



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



Rijan
Principal

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) Energy Efficiency
 - b) Daylighting
 - c) Connection with nature
 - d) Health and well-being
 - e) 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.)

[HOME](#)



Rijan

Principal

**Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)**

College Solar System:



Solar power panel

[HOME](#)



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)



Solar water heater

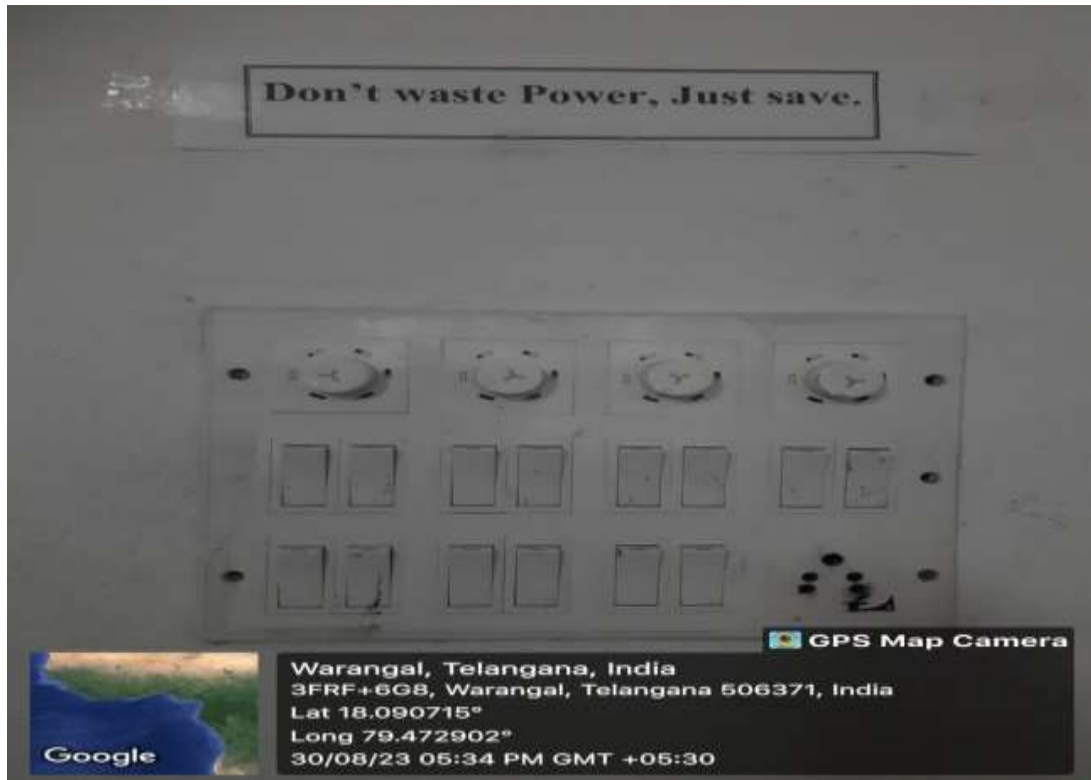
[HOME](#)



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)



[HOME](#)

Save energy promotion



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
 Ananthasagar (V), Hasanparthy (M)
 WARANGAL - 506 371 (TS)



LED tubes and lights

GSTIN/UIN: 39ADFFPK4266/J2E
State Name: Telangana, Code: 38

Tax Invoice

Party: SUMATHIREDDY INSTITUTE OF TECHNOLOGY FOR WOMEN
State Name: Telangana, Code: 38

Sl No	Description of Goods	HSN/SAC	Quantity	Rate	Net	Disc %	Amount
1	GBB-12.5 BK GLO-12W LED BULB-B27	8539	50 pcs	180.71	9035.50		9035.50
2	FTL36 (FLOROSCENT TUBE LIGHT 36W)	85393190	20 NOS (0.67 CAT)	32.20	644.00		644.00
3	4WAY GANG BOX	8538	30 NOS	50.85	1525.50		1525.50
4	1BA POWER PLUG WITH GANG BOX	8538	5 NOS	127.12	635.60		635.60
5	PVC CASINGS	3917	20 NOS	38.14	762.80		762.80
6	18mm Casing	3917	18 NOS	29.95	539.10		539.10
7	30mm Pvc Flexible Pipes	3917	1 Roll	284.24	284.24		284.24
8	1BA 3PIN TOP-1159	8539	10 pcs	50.85	508.50		508.50
9	Pvc Insulation Tape	3918	20 NOS	7.63	152.60		152.60
							12,683.64
CGST							926.68
SGST							926.68
Round Off A/c							0.04
Total							171.00
							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	6,035.50	9%	543.19	9%	543.19	1,086.38
85393190	6,444.00	9%	579.96	9%	579.96	1,159.92
8538	2,669.00	9%	240.21	9%	240.21	480.42
3917	1,481.94	9%	133.37	9%	133.37	266.74
3918	1,526.00	9%	137.34	9%	137.34	274.68
Total			926.68		926.68	1,853.36

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.

Sample bill for the purchase of LED Bulbs

[HOME](#)



Rijan
Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

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:



Trash cans in campus



Municipal 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.



Waste water treatment



Recycled water for plants

[HOME](#)



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

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



E-Waste collection

[HOME](#)



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

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

Office Address: 2/3, BANGAD CHS LTD, 17 NAGAR, AG LINE ROAD NEAR GANESH MANDIR, ANDHERI EAST, Mumbai, Mumba-Suburban, Maharashtra-400072
 Factory Address: Survey No. 94, Gola No.5, Umar Compound, Jalsar Pada, Nalasopara, Vashi, Palghar-401 208
 Mob: +91 8655113333 Mail: info@ewastemart.com/ Website: www.ewastemart.com

Form-B
 (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 Authorization 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 / Trailer / Special Vehicle / Tempo)
6. Transporter's Registration No.:	27AAFE2020128
7. Vehicle Registration No.:	
8. Receiver's Name & Address:	E-WASTE MART Survey No. 94, Gola No.5, Umar Compound, Jalsar Pada, Nalasopara, Vashi, Palghar
9. Receiver's Authorization No., if applicable:	MPCB E-WASTE LICENCE No: MPCB/RD/HQ/HSMO/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 Dissembler):	
Signature:	Month: Date: Year:
	5 8 P 2 7 2 0 2 3
12. Transporter Acknowledgment of receipt (Name and stamp):	Month: Date: Year:
	5 8 P 2 7 2 0 2 3
13. Receiver's (Collection centre or Refurbisher or Bulk Consumer or Recycler) Certificate of Receipt of E-waste (Name and Stamp):	Month: Date: Year:
	5 8 P 2 7 2 0 2 3

*As Applicable
 Note >

Copy number with Colour code (3)	Purpose (5)
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 retained 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

Certificate of Govt. Authorized – E waste recyclers

[HOME](#)



Rijan
Principal
 Sumathi Reddy Institute of Technology for Women
 Ananthasagar (V), Hasanparthy (M)
 WARANGAL - 508 371 (TS)

Certificate of E-Waste Disposal

Certificate No. EWM/23-24/184

Date: 07/10/2023

This is to Certify that E-Waste received 150 kg/no.s of Electronic Equipment picked from

SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN, ANANTHASAGAR, HASANPARTHY, WARANGAL, ANDHRA PRADESH-506371

on 27/09/2023 have been disposed off in an environment friendly manner as per
E-Waste Management and handling rules

We appreciate your contribution towards the green environment

For E-Waste Mart



Authorised Signatory

E-Waste Management

◆ MPCB E-Waste Licence No.: MPCB / RO (CHQ) / HSMD / Autho / 18 / EW-286 ◆ Validity Period upto - 30/09/2026 ◆

Corporate Offices:

📍 901, 9th Floor, Sunshine Tower, Senapati-Bapat Marg, Dadar - (W) Mumbai - 400 013

Plants and Factory:

📍 Survey No. 94, Office No. 6, Umar Compound, Jharkhada, Melanasa, West, Balakrishna, 401008

Certificate of E-waste disposal

[HOME](#)



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (M), Hasanparthy (M)
WARANGAL - 506 371 (TS)

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

Rain water harvesting pits



Rain Water harvesting pits



Sensor-based water management system



RO waste water storage sump

[HOME](#)



Rijan
Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

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.



Campus Landscaping

[HOME](#)



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)



Haritha Haram (Tree plantation)



Plants in the campus

[HOME](#)



Rijan
Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)



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.



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)

[HOME](#)

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.



Disabled friendly toilets

[HOME](#)



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)



Wheel chair for Disabled persons



Ramp for Disabled persons



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)