



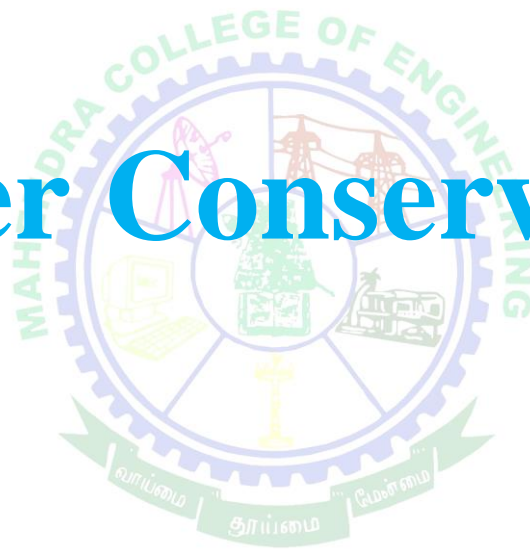
MAHENDRA
COLLEGE OF ENGINEERING



Accredited by Naac | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

A UNIT OF MAHENDRA EDUCATIONAL TRUST

Water Conservation





1. Rain Water Harvesting

The institution has installed a rainwater harvesting system to ensure the supply of ground water. Rainwater harvesting is done at several points throughout the campus. RWH is the technique of collecting water from the roof of top of the building and storing for further uses. Either, we can store it in tanks for further use or we can use it to recharge groundwater depending upon the situation. All the buildings in the campus are provided with facilities to collect the rain water and re-charge the ground water and use the same for various purposes. The Figure I & II shows the rain water harvesting facility available in the institution.



Rain Water Harvesting

Mahendra College of Engineering
Mahendra Salem Campus,
Minnampalli, SALEM 636 106
TAMIL NADU



MAHENDRA COLLEGE OF ENGINEERING



Accredited by Naac | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

A UNIT OF MAHENDRA EDUCATIONAL TRUST



Salem, Tamil Nadu, India
 Mahendra college of engineering, M798+52P, Salem, Tamil Nadu
 636106, India
 Lat 11.668366°
 Long 78.264912°
 31/08/23 10:46 AM GMT +05:30

GPS Map Camera



Rain Water Harvesting Near to Canteen

[Handwritten Signature]

PRINCIPAL

Manendra College of Engineering
 Mahendra Salem Campus,
 Minnampalli, SALEM 636 106
 TAMILNADU




2. Bore well /Open well recharge

The Institution has one Open well and Bore Wells in college premises, which are properly maintained and used. The Open Well receives water from the Rain Water Harvesting Plants for easy recharge. The run-off from the terrace of the college building is channelized into recharge wells located at different locations. The run-off from the unpaved area is intercepted at the ways near the roads by a collection trench. From here the run-off eventually drains into an open well, which facilitates groundwater recharge. The Bore Wells are located in the near ATM, Canteen, near to IT department, Boys Hostel and various places.

- Details of Bore Wells are Located in the Campus

Sl.No	Area	Motor Range	Depth	Water Level
1.	Near to ATM	7.5-HP	850 Ft	100 Ft
2.	Near to Canteen	5-HP	900 Ft	250 Ft
3.	Near to IT Dept	3-HP	750 Ft	150 Ft
4.	Near to Boys Hostel	7.5-HP	700 Ft	70 Ft




PRINCIPAL
Mahendra College of Engineering
Mahendra Salem Campus,
Minnampalli, SALEM 636 106
TAMILNADU



MAHENDRA COLLEGE OF ENGINEERING



Accredited by Naac | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

A UNIT OF MAHENDRA EDUCATIONAL TRUST



GPS Map Camera

Salem, Tamil Nadu, India
Mahendra college of engineering, M798+52P, Salem, Tamil Nadu 636106, India
Lat 11.668366°
Long 78.264912°
07/09/23 09:49 AM GMT +05:30



Google

Open Well



GPS Map Camera

Salem, Tamil Nadu, India
Mahendra college of engineering, M798+52P, Salem, Tamil Nadu 636106, India
Lat 11.668366°
Long 78.264912°
07/09/23 09:47 AM GMT +05:30



Google

Bore Well Located Near to ATM

PRINCIPAL

Manendra College of Engineering
Mahendra Salem Campus,
Minnampalli, SALEM 636 106
TAMIL NADU





MAHENDRA COLLEGE OF ENGINEERING



Accredited by Naac | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

A UNIT OF MAHENDRA EDUCATIONAL TRUST



Bore Well Located Near to IT Dept



Bore Well Located Near to Boys Hostel

Principal
Mahendra College of Engineering
Minnampalli, SALEM 636 106
TAMIL NADU



3. Construction of Tanks And Bunds

We have a separate tank system for drinking as well as bore water for the convenient usage. Water from the bore well, open well and other water bodies are collected through the pipes and stored in the tank. Maintenance department of the college taking responsible for cleaning the tanks regularly as per the Government norms. The water stored in tanks are used for fulfilling the water requirements in the campus such as rest rooms, hand wash, cleaning purposes, gardening etc. The Figures shows the construction of tanks and bunds.



Overhead Tank with Pipeline




PRINCIPAL

Manendra College of Engineering
Mahendra Salem Campus,
Minnampalli, SALEM 636 106
TAMILNADU



MAHENDRA COLLEGE OF ENGINEERING



Accredited by Naac | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

A UNIT OF MAHENDRA EDUCATIONAL TRUST



Overhead Tank with Pipeline



ML
PRINCIPAL
Mahendra College of Engineering
Mahendra Salem Campus,
Minnampalli, SALEM 636 10A
TAMILNADU



MAHENDRA COLLEGE OF ENGINEERING



Accredited by Naac | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

A UNIT OF MAHENDRA EDUCATIONAL TRUST



GPS Map Camera



Salem, Tamil Nadu, India

Mahendra College of Engineering M797+4R9, Salem, Tamil Nadu 636106, India

Lat 11.668007°

Long 78.264793°

07/09/23 10:17 AM GMT +05:30



GPS Map Camera



Salem, Tamil Nadu, India

Mahendra college of engineering, M798+52P, Salem, Tamil Nadu 636106, India

Lat 11.668366°

Long 78.264912°

07/09/23 09:48 AM GMT +05:30



Construction of Sump

PRINCIPAL
Mahendra College of Engineering
Mahendra Salem Campus,
Minnampalli, SALEM 636 106
TAMIL NADU



4. Waste Water Recycling

In our Institution all the buildings are designed architecturally taking into account for maximum utilization of natural resources. Waste water is generated in the campus include sewage, hostel and mess effluent waste. The entire treated water is used for watering the gardens and Sewage treatment plant is dried and used as manure for the gardens. The sewage waste water generated in the campus is treated through sintex advanced septic tank series (12000 litres/Day) and reused.



Bio Digester Septic Tank

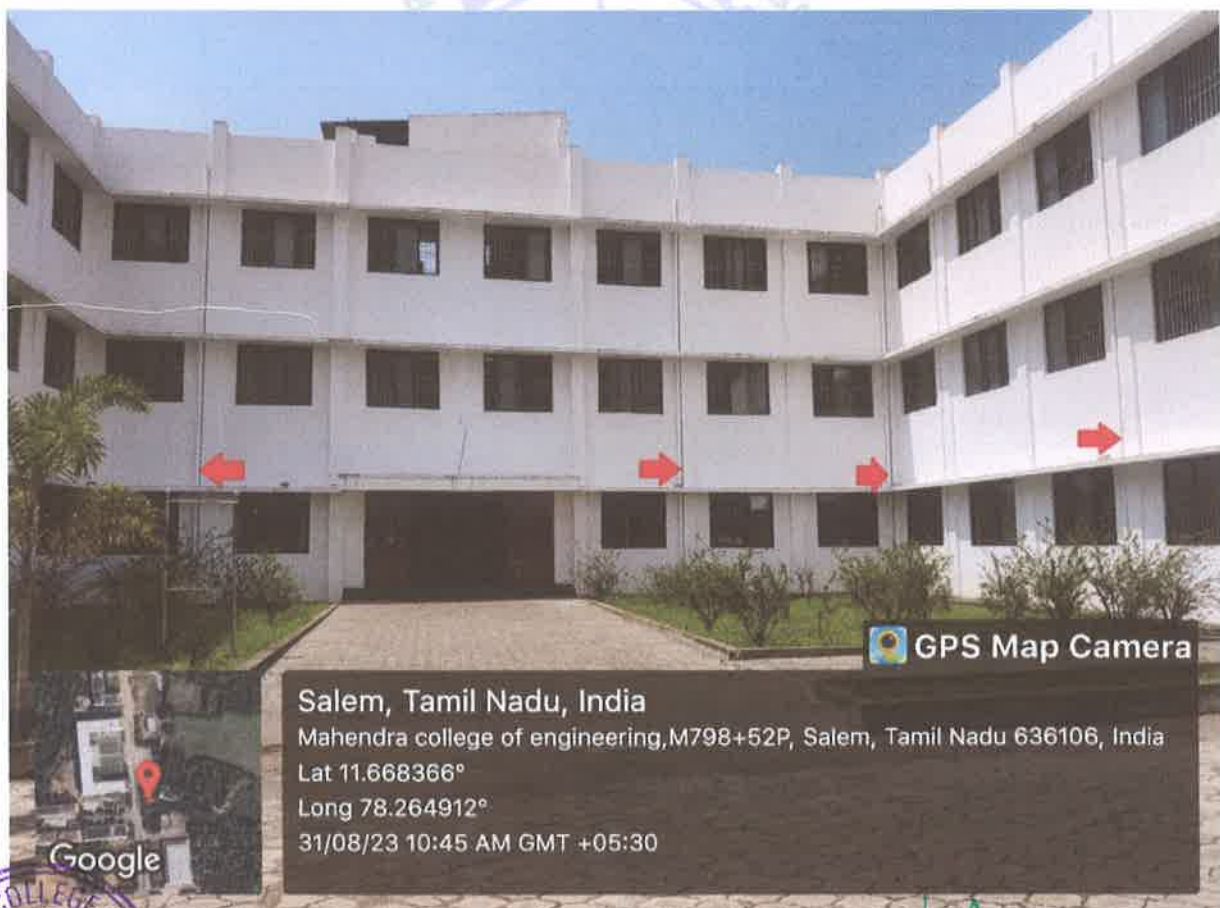



PRINCIPAL
Mahendra College of Engineering
Minnampalli, SALEM 636 106
TAMILNADU



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

The ground water is pumped into storage tanks located at different places in the campus. The water is distributed through well laid pipe networks. Drinking water, after treating in RO plant, is supplied through a separate set of distribution pipe system and water for all other purpose is supplied through another set of distribution pipe system. The entire distribution system is well supervised by Civil works committee to ensure that there is no leakage and wastage of precious water through joints, valves, etc. The waste usage of water is reduced using low pressure flushes. All the stakeholders of the college are well educated to use water economically and efficiently. The Figure shows the distribution of water bodies.



Maintenance of Water Bodies in the Campus

N. Venkatesh
PRINCIPAL
Mahendra College of Engineering
Mahendra Salem Campus,
Minnampalli, SALEM 636 106
TAMILNADU



MAHENDRA COLLEGE OF ENGINEERING



Accredited by Naac | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

A UNIT OF MAHENDRA EDUCATIONAL TRUST



Maintenance of Water Bodies in the Campus



NJ
PRINCIPAL
 Mahendra College of Engineering
 Mahendra Salem Campus,
 Minnampalli, SALEM 636 106
 TAMILNADU



MAHENDRA COLLEGE OF ENGINEERING



Accredited by Naac | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

A UNIT OF MAHENDRA EDUCATIONAL TRUST



Minnampalli, Tamil Nadu, India
Salem Rd, Tamil Nadu 636106, India
Lat N 11° 40' 0.7032"
Long E 78° 15' 54.5688"
07/04/21 11:18 AM

Spindle Based Water Sprinkling System to Use Minimal Water for Plants



Minnampalli, Tamil Nadu, India
Mahendra College of Engineering ramalingapuram, Tamil Nadu 636106, India
Lat N 11° 39' 34.3404"
Long E 78° 15' 48.438"
27/03/21 04:13 PM



Kerb Construction Walls To Prevent Seepage of Water While Watering the Trees

MAHENDRA COLLEGE OF ENGINEERING
Mahendra Salem Campus,
Minnampalli, SALEM 636 106
TAMILNADU



MAHENDRA COLLEGE OF ENGINEERING



Accredited by Naac | Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

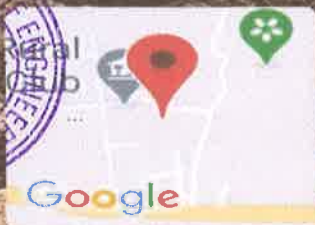
A UNIT OF MAHENDRA EDUCATIONAL TRUST



Minnampalli, Tamil Nadu, India
Salem Rd, Tamil Nadu 636106, India
Lat N 11° 40' 1.4988"
Long E 78° 15' 52.7256"
09/04/21 11:15 AM



Minnampalli, Tamil Nadu, India
Unnamed Road, Tamil Nadu 636106, India
Lat N 11° 40' 3.936"
Long E 78° 15' 56.3364"
01/04/21 11:30 AM



DR. N. V. ...
Mahendra College of Engineering
Mahendra Salem Campus,
Minnampalli, Salem 636106
TAMIL NADU

Drip Irrigation Facilities for the Coconut Trees to Prevent Wastage of Water



Reverse Osmosis Plant

The institution is providing good water distribution system in all the blocks. The Figure shows the reverse Osmosis plant installed in the institution campus.



Reverse Osmosis Plant



NM
PRINCIPAL
Mahendra College of Engineering,
Mahendra Salem Campus,
Minnampalli, SALEM 636 106
TAMILNADU