



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S& Affiliated to JNTUH, Hyderabad)

NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email:principal.avanthi@gmail.com

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 non degradable waste
3. **Water conservation**
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Index

3. WATER CONSERVATION:

S.NO	PARTICULARS	PAGE NO.
1	RAIN WATER HARVESTING	02
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3	CONSTRUCTION OF TANKS AND BUNDS	05
4	WASTE WATER RECYCLING	05


Principal
PRINCIPAL

Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (M) P.O.





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1. RAIN WATER HARVESTING:

A global water problem is brought on by rapid population growth, combined with industrialization urbanization, agriculture and water-intensive lifestyles. Water shortages are a severe issue brought on by the global fall in water tables that affects both India and the rest of the world. In both urban and rural regions, rainwater harvesting (RWH) is becoming more and more popular as a sustainable water-saving technique. To enhance the water quality and quantity, the campus has successfully implemented rain water harvesting (RWH) system. The major goal of this RWH technique is to raise the groundwater table so that there won't be a long-term water shortage. The RWH system functioning is monitored and controlled by the concern faculty and specialized student team from the department of civil engineering.



Rain water harvesting

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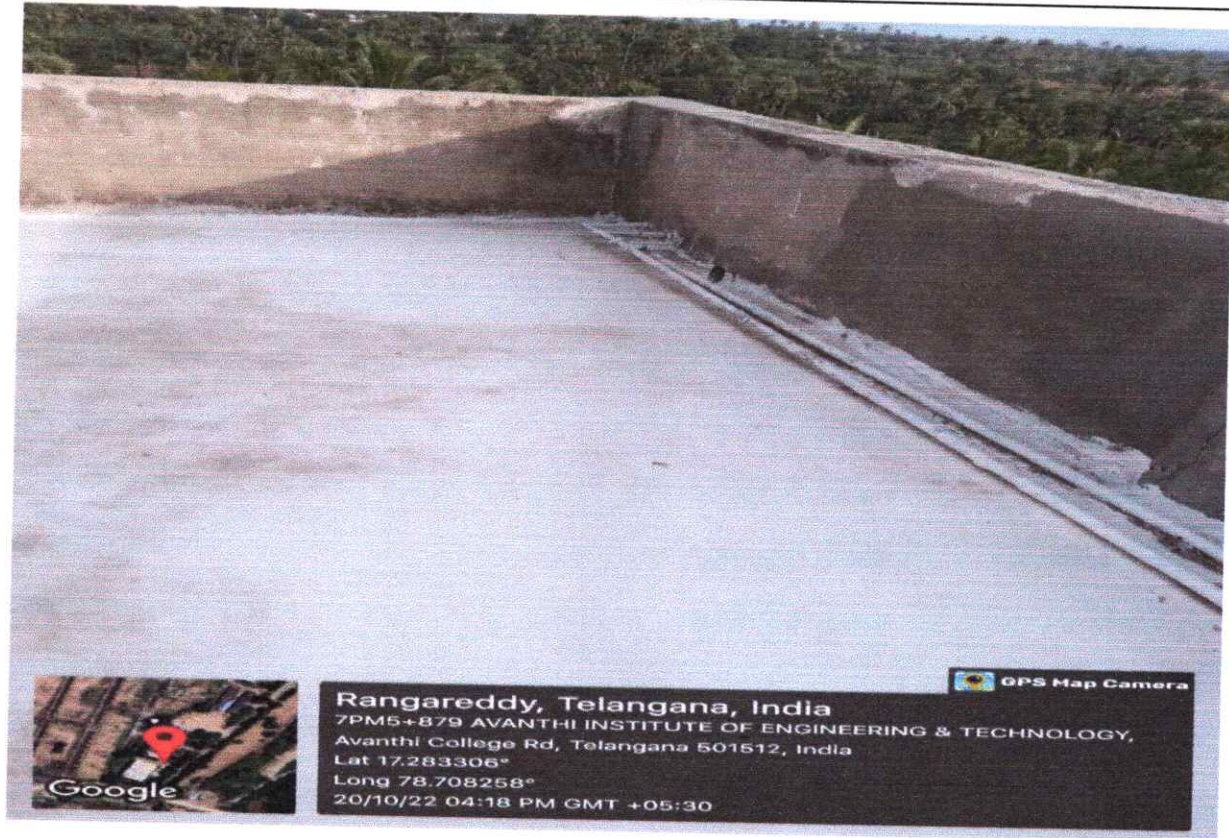
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Rain water harvesting

2. BORE-WELLS:

To meet the water requirements in the institute, we have the following bore-wells:

1. A bore-well of 7HP Motor capacity was installed near the Near Main Block
2. A bore-well of 7HP Motor capacity was installed near the EEE Block.

S.NO	CONSTRUCTION OF TANKS AND BUNDS	LOCATION	BOREWELL DEPTH
1	7 HP Motor	Near Main Block	450 Feet
2	7 HP Motor	Near EEE Block	450 Feet



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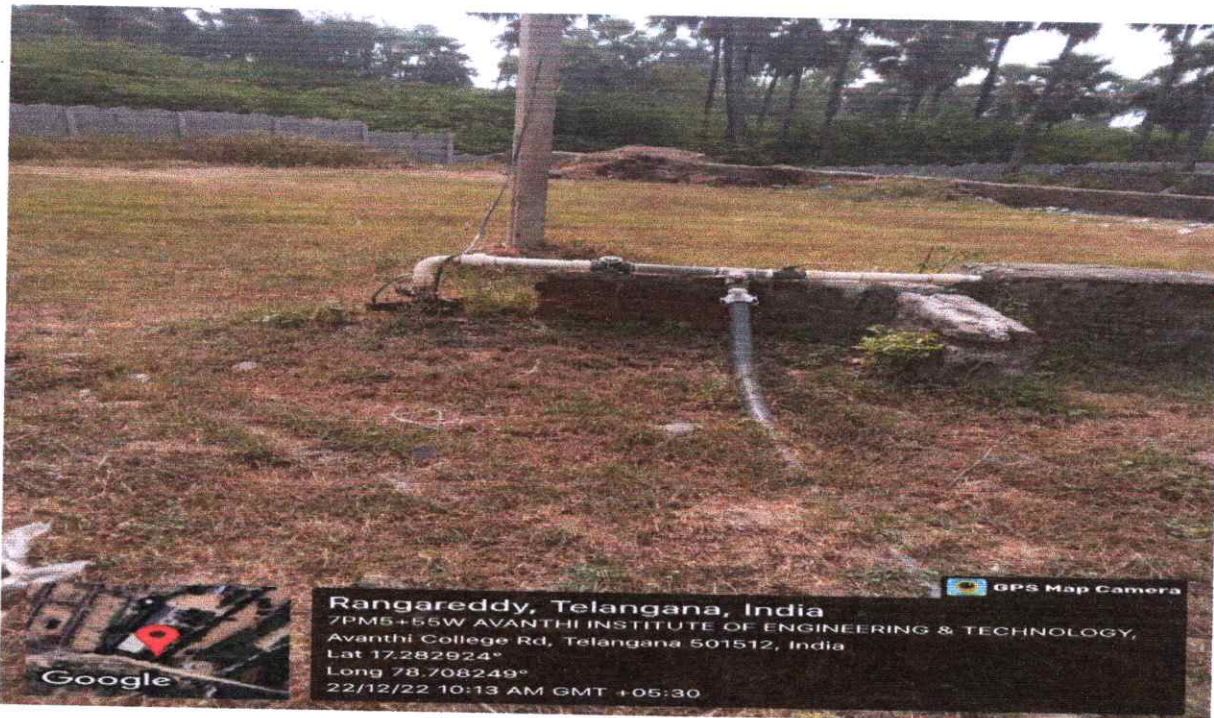
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7HP Motor capacity was installed near the Near Main Block



7HP Motor capacity was installed near the EEE Block

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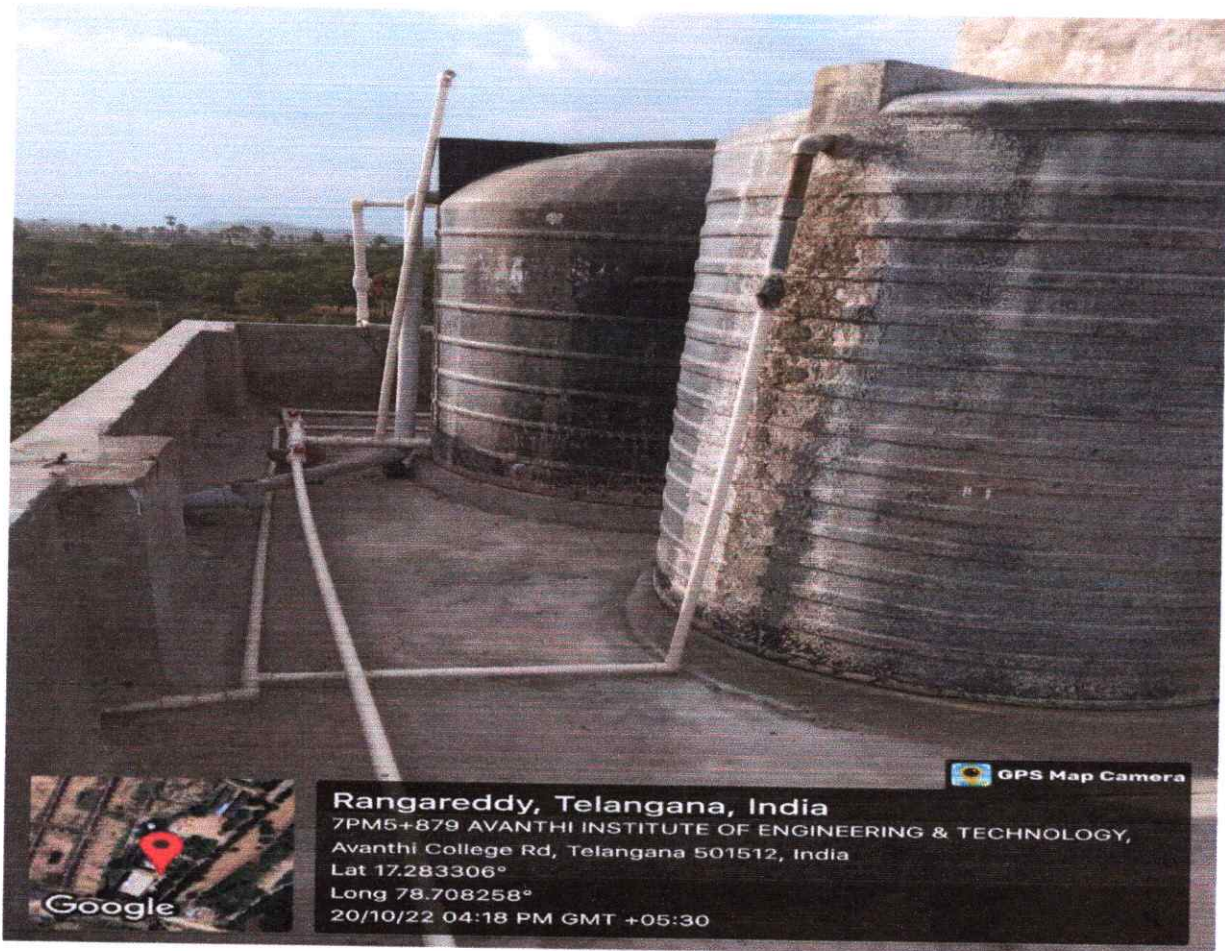
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3. WATER TANKS:

By using, Reverse Osmosis technique the purified water is collected and restored in SYNTEX Tanks of capacity 5000 liters that can be distributed through the pipelines for drinking purpose and regular usage, in wash rooms and laboratories. This water is also used for trees, plants and green landscapes in the campus for healthy environment.



Top UP of Main Block SYNTEX Tanks of capacity 5000 liters of Each



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4. WASTE WATER RECYCLING:

AIET has Reverse Osmosis facility for recycling water. Reverse Osmosis is a means of pulling clean water out of polluted water or salt water by pushing water through a membrane under pressure. The water which originates from the bore wells is treated through the reverse osmosis process at the RO plant. The clean water is used for drinking and waste water from the RO process is used for gardening. RO plant purified water stored in SYNTEX tank with a capacity of 2500 Lts.



RO plant purified water Plant



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Top UP of Main Block SYNTEX Tanks of capacity 5000 liters of Each



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TAX INVOICE

OM SRI SAI ENTERPRISES

Ph: 27711130, 66382493
 Cell: 9246150454
 E-mail: omsai292@gmail.com

Sales and Service

Deals in: Water Purifiers, RO Systems, Softners, Solar Geysers, Pressure Pumps & Spares
 4-3-292/A, OLD BHOIGUDA, R.P. ROAD, SECUNDERABAD - 500 003.

Invoice No: **167**
 Invoice Date: **30/12/19**
 State Code: **35**
 State: **Telangana**

Transportation Mode: **Road**
 Vehicle Number: **3012/19**
 Date of Supply: **30/12/19**
 Place of Supply: **Hyd**

Details of Receiver / Billed to:
 Name: **Amruthi Institute of Engg & Technology**
 Address: **Channarayana TG**
 TIN: **76/36**
 State Code: **TG**

Details of Consignee / Shipped to:
 Name: **---**
 Address: **---**
 GST IN: **---**
 State: **---**

Name of Product / Service	HSN Code	UOM Qty	Rate	Amount	CGST %	SGST %	IGST %
500 ltr/hr R.O water purification system with accessories.	8421	1288	85000	85000	9%	9%	-
<p><i>Hand 80,000 / on 23/12/19</i></p> <p><i>OM SRI SAI</i></p> <p><i>AXIS-123</i></p>							

Words: One lakh three hundred only.

TOTAL	
Total Amount Before Tax	Rs. 85000 : 00
CGST	Rs. 7650 : 00
SGST	Rs. 7650 : 00
IGST	Rs. -
Transport / Installation	Rs. -
Total Amount Incl. GST	Rs. 100300 : 00

Bank: YES BANK H.P. Road, Secunderabad
 Ac No: 041383800001120 IFS Code: YESB0000413

Terms & Conditions:
 Confirm that the particulars given above are true and correct
 Interest @ 12% will be charged if this is not paid on due date
 Warranty / Guarantee shall be provided as per Company Mfg. Details
 Subject to Hyderabad / Secunderabad Jurisdiction



For OM SRI SAI ENTERPRISES
[Signature]
 Authorised Signature

For SRI BALAJI ELECTRICAL WORKS

For SREE BALAJI ELECTRICAL WORKS

OM SRI SAI ENTERPRISES

Sales and Service

for FALCON, CRI, LUBI, KIRLOSKAR, TARO, AQUAFLOW, TEXMO, GRUNDFOS, SUBMERSIBLE, MONOBLOCKS
Deals in Water Purifiers, RO Systems, Softners, Solar Geysers, Pressure Pumpsets & Spares

4-3-292/A, OLD BHOIGUDA, R.P. ROAD, SECUNDERABAD - 500 003.

Charge No: 129 Date: 06/11/19 Telangana State Code: 36	Transportation Mode: Road Vehicle Number: Date of Supply: 06/11/19 Place of Supply: Hyd
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Details of Receiver Billed to: Aurenti Institute of Engineering & Technology Guntur Road, RR Dist, TG State Code: 36	Details of Consignee Shipped to: Name: Address: GST IN: State: State Code:
---	---

Name of Product / Service	HSNCode	UOM Qty.	Rate	Amount	CGST %	SGST %	IGST %
10 HP 5 stages v6 falcon' MRS submer sible pumpset 3ph capacity : 300fts transport charges	8413	1 no	26607	26607	6%	6%	-
			593	593	9%	9%	-

Thirty thousand five hundred only/-
YES BANK R.P. Road, Secunderabad.
041383800001120 IFS Code : YESB0000413

TOTAL		
Total Amount Before Tax	Rs	27200:00
CGST	Rs.	1650:00
SGST	Rs.	1650:00
IGST	Rs	-
Transport / Installation	Rs.	-
Total Amount Incl. GST	Rs.	30500:00

Conditions :
that the particulars given above are true and correct
12% will be charged if the is not paid on due date
Guarantee Shall be Provided as per Company Mfg Defects
Hyderabad / Secunderabad Jurisdiction

For OM SRI SAI ENTERPRISES
 Security Guard
 Authorised Signature