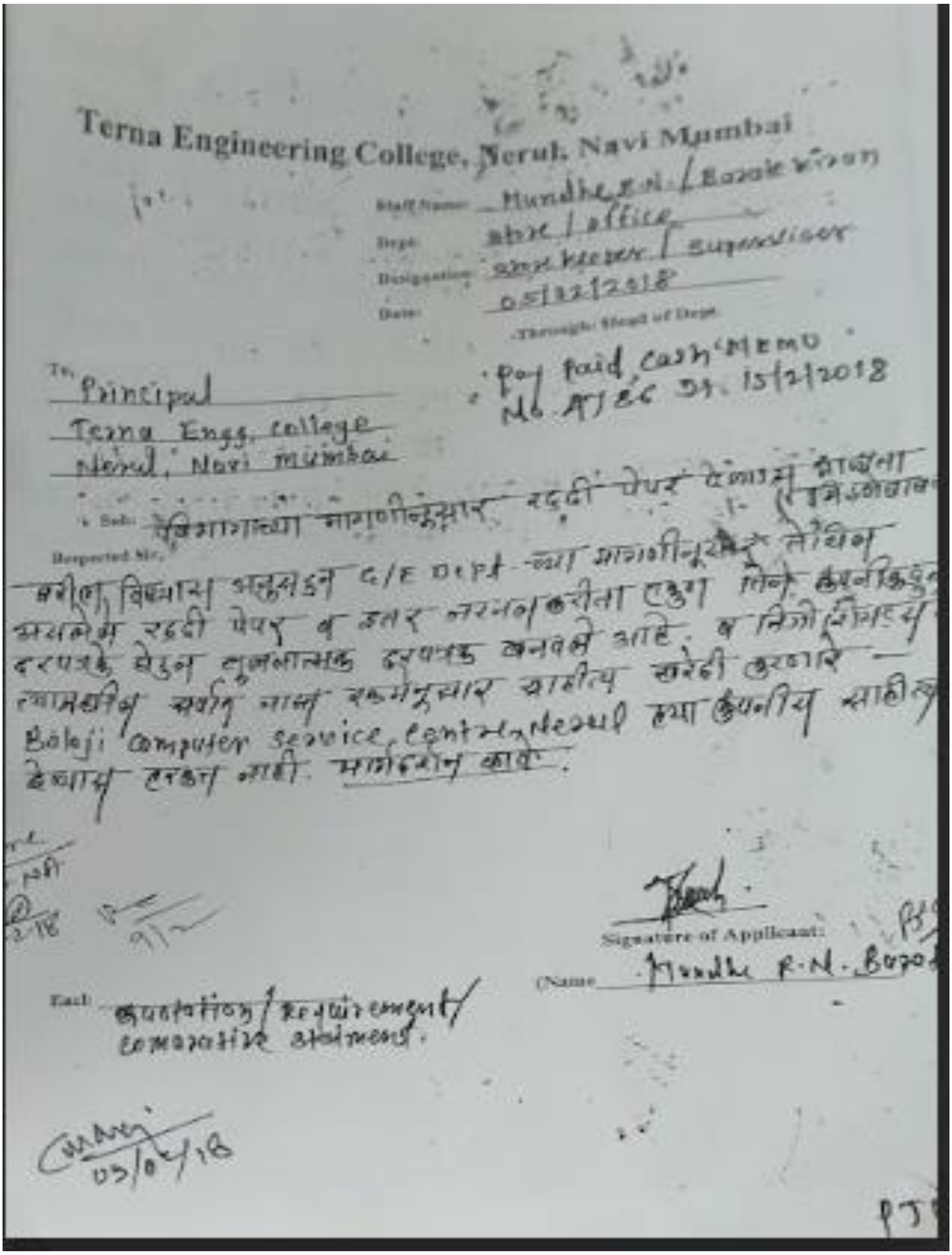
CERTIFICATE
FOR E-WASTE DISPOSAL

This is to Certify that E waste received on dated 06.12.2021 for recycling has been safely disposed of at our registered facility in an environment friendly manner.
Waste list is attached.

Yours faithfully,
For Balaji Computer Pvt. Ltd.

Proprietor

Fig. Contract certificate of E-Waste Disposal


Terna Engineering College, Nerul, Navi Mumbai

Staff Name: Mundhe R.N.

Dept: store / office

Designation: store keeper / supervisor

Date: 05/02/2018

Through Head of Dept.

To,
Principal
Terna Engg. college
Nerul, Navi mumbai

Sub:

Respected Sir,

Balaji computer service,

Signature of Applicant:

(Name Mundhe R.N.

Encl: quotation / requirement / comparative statement.

Fig. Application for waste paper collection

4. Water conservation facilities available in the Institution:

a. Rain water harvesting

b. Bore well /Open well recharge

c. Maintenance of water bodies and distribution system in the campus

Rain water harvesting structures and utilization in the campus

TEC has taken sustainable initiative towards conserving water through a wide expanse of well-maintained green landscape which has been deliberately included on the campus to keep the ground porous so that rainwater can be collected through natural means to recharge the water table.

It helps in improving the quality and increasing the level of ground water. It also helps in improving the overall floral system and reduces the loss of the top layer of the soil. Rainwater harvesting practices at TEC include water table recharging.

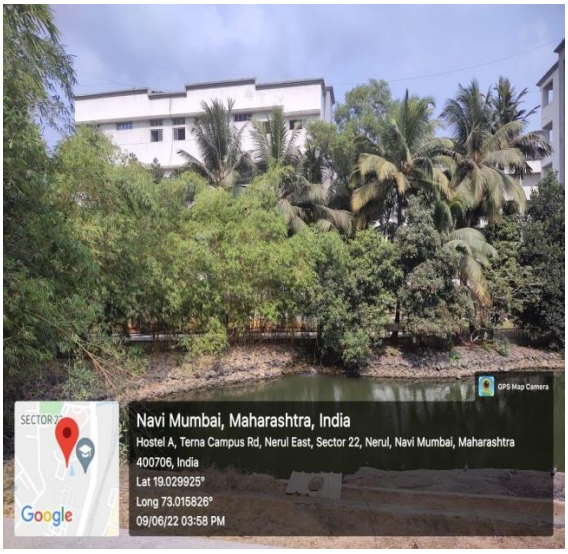


Fig. Pond in TEC campus

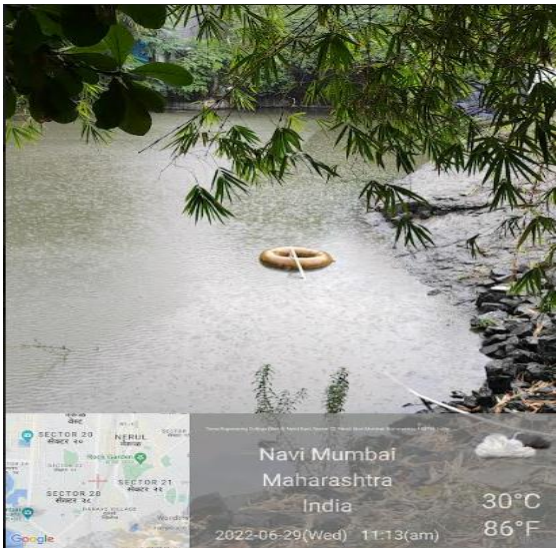


Fig. Rain water harvesting

TEC focusses on water conservation, use of push taps to reduce water wastage, use of pond water for gardening.TEC students carried out project to purify pond water by using waste water techniques. These efforts have resulted in lesser usage of the NMC water supply.

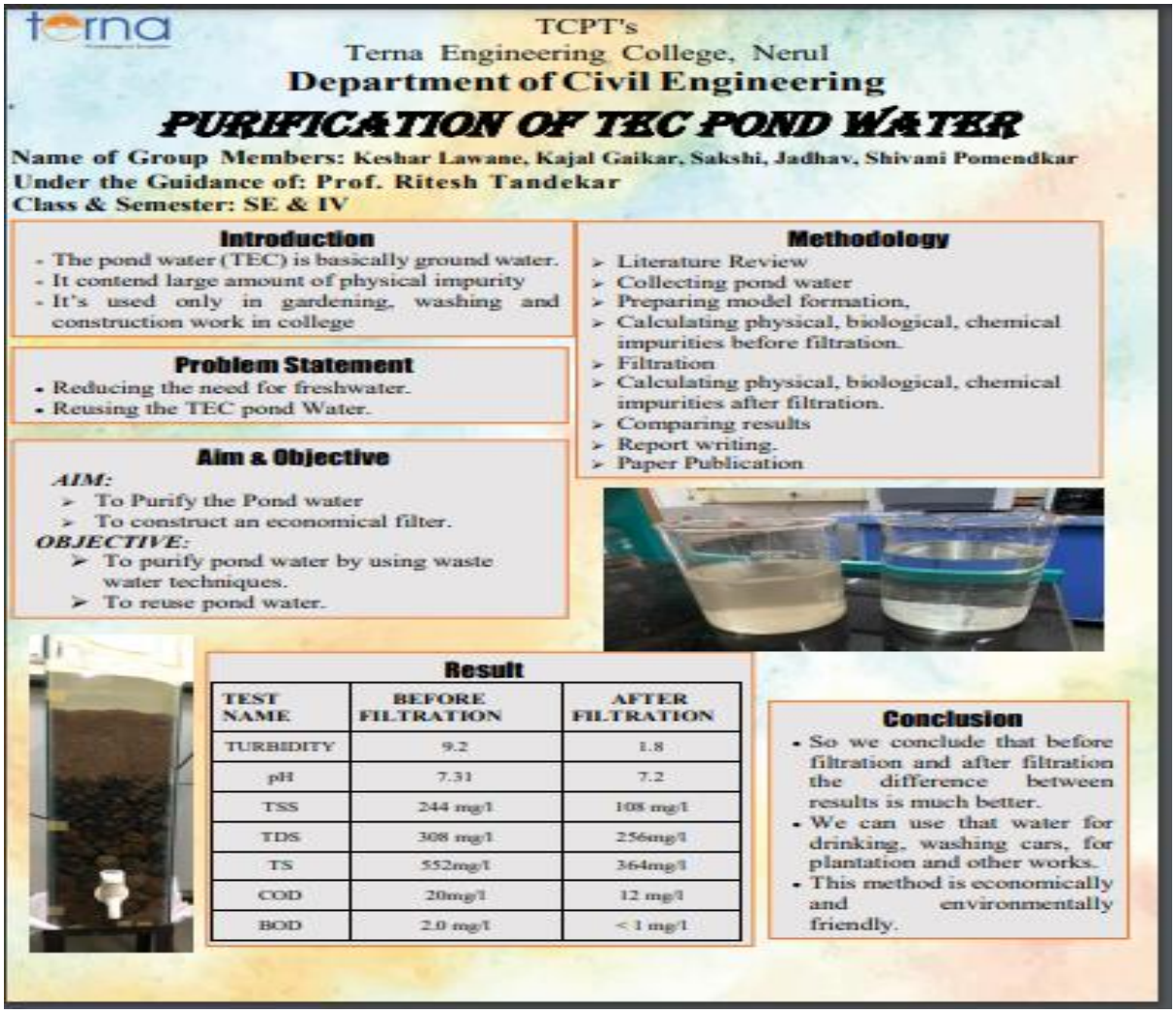


Fig. Project on pond water purification

Students and staff are sensitized on contributing towards the importance of water conservation and reducing water wastage through events to mark World Water Day and displaying presentations and posters on digital notice boards

Bore well /Open well recharge

Bore well recharge is done with rain water .It is installed in campus near to boys hostel and rain water is collected from terrace used to regenerate water in the bore well by absorbing it.

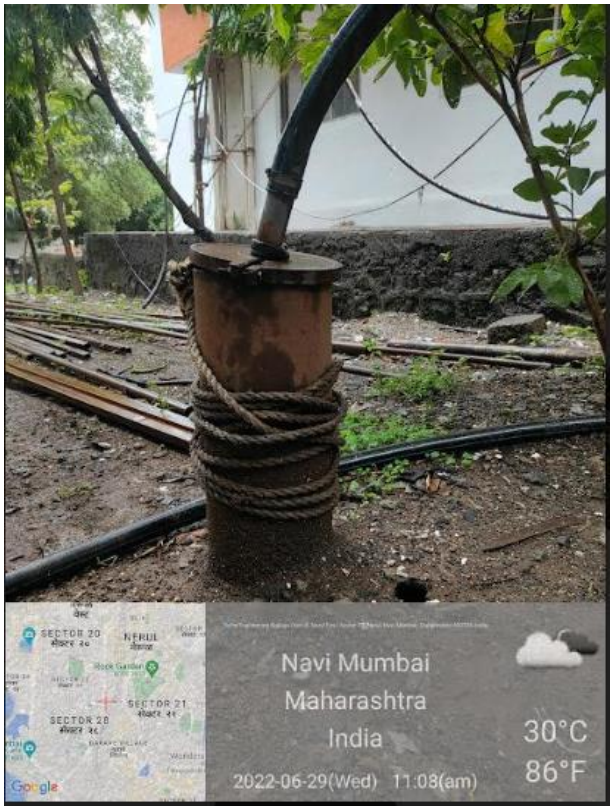


Fig. Bore well at TEC campus

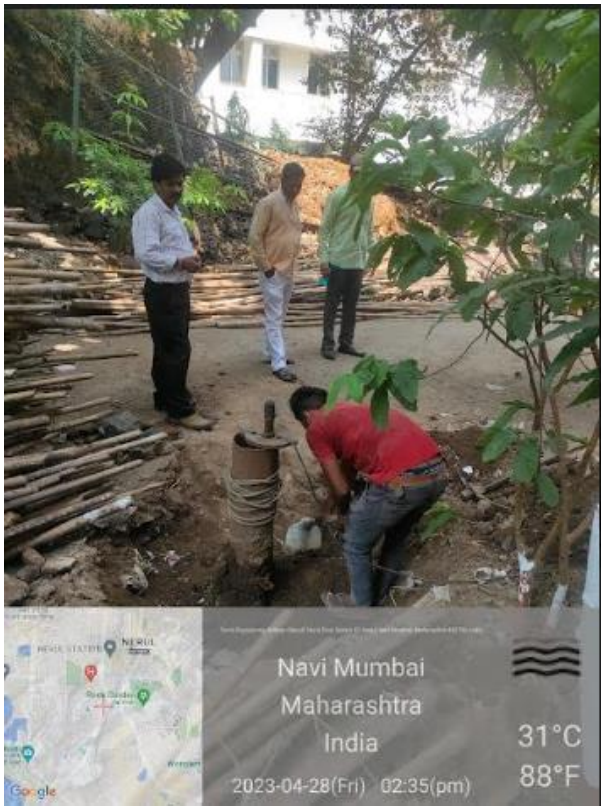


Fig. Bore well Recharging

Energy conservation

We have taken a renewable energy initiative to reduce our electricity consumption and Save Energy by installing 13 Solar panels of capacity 33 KWH on the rooftop of the TEC. By using renewable energy we don’t only reduce our electricity consumption from grid but it also helps indirectly in reducing the Air and land pollution created by burning coal in thermal power plants and disposing fly ash (major waste generated from thermal power plants).LED bulbs (Lights) have been provided in all the buildings. Most of the street lights have been with LED lights, remaining bulbs of Street lights & in the rooms of various hostel blocks

are also being replaced whenever needed. Playground lights also have LEDs.

Green practices on campus

TEC prioritizes green practices for sustainable environment and inculcates an empathetic culture towards the environment among its students and staff. The buildings on the campus are thermally, visually and acoustically comfortable. They are energy, material and water efficient. TEC has implemented green practices by digitization of academic and administrative processes, and effective waste management. Students are sensitized about green practices during their orientation programmes, Environmental Studies class, poster competitions, practical assignments and celebrations like World Water Day, Environmental Day, Swaccha Bharat Abhiyan etc. Green practices are a way of life at TEC.

1) Students, staff using Public Transport and car pooling

TEC is well connected by various modes of public transport like suburban railway, city bus services, cab services etc.
Maximum students and staff use public transport services. Nerul railway station is within the range of 1 km from college convenient students and staff. Bust stop is also next to TEC gate.
Many students avail railway concession facility. Some of the staff members use car-pooling and save fuel, and contribute towards reducing carbon emissions and conserving energy.

Fig. Car pooling

2) Plastic free campus campaign:

A 'No Plastic' Awareness Campaign was conducted by NSS team at TEC to share the hazards of indiscriminate use of plastic. Being conscious towards the environment, TEC prohibits the use of Styrofoam on the campus and minimizes the use of plastic.

Fig. Plastic free campus initiative

Fig. “Bottles for Change”: Seminar on various aspects of Plastic Waste Management.

3) Green landscaping with trees and plants:

Green landscaping at TEC includes eco-landscaping which is designed and maintained in such a manner that it saves time, money, and energy. It contributes to reducing air, soil, and water pollution; and making healthy recreation spaces.

The TEC campus has a well-designed landscape which includes approximately 300 trees, shrubs and plants. It is maintained by water collected in pond during rainy days.

Fig. Green campus initiative in TEC

Fig. Green campus initiative in TEC entrance

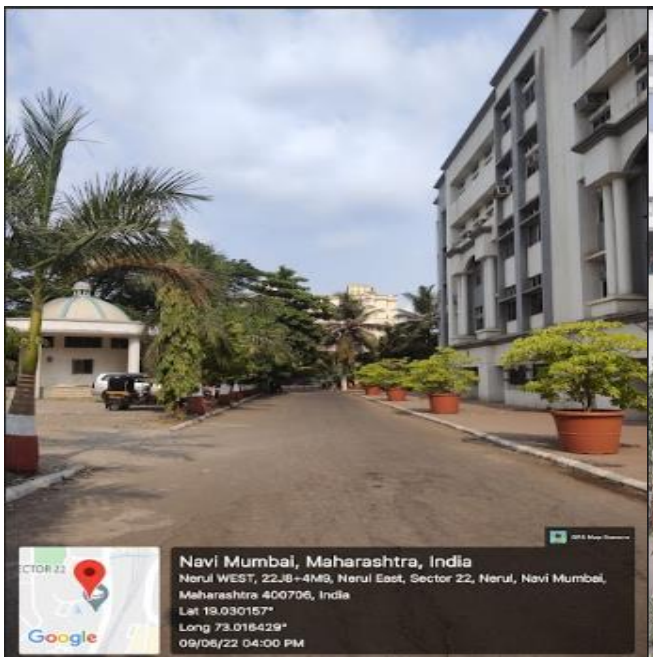


Fig. Landscaping in TEC

Fig. Green campus initiative in TEC

4) Disabled-friendly, barrier free environment

The fundamental principles which have been followed at TEC are various facilities to meet disabled people's standards for safety, convenience and usability. This construction and maintenance standard are followed in all categories of buildings and facilities used by the students for making accessible to and functional. Wheel chair is available at ground floor near room no.024 for physically disabled persons as pictured below.

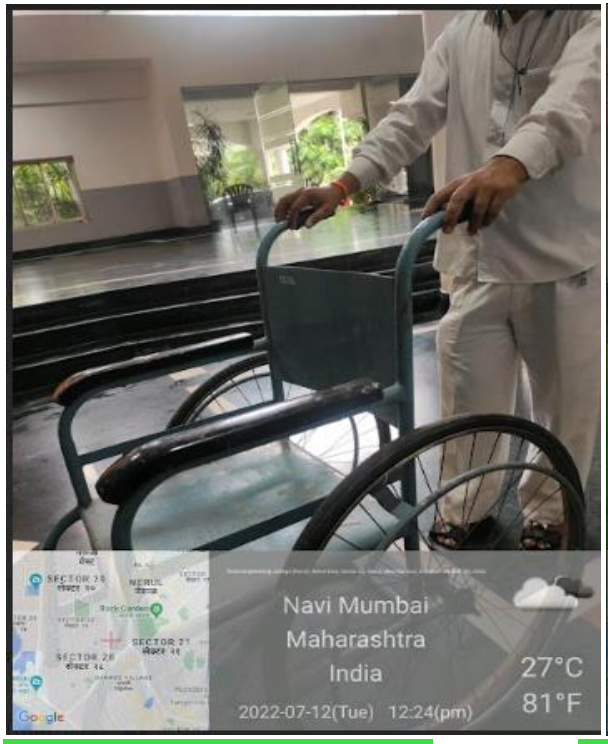


Fig. Wheel Chair in Campus

Fig. Wheel Chair available at ground floor

Ramp for physically disabled person is available. TEC provide two ramps where stairs obstruct the free passage of pedestrians, mainly wheelchair users and people with mobility problems.

Fig. Ramp for physically disabled person

Washrooms for physically disabled persons is available on ground floor. TEC provide sufficient accessible space inside rest rooms, with all fixtures and fittings being within easy reach.

Fig. Washrooms for physically disabled persons

Fig. Washrooms for physically disabled persons

Lift Facility: An elevator is installed in a building that makes it easier for people with disabilities to navigate floors. They are especially helpful for people who need assistance going up and down. In TEC building we have 4 lifts .

Fig. Lift facility at TEC