



7.1.2 The Institution has facilities and initiatives for

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**
- 5. Disabled-friendly, barrier free environment**

Options:

- A. 4 or All of the above
- B. 3 of the above
- C. 2 of the above
- D. 1 of the above
- E. None of the above

Response: A

S.NO	CONTENT	Link to Document
1	Alternate sources of energy and energy conservation measures	View Document
2	Management of the various types of degradable and non-degradable waste	View Document
3	Water conservation	View Document
4	Green campus initiatives	View Document
5	Disabled-friendly, barrier free environment	View Document

7.1.2.1. Facilities for Alternative Sources of Energy and Energy conservation Measures

- College is also taking initiatives for enhancing the use of renewable energy.
- Designing classrooms with one side open and three sides closed is a concept that focuses on maximizing natural ventilation and making efficient use of natural resources. This design approach has several advantages:
 - a) Natural ventilation
 - b) Energy Efficiency
 - c) Daylighting
 - d) Connection with nature
 - e) Health and well-being
 - f) Cost savings

Promotion of “Save Energy Tips” in and outside the Institute:

- Activate power management features on your computer and monitor so that it will go into a low power "sleep" mode when you are not working on it.
- Turn off your monitor when you leave your Table.
- Activate power management features on laser printer.
- Whenever possible, shut down rather than logging off
- Turn off unnecessary lights and use daylight instead.
- Avoid the use of decorative lighting.
- Keep lights off in conference rooms, classrooms, lecture halls when they are not in use.
- Use the fans only when they are needed.
- Unplug appliances not plugged into power strips(like TVs, Refrigerators, ACs, Tea / coffee pots, printers, faxes and chargers etc.)

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. College Solar System:



Fig: Solar power panel

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Fig: Solar water heating system


 Accutech Infosystems Pvt. Ltd. 31/7, 2RT, Prakash Nagar, Begumpet, Hyderabad -500 016, Telangana GSTIN: 36AADCA3137A1ZC																
Bill to Party				Deliver to/Ship to Party				Invoice Details								
SRI RAJESHWARA EDUCATIONAL SOCIETY C/O SRK UNIVERSITY, Anantha Sagar (V), Hasanparthy (M), Hanumakonda - 506371, Telangana State PAN No: ABBH259/L State: Telangana Code: 36				SRI RAJESHWARA EDUCATIONAL SOCIETY C/O SRK UNIVERSITY, Anantha Sagar (V), Hasanparthy (M), Hanumakonda - 506371, Telangana State PAN No: ABBH259/L State: Telangana Code: 36				Invoice No: 3003919 Invoice Date: 10-07-2023 P.O. No : SRU/EM/28122022								
Sl. No.	Goods / Service Description	HSN Code	Qty	Units	Rate	Amount	Discount		Taxable Value	IGST /		SGST / UTGST		CGST		Total
1	250kW Solar Power Generating System	8500000000	1	Sets	11125000.00	11125000.00	Rate	Amount	11125000.00	Rate	Amount	Rate	Amount	Rate	Amount	12660250.00
Total						11125000.00			11125000.00			767625.00		767625.00		12660250.00
Remarks RCM Charges are not applicable										Round Off Advance Amount Received Balance Amount to be released			0.00 11594225.00 1266025.00			
Terms & conditions (e) This invoice only for advance payment purpose. (h) Taxes as applicable at the time of Delivery Declaration: We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax 2002, is in force on the date in which the sale of the goods specified in this TAX INVOICE made by me/us and that the transaction of sale mentioned in this TAX INVOICE has been effected by me/us and is accounted for in the turnover of sales while filing or return and the due tax is any payable on the sale has been paid or shall be paid. Bank Name: Union Bank of India Bank IFSC Code: UBIN0000143 Account Number: 510101000854831 Bank Address: Gate, L-2-255, G&H, Park Lane Mahatma Gandhi Road, Warangal										Common Seal Party's Signature			Authorized signatory			

Fig: Solar energy system Invoice



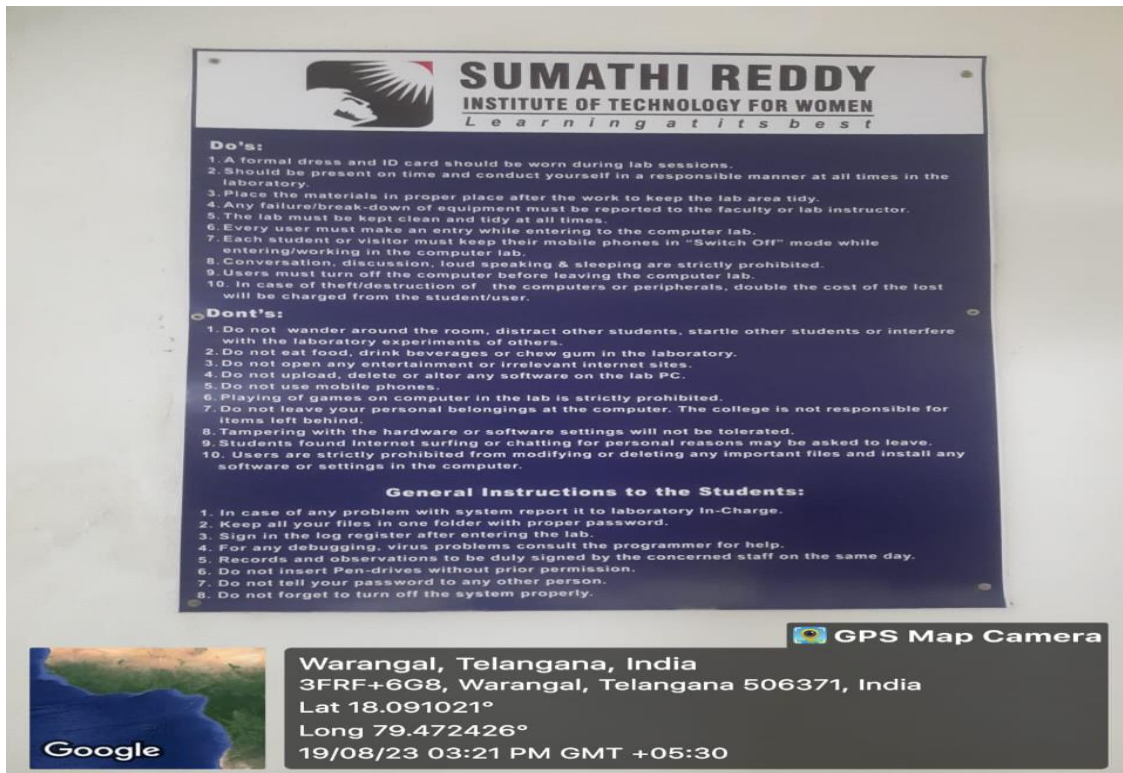
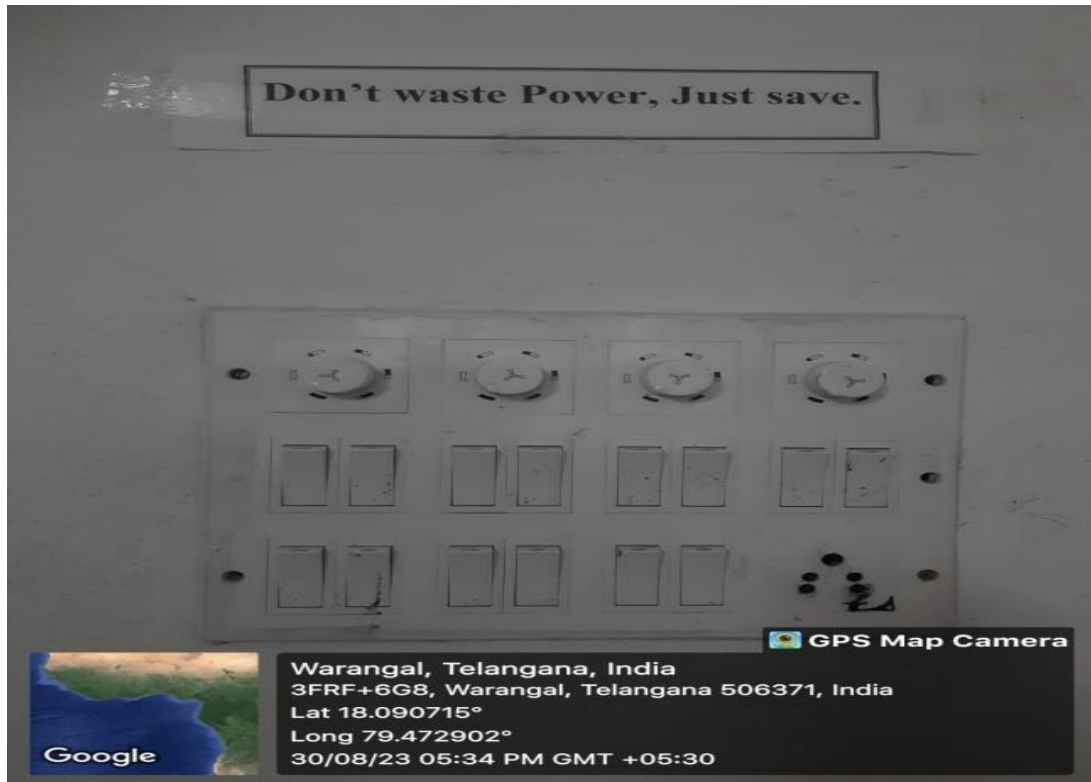


Fig: Save energy promotion tips in campus

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Fig: LED tubes and lights

GSTIN/UIN: 36ADFPK4256J1ZE
State Name: Telangana, Code: 36

Tax Invoice

Party: **SUMATHIREDDY INSTITUTE OF TECHNOLOGY FOR WOMEN**
State Name: Telangana, Code: 36

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	GBB-12-6.5K GLO-12W LED BULB-B22	8539	50 pcs	160.71	pcs		8,035.50
2	FTL36 (FLOROUSCENT TUBE LIGHT 36W)	85393190	20 NOS (0.67 CAR)	32.20	NOS		644.00
3	4WAY GANG BOX	8538	30 NOS	50.85	NOS		1,525.50
4	15A POWER PLUG WITH GANG BOX	8538	5 NOS	127.12	NOS		635.60
5	PVC CASINGS	3917	20 NOS	38.14	NOS		762.80
6	19mm Casing	3917	15 NOS	29.66	NOS		444.90
7	20mm Pvc Flexible Pipes	3917	1 Rol	254.24	Rol		254.24
8	15A 3PIN TOP 1159	8536	10 pcs	50.85	pcs		508.50
9	Pvc Insulation Tape	3919	20 NOS	7.63	NOS		152.60
							12,963.64
CGST							925.66
SGST							925.66
Round Off A/c							0.04
Total							Rs. 14,815.00

Amount Chargeable (in words) **Indian Rupees Fourteen Thousand Eight Hundred Fifteen Only**

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
8539	8,035.50	9%	723.20	9%	723.20	1,446.40
85393190	844.00	9%	75.96	9%	75.96	151.92
8538	2,669.60	9%	240.27	9%	240.27	480.54
3917	1,461.54	9%	131.57	9%	131.57	263.14
3919	152.60	9%	13.73	9%	13.73	27.46
Total	12,963.64		925.66		925.66	1,851.32

Tax Amount (in words) **Indian Rupees One Thousand Eight Hundred Fifty One and Thirty Two paise Only**

Company's Bank Details
Bank Name: KARUR VYSYA BANK
A/c No.:
Branch & IFS Code:

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for SRI RAGHAVENDRA ELECTRICALS
Authorized Signatory

This is a Computer Generated Invoice

Fig: Sample bill for the purchase of LED Bulbs

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7.1.2.2 MANAGEMENT OF VARIOUS TYPES OF DEGRADABLE AND NON-DEGRADABLE WASTE

In the SRITW, Institution activities to keep the environment green and pollution free are encouraging and evolving best efforts to manage waste from its source until its final disposal is done. This includes the collection, transport, treatment and disposal of waste.

Solid waste management:



Fig: Trash cans in campus



Fig: Municipality vehicle collecting Garbage



Liquid waste management: The institute has effective reuse of waste water from RO plant, domestic waste water treated by using Jaggery and resulting water is used for watering the green areas.



Fig: Waste water treatment



Fig: Recycled water for plants

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E-waste: The e-waste includes a wide range of electronic and electrical items such as computers, printers, keyboards etc. Electronic machines and goods are put to optimum use. The institute takes efforts to minimize e-waste by repairing the computer peripheral and electronic components.

E-waste generated from various departments which cannot be reused or recycled is being disposed of centrally through certified eco-friendly vendors. Any damages or reductions in capacity are set right by repairs. In addition, the college has emphasis on minimum paper usage to save carbon emission in printers



Fig: E-Waste Management

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E-WASTE MART
(An Environmental Friendly Company)
Govt. Authorized E-Waste Recyclers

Office Address: 2/3, RAIGAD CHS LTD, LT NAGAR, AG LINK ROAD NEAR GANESH MANDIR, ANDHERI EAST, Mumbai, Mumbai Suburban, Maharashtra, 400072
 Factory Address: Survey No. 94, Gala No.6, Umar Compound, Jabar Pada, Nalasopara, Vasai, Palghar-401 208
 Mob.:+91 9855113331 Mail: info@ewastemart.com/ Website: www.ewastemart.com

Form-5
(See rule 19)

E-WASTE MANIFEST

1. Sender's name and mailing address (Including Phone No.):	SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN, ANANTHASAGAR, HASANPARTHY, WARANGAL, ANDHRA PRADESH
2. Sender's Authorisation No., if applicable:	
3. Manifest Document No.:	EWM/23-24/184
4. Transporter's Name and Address (Including Phone No.):	E-WASTE MART
5. Type of Vehicle:	(Truck / Tanker / Special vehicle / Tempo)
6. Transporter's Registration No.:	27AAIF58202G12K
7. Vehicle Registration No.:	
8. Receiver's Name & Address:	E-WASTE MART Survey No. 94, Gala No.6, Umar Compound, Jabar Pada, Nalasopara, Vasai, Palghar
9. Receiver's Authorisation No., if applicable:	MPCB E-WASTE LICENCE No: MPCB/HQ/HQ/HQMD/Author/18/EW-288 Validity Period upto - 30/09/2026
10. Description of E-Waste (Item, Weight/Numbers):	
11. Name and stamp of Sender* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or dismantler):	Signature: _____ Month: _____ Date: _____ Year: _____ S E P 2 7 2 0 2 3
12. Transporter Acknowledgment of receipt (Name and stamp):	Signature: _____ Month: _____ Date: _____ Year: _____ S E P 2 7 2 0 2 3
13. Receiver's (Collection centre or Refurbisher or Producer or Recycler) Certificate of Receipt of E-waste (Name and Stamp):	Signature: _____ Month: _____ Date: _____ Year: _____ S E P 2 7 2 0 2 3

*As applicable
Note ->

Copy number with Colour code (1)	Purpose (2)
Copy 1 (White)	
Copy 3 (Yellow)	To be retained by the sender after taking signature on it from the transporter and other three copies will be carried by transporter
Copy 2 (Pink)	To be retained by the receiver after signature of the transporter.
Copy 4 (Orange)	To be received by the transporter after taking signature of the receiver.
Copy 5 (Green)	To be retained by the receiver with his/her signature to the sender.

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Fig: A certificate of Govt. Authorized – E waste recyclers

7.1.2.3 Water conservation

a) Rainwater harvesting:

The Institute will take all necessary measures to implement waste water management/rain water harvesting. Rainwater harvesting is a way to capture the rainwater at the time of downpour, store that water above the ground or charge the underground water and use it later. The Institution has significant provisions for rainwater harvesting. A total of 13 rain harvesting pits are placed in the college. The rain water is channelized properly to recharge the ground water level.

Sno	Pit No	Location	Size (in ft) (L*B*D)	Valume
1	1-6	Back of CSE HOD cabin	8*6*6	288
2	7-11	Back of Library	8*6*6	288
3	12-13	At Amphitheatre	8*6*6	288

Table: Rain water harvesting pits



Fig: Rain Water harvesting pits



Fig: Sensor-based water management system



Fig: RO waste water storage sump

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7.1.2.4 Green campus initiatives

a) Green landscaping and plantation:

- Regular maintenance is carried out to sustain the greenness in all extreme weather conditions.
- The campus is visually appealing and presents a sense of peace through its lush green lawns, ornamental plants and various other trees.
- Every year, the NSS volunteers carry out plantation on the campus, under the scheme “HarithaHaaram”, an initiative of the Telangana government for a sustainable environment.

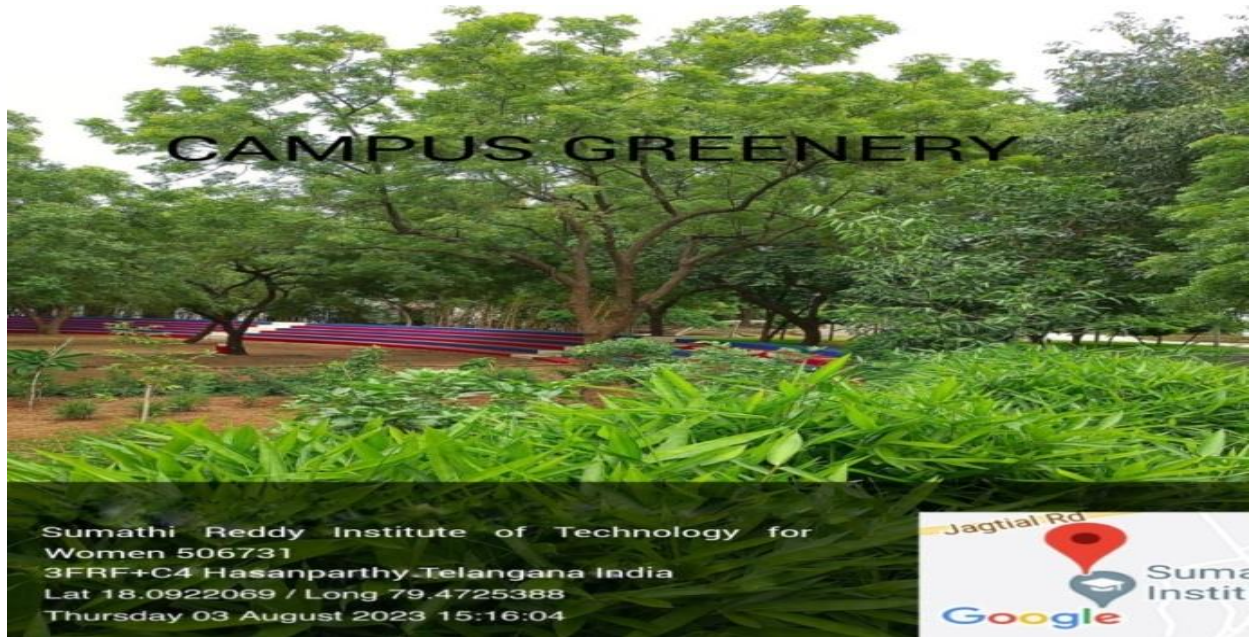


Fig: Campus Landscaping

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Fig: Haritha Haram (Tree plantation)



Fig: Plants in the campus

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Fig: Garden Sprinkler

b) Public transport

- Many students and staff use the institute bus facilities.
- The institute encourages public transport. The management obtained permission from RTC and a request bus stop came up at the main entrance, for the convenience of the students and staff. This also minimized the pollution.
- Carpooling is encouraged instead of a single user driven vehicle.
- Use of individual vehicles is discouraged as a measure of sustaining the environment.

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7.1.2.5 Disabled-friendly, barrier free environment

1. Physical facilities

2. Ramp / Rails

3. Rest Rooms

4. Scribes for examination

- All the classes for such students were proposed to be conducted in the ground floor.
- The examination branch was prepared to provide a scribe if needed, in adherence to rules of the University.
- Discrimination is strictly prohibited through proper counseling.



Fig: Disabled friendly toilets

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Fig: Wheel chair for Disabled persons



Fig: Ramp for Disabled persons

