



TKR COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

(Sponsored by TKR Educational Society , Approved by AICTE, Affiliated by JNTUH,
Accredited by NBA & NAAC with 'A' Grade)



7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants



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CLEAN AND GREEN CAMPUS

POLICY DOCUMENT

About the College:

TKR College of Engineering and Technology – a modern temple of learning, an off shoot of the TKR Educational Society was established in the year 2002 in a sprawling, lush green 20 acre campus at Meerpet, Hyderabad. The college provides a serene and tranquil environment to the students, boosting their mental potential and preparing them in all aspects to face the cut-throat global competition and emerge victorious with a smile on the face.

Sri Teegala Krishna Reddy, the erstwhile Mayor of Hyderabad, is the founder chairman of TKR Educational Society. A Philanthropist by nature, “the friend of man, to vice alone of foe”, and with an urge to see our students excelling themselves in all fields prompted him to start the educational society; making it easy for education to be within arm’s length of even a rural student and providing them with a cordial ambience for pursuing their dreams and upholding moral and ethical values.

The college works towards creating a green, pollution-free and healthy environment with a missionary zeal and dedication. The students are given strict instructions to maintain a clean and green campus and this is reflected in the college Prospectus.

The Clean and Green Campus Policy

The Green Campus Policy of the college envisions a Clean and Green Campus where environmental friendly practices and education combine to promote sustainable and eco-friendly practices in the campus and beyond the campus. It also offers the institution an opportunity to take the lead in redefining its environmental culture through instilling environmental ethics among the students and staff.


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Objectives

- To sensitize the students and the staff to minimize the use of polluting products and use environment-friendly products and services.
- To instil the importance of cleanliness for a healthy life
 - To Create awareness about environmental issues by organizing Events, Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Workshops, presentations, Tree Plantation Drives, Photography Competitions, Rangoli Competitions, Essay Competitions, Study Tours, Guest Lectures, Talks, etc.
- To make students and staff aware about raising voice against the hazardous practices destroying Nature and promote environment friendly practices among the society.

Initiatives Taken to Implement the Clean and Green Campus Policy

The Institution is committed to managing its campus in accordance with its Clean and Green Campus Policy by establishing the following infrastructure and carrying out the following activities:

- **Landscaping with Trees and Plants**
- **Ban on Single-Use Plastic**
- **Street Lights Controller**
- **Use of LED Bulbs/Tubes and Power Efficient Equipments**
- **Solar Water Heater in the Girls' Hostel**
- **Rainwater Harvesting**
- **Biogas Plant**
- **Paperless Office and Communication**
- **Solid Waste Management**
- **Water Management**
- **E-waste Management**
- **Display Boards to Promote Environmental Sensibility on College Campus**
- **Installation of Incinerator in the Girls' Common Room**
- **The Green, Environmental and Energy Audit**


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Landscaping with Trees and Plants

As per the Clean and Green Policy of TKR College of Engineering & Technology Meerpet, the college strives to plant various types of ornamental and wild plant species of trees in large numbers within and outside the campus. Gardeners and full time adequate support staff have been appointed for the maintenance of gardens and keeping the campus litter-free, clean and green campus.

Ban on Single-Use Plastic

The campus of TKR College of Engineering & Technology is a plastic-free campus where there is a complete ban on single-use plastics in classrooms, laboratories, canteen, hostel, and in the other premises. The college facilitates environment friendly substitutes like stainless steel, washable and reusable tumblers at all water units and mandates the canteen to serve only in stainless steel or paper plates/glasses/cups to systematically ban the use of plastics on the campus.

Street Lights Controller

To minimize the use of electricity consumption and make the maximum utilization of the available resources, the college has installed PV current sensing system for Dusk to Dawn fully automatic ON/OFF switching of street lights. Use of LED bulbs/ Power-Efficient Equipment More than 90% electric lights and all the computers of the college are LED enabled. The other equipment's are also purchased taking into account their power-efficiency.

Solar Water Heater in the Girls' Hostel

Apart from the Solar Energy Plant for the Street Lights, Solar Water Heater is installed in the Girls' Hostel of the college for fulfilling the requirement of Hot water.

Rainwater Harvesting

The college ensures rain-water conservation through rainwater harvesting. The rain water from the roof top outlets is carried through the well connected pipelines to the wells or is collected in the large water harvesting tanks and the overflowing rain-water from these tanks is discharged in the soak-pits for ground water recharge.



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Biogas

A Biogas Plant has been installed in the Girls' Hostel of the college. It has a capacity of 2000 Ltr. and can produce Methane gas equivalent to 500 gms equivalent of LPG per day. The raw material used for the plant is Cow Dung. This gas is not explosive as that of LPG, so it is very safe to use. There is no threat of leakage or storage of gas.

Paperless Office and Communication: -

The college has a policy to minimize the use of paper in all types of official/academic communication of the college through E- Communication. **The use of paper is substantially reduced through digitization. One-side blank pages are used to avoid wastage of paper.** All the college staff have been provided the college E-mail IDs through which they make all the required official and college-related communication. What's app - Class-wise groups, Department wise groups, Committee wise groups have been formed which have reduced the usage of paper in notices and circulars. Moreover, the college has avoided massive usage of paper by introducing the "Learning Management System" wherein references, notes, syllabi, question banks, study material are stored and shared on the e-platform.

This practice has proved highly beneficial to save money, boost productivity, save space, make documentation and information sharing easier, and help the environment.

Solid waste Management

The Solid waste generated in the campus is segregated as bio degradable and non-degradable and handed over to Greater Hyderabad Municipal Corporation as a part of Swachh Bharat Abhiyan and "Swachh Hyderabad"

Water Management

The water for all other purposes is supplied through another set of distribution pipes. The college has two wells with ample water. The ground water from the wells is pumped into the storage tanks / elevated service reservoirs located at different places in the campus. The water is distributed through well-laid pipe network.

The Entire distribution system is well supervised by the college administration to ensure that there are no leakages and wastages of water through Leakages in the pipelines and the water-taps etc. Regular cleaning of the water tanks is regulated by the administrative staff of the college. All the stakeholders of the college are well-educated to use water economically and efficiently

E-waste Management

The College has started reusing the electronic components from the discarded instruments, PCs, UPS, etc. such as transformers, transistors, ICs, Capacitors, Inductors, Resistors, Connectors, Sockets, Switches, Wires, LEDs and other electronic or electrical devices to fabricate the instruments and experimental kits that are used across the departments.

The students and faculty have also involved in the maintenance and repairs of the instruments and experimental kits, which led to increase their life and the optimum uses. This have not only become a step towards the E-waste management but also cultivated innovative ideas among the students and the faculty. The students have also gained many skills through these activities.

Display Boards to Promote Environmental Sensibility on College Campus

Various boards including Quotes that promote environmental awareness and ethics including, plastic-free campus, conservation of energy, recycling of resources, tree plantation, Nature conservation, etc. are displayed for all the stakeholders of the college.

Installation of Incinerator in the Girls' Common Room

The college has installed an Incinerator for the disposal of sanitary pads in the Girls' Common Room as a step towards eco-friendly disposal mechanisms.

The Green, Environmental and Energy Audit

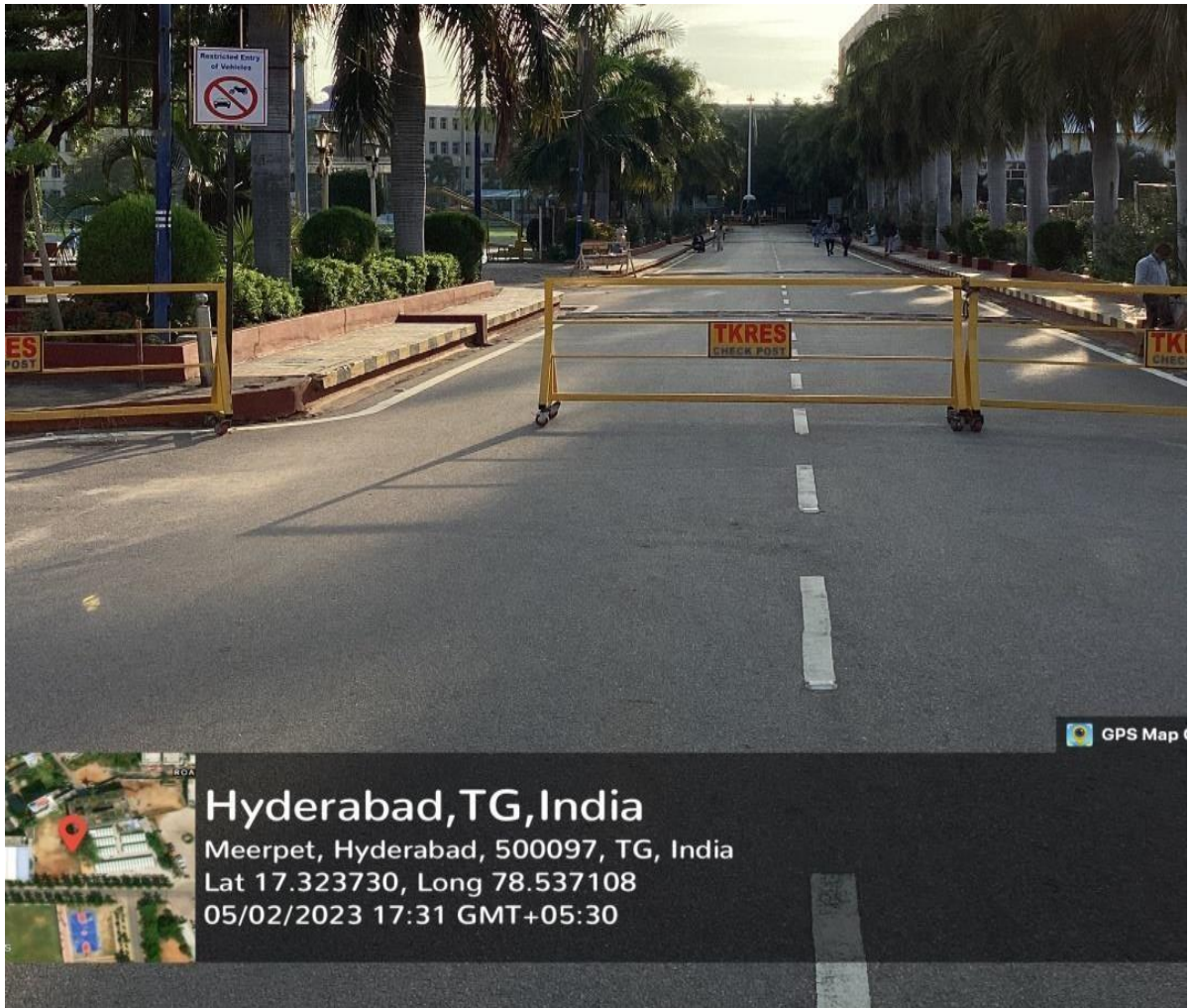
The Green, Environmental and Energy Audit of the college is done by Ms. Sunitha. The initiative regarding this is taken by the Department of ECE of the college.



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7.1.5 Green campus initiatives include:

1. Restricted Entry of Automobiles



Restricted Entry for Automobiles

2. Use of Bicycles/ Battery Powered Vehicles



Battery Powered Vehicles

3. Pedestrian Friendly Pathways



Tactile Pathway

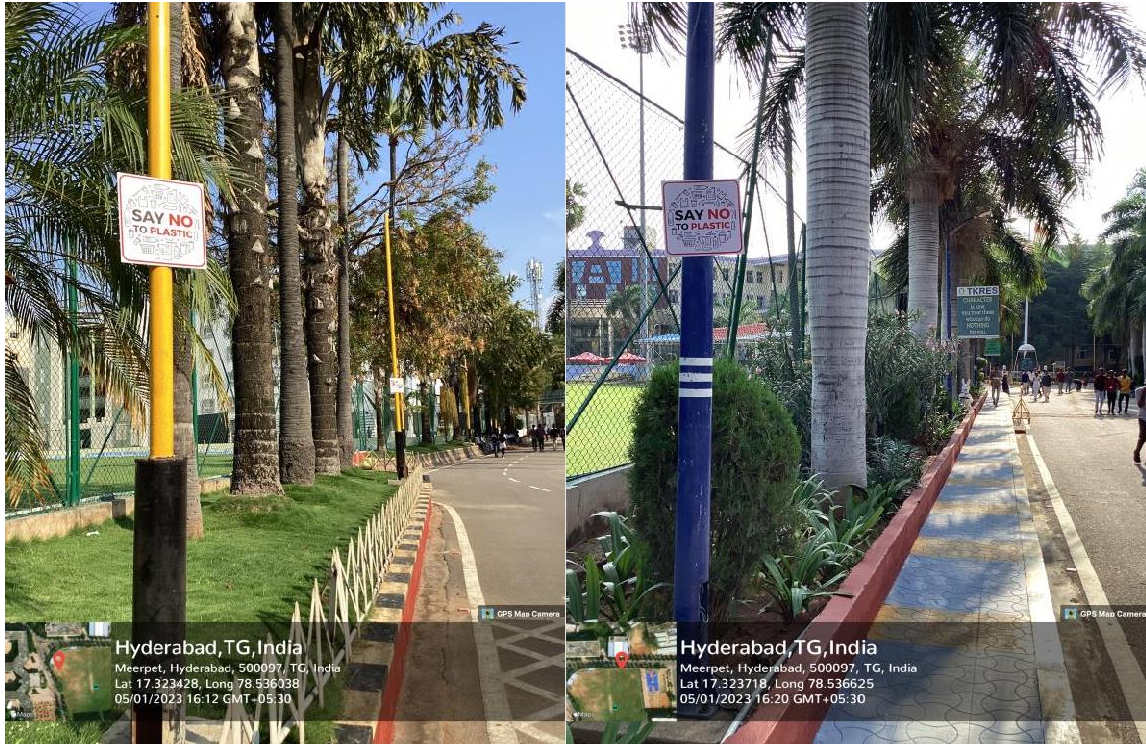


Tactile Pathway with lavish green elevated trees

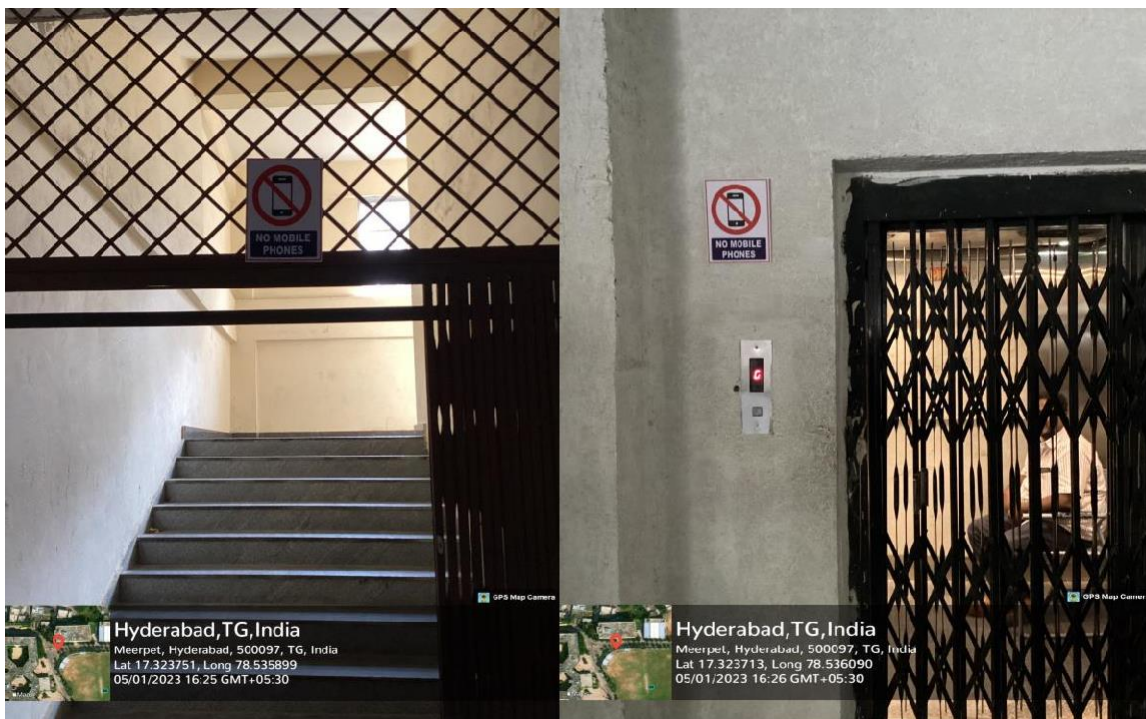
4. Ban on use of Plastic



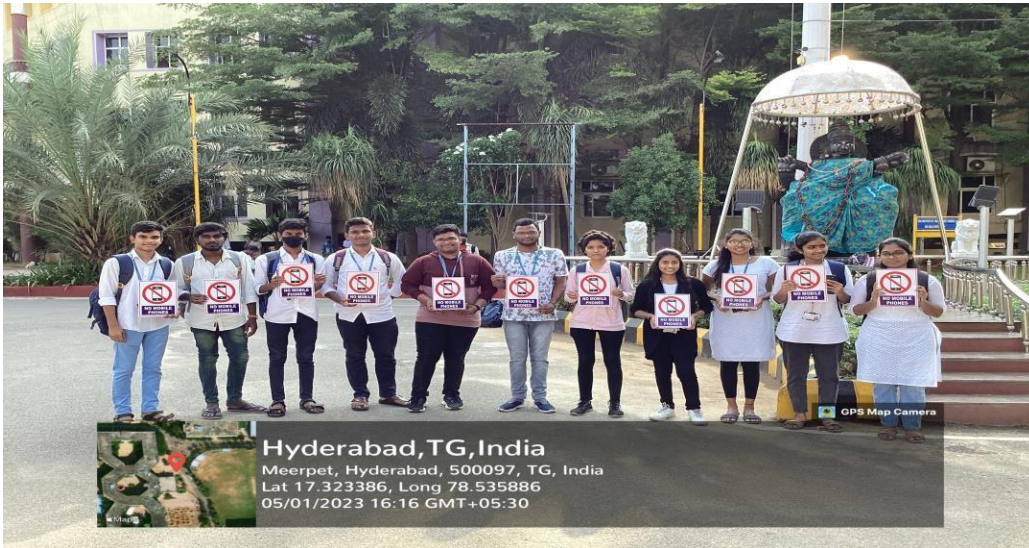
Signboards showing Ban on use of plastic in campus



Signboards showing Ban on use of Plastic in campus



Mobile Phone Restricted Zone Sign Boards in campus at lift and staircase in every floor



Awareness on “No to Mobile Phones” in campus

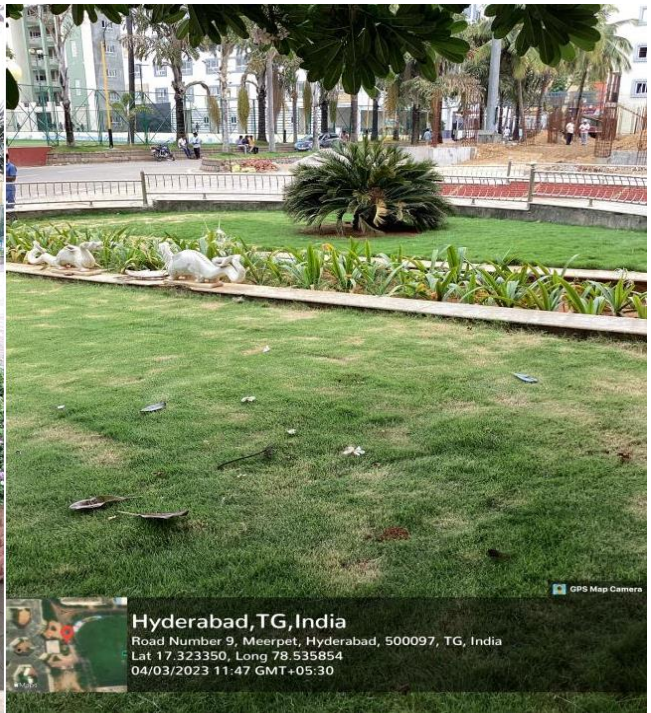
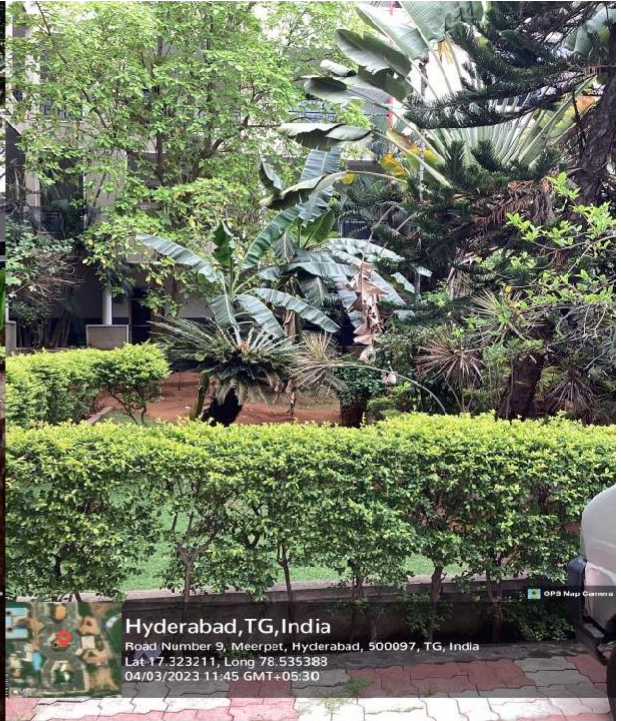
5. Landscaping with trees and plants



Landscape Gardening with Trees & Plants



Beautiful Landscape Gardening with Trees and Plants in the Campus



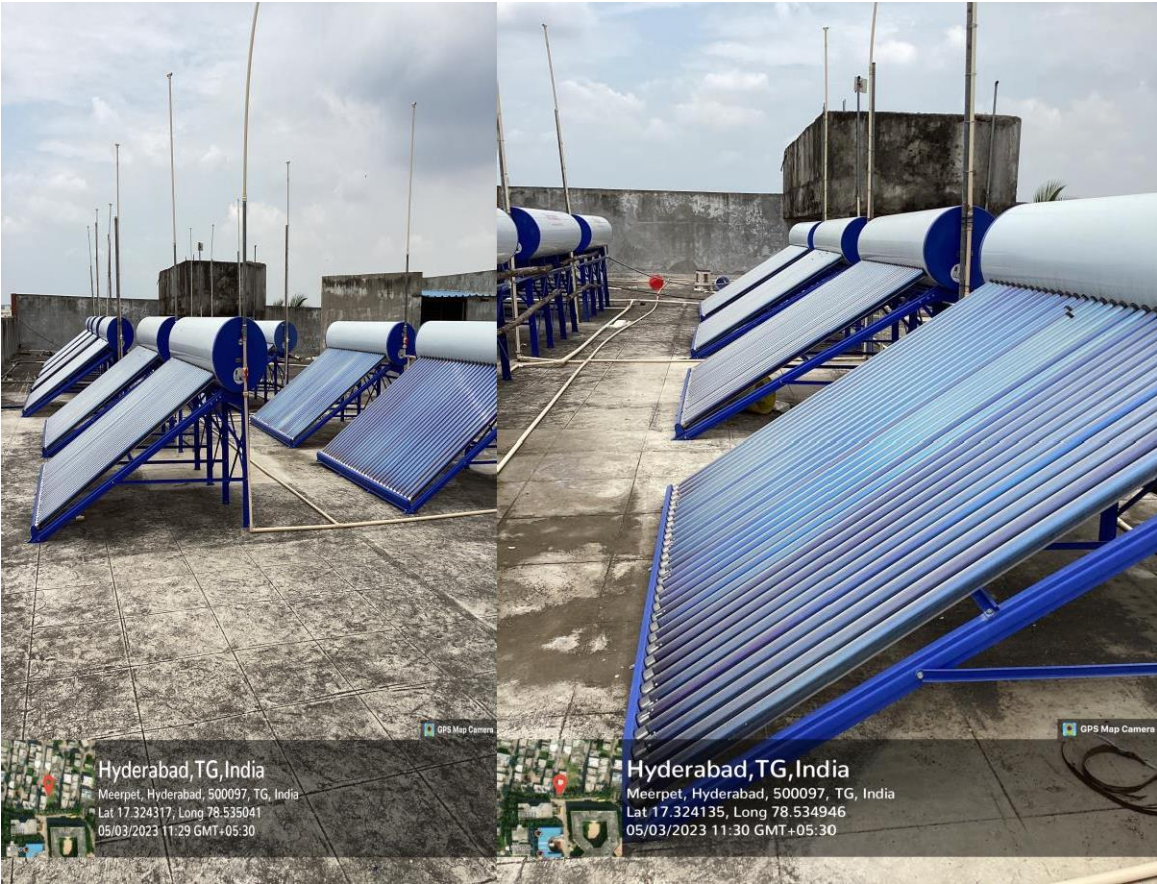
Enhancing Campus Greenery with Trees and Plants through Landscape Gardening

Installation of Incinerator in the Girls Common Room



Installation of Incinerator in the Girls Common Room

Solar Water Heater



Solar Water Heater Installed in Girls Hostel



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CIRCULAR

Ref.No:TKRCET/Principal/Admin/2021-22

Date 25.03.2022

In an effort to reduce pollution and promote sustainable transportation options, we are implementing a vehicle entry restriction in our campus starting from the beginning of the next month.

As a part of this initiative, only battery vehicles and bicycles will be allowed inside the campus, while petrol/diesel vehicles will be restricted. We request all students, faculty, and staff to cooperate with this new policy and use battery vehicles or bicycles as much as possible while commuting within the campus.

This policy aims to reduce carbon emissions and promote a healthier lifestyle, by encouraging physical activity through cycling and reducing vehicular pollution. We hope that this initiative will be successful in creating a cleaner and greener campus.

Thank you for your cooperation in making our campus a sustainable environment for all.

Principal

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CIRCULAR


TKRCET/Circular/05/2021-22

Dt: 25.03.2022

Plastic and other Toxic material are ruining the environment it is the responsibility of every citizen to reduce or to totally stop the use of plastic. Plastic covers and bottles should be banned from production.

A talk on the reduction in the use of plastic and how plastic ruins the environment will be delivered on 26.03.2022.

Copy to
The chairman
To all the members of the committee


Principal
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Ref.No:TKRCET/Principal/Admin/2020-21/25

Date: 23.07.2021

CIRCULAR

Students are hereby instructed to make restricted use of Mobile Phones in the college campus. The use of Mobile Phones is strictly prohibited in the class rooms.

Principal

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Tax Invoice



ASDAC Enterprises

2-C, Laxmi Apts. Sy no.115, Oppt.Subregister
-Office, Bowenpally, Brig.Syed Road.
Dist. Medchel Malkajgiri, Rangareddy
Telangana State, Pin.500011.

Supplier GSTIN: 36AFJPD2097J2Z9

State Name & Code: TS /36

Buyer's Ref.: Order Confirmation, Dtd.07/09/22

Registered Billing Address :

TKR Educational Society (Rgn :6490/2001)
#16-2-751/A/31/C, Thirumala Hills, Asman Gandh,
Malakpet, Hyderabad-36, T.S.
Buyer GSTIN No :XXXXXX
State Name & Code: TS /36

Invoice No. SLR/22-23/024

Invoice Date: 17/12/2022

Banking Details:

Bank: State Bank of India

A/c No. 062491183821

IFSC Code: SBIN0020299

Delivery Address :

Boys Hostel Buildings
TKR Educational Society Campus
Meerpet, Hyderabad, T.S.

Amount in INR

S.No.	PRODUCT	HSN code	QTY	Unit rate	Taxable value	CGST		SGST		IGST	
						% Rate	Amount	% Rate	Amount	Rate	Amount
1	Solar Modules-540Vdc-Monocrystalline-Perc	8541	132	18815	24,83,580	6.0	1,49,015	6.0	1,49,015	---	----
			1		24,83,580		1,49,015		1,49,015		

Invoice Terms:


1. No service / products warranty on repairs/replacement- if parts are in good condition and as per Manufactureres warranty terms & Ploicies only, the warranty is Viod, if any physical damage/cracks, tampered/burn
2. Goods once sold are not taken back, also no warranty on services/ reaping works done
3. Customers understand, accept & agree that the warranties in respect of equipments supplied here under are given by the manufacturer & thereof and ASDAC Enterprises shall not be held responsible in any matter whatsoever inrespect therof
4. No Warranty on consumable, cables /eletcrical items ,Hard disks, metallic structures, civil works etc.
- 5.Payment should be sebt by Cheque/DD/RTGS/NEFT payable at Hyderabad
- 6.Incase of disputes only Medchel-Malkajgiri Dist. courts jurisdiction
- 7.Bank Charges & 18% interest on defaulted or delayed perirod of payments of the inoiced value, if any.

Taxable value	24,83,580
CGST	1,49,015
SGST	1,49,015
IGST	---
Freight	10,000
Invoice Value	27,91,610

For ASDAC Enterprises


 (Authorized Signatory)

Thank You for your Business & assuring of best support


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