

7.1.4.

Water conservation facilities available in the Institution: 1. Rain water harvesting 2. Borewell /Open well recharge 3. Construction of tanks and bunds 4. Waste water recycling 5. Maintenance of water bodies and distribution system in the campus

INDEX

Geotagged photographs / videos of the facilities:

S. No.	Description	Pages
1	Geotagged photographs / videos of the facilities	01 to 32

7.1.4 WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION

GEOTAGGED PHOTOS OF THE FACILITIES



MVGR COLLEGE OF ENGINEERING (A)

(Accredited by NBA, Graded A by NAAC of UGC Approved by AICTE, New Delhi, and permanently affiliated to JNTU, Kakinada Listed U/S 2(F) &12(B) of the UGC Act 1956.)

VIZIANAGARAM – 535 005 (A.P.)

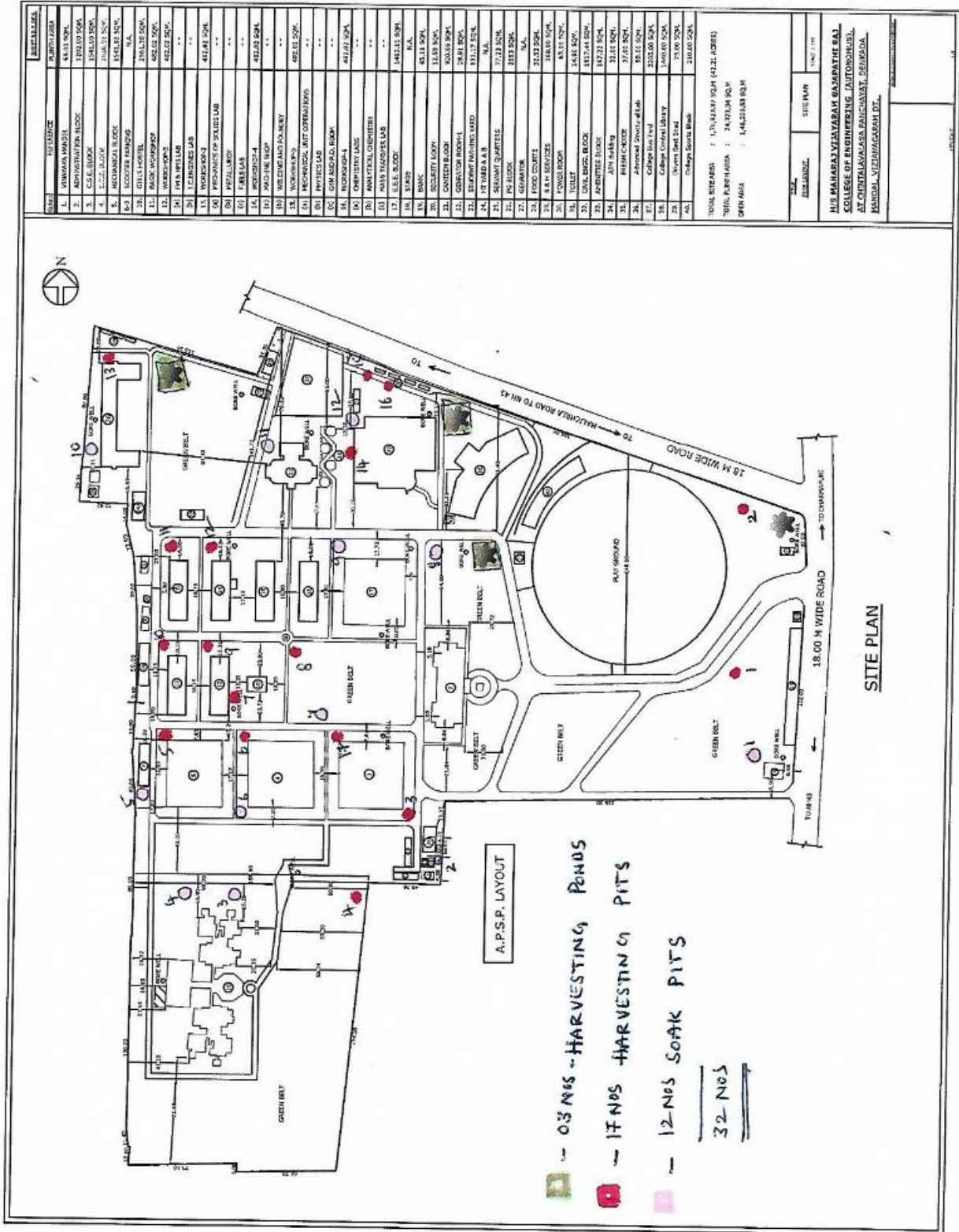
7.1.4 Water conservation facilities available in the Institution

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus



CAMPUS LAYOUT

1. Rain Water Harvesting (RWH) pits developed

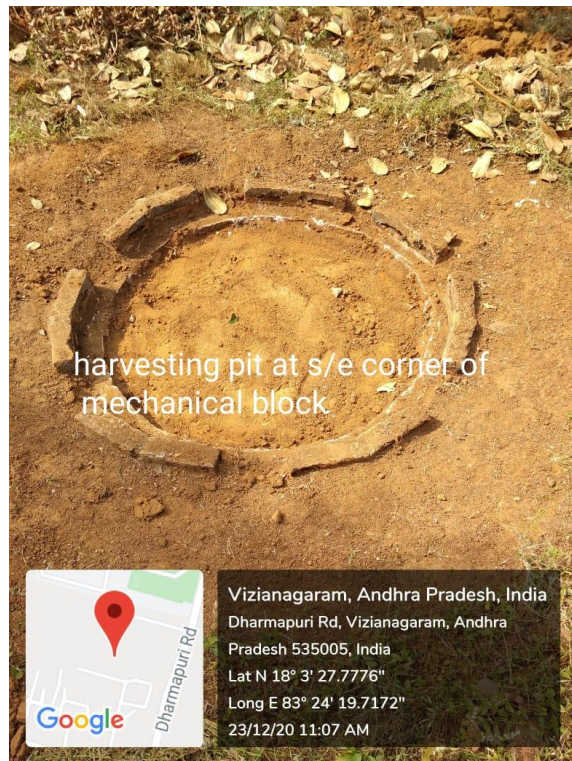
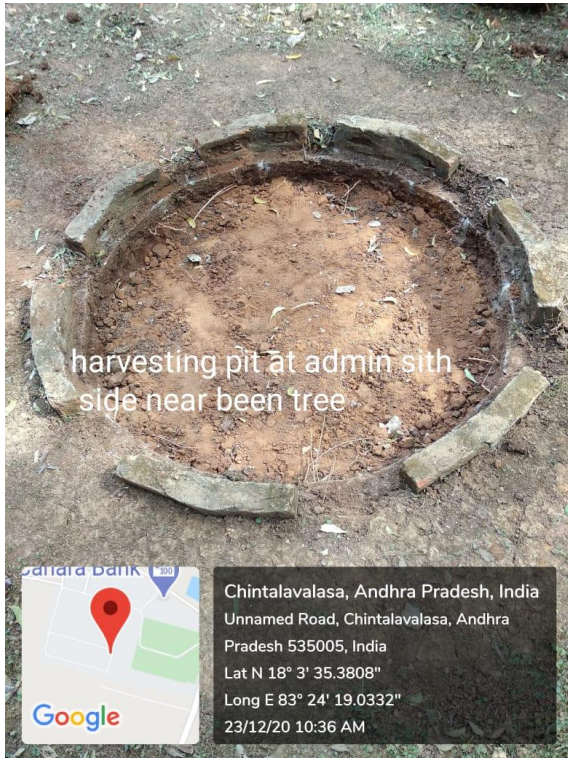


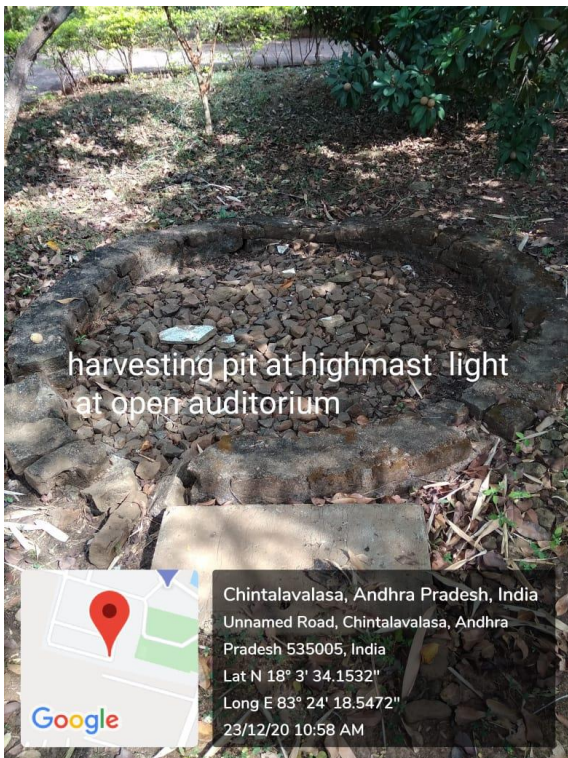
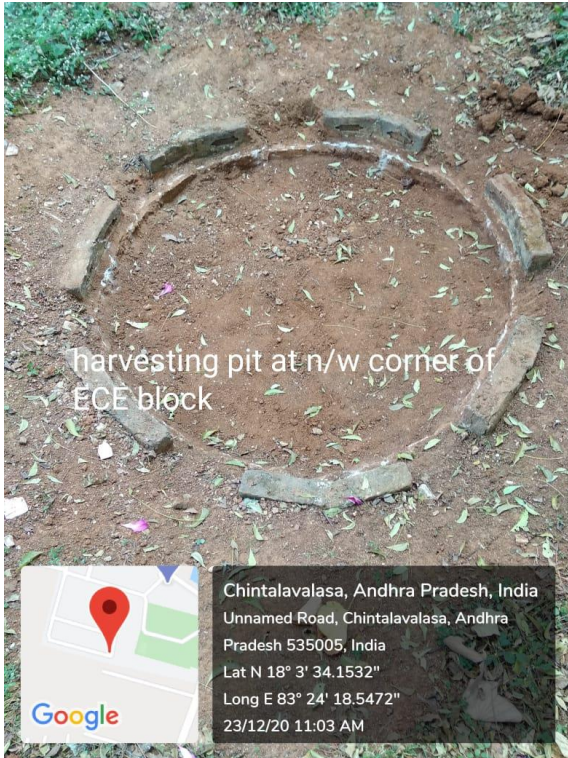
Rain water harvesting pits location layout

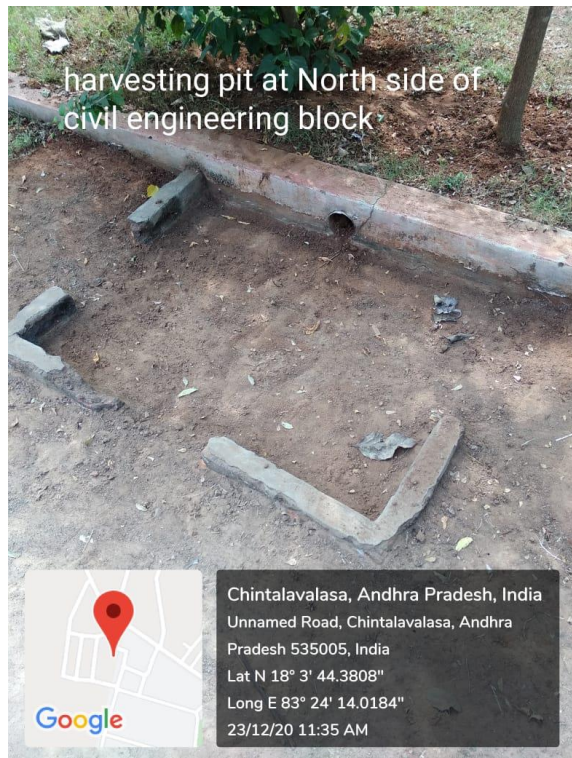
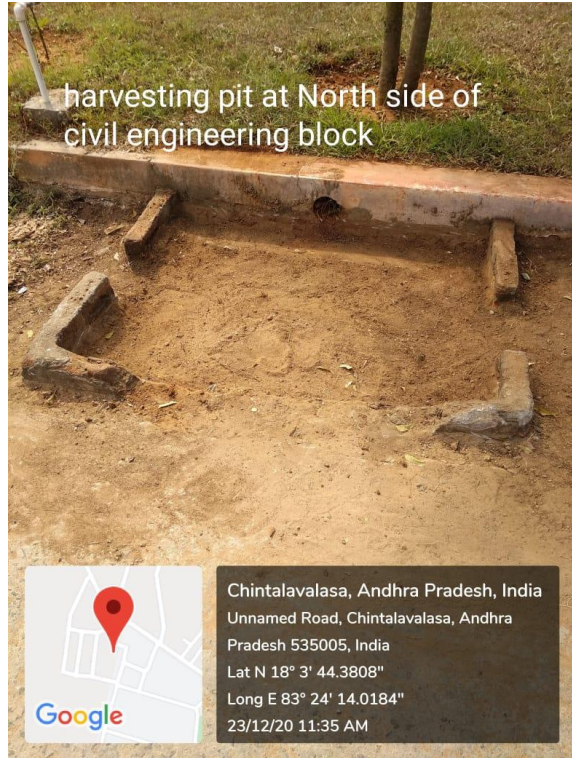
a) Location of Rain water harvesting pits:

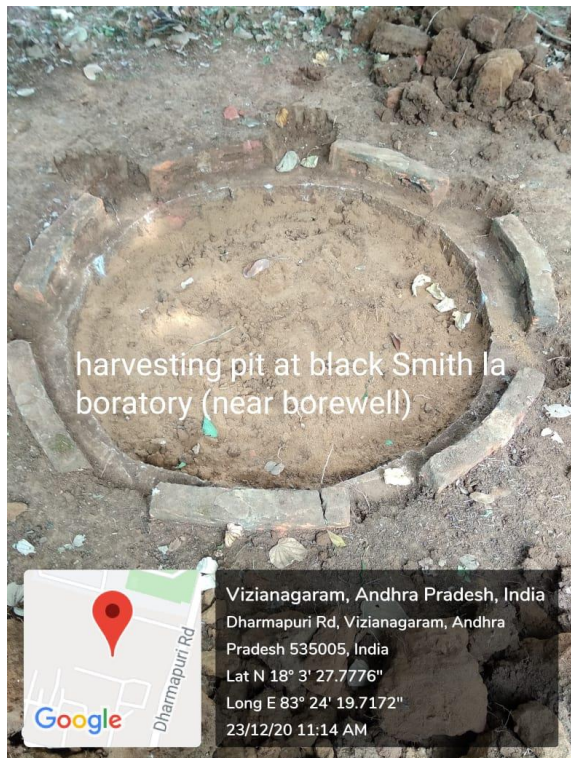
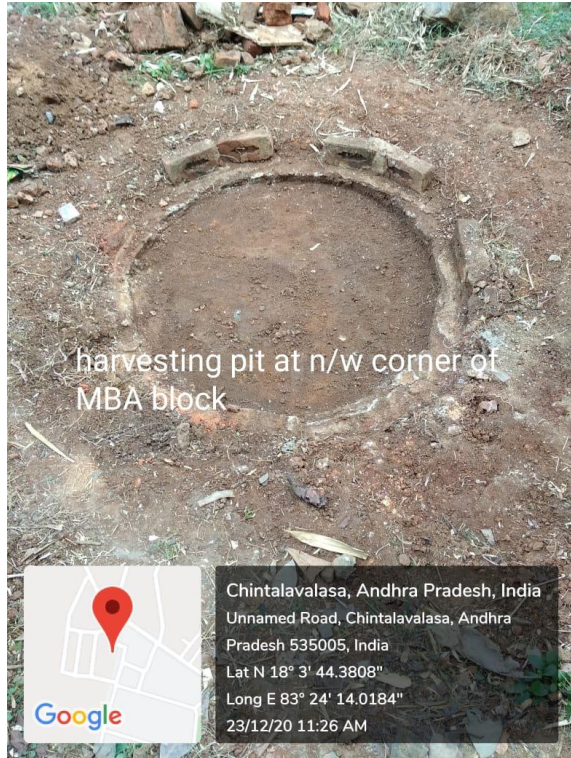
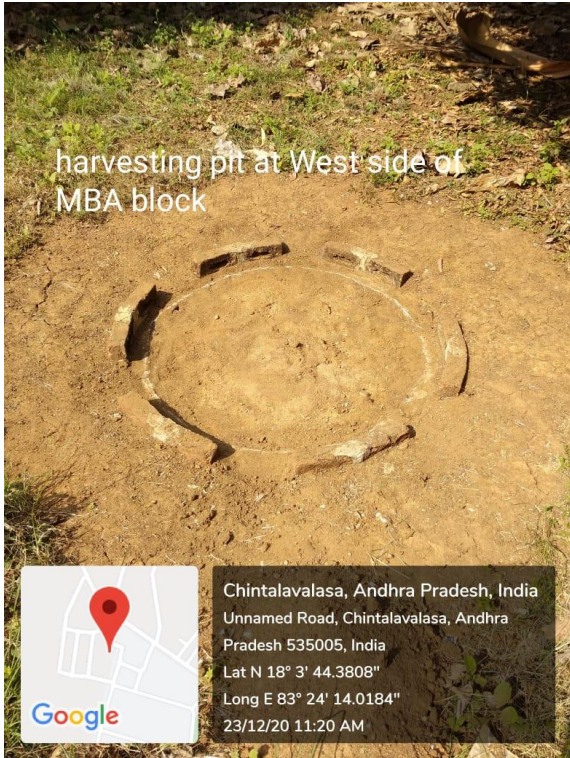
Rain Water Harvesting Pits location Details		
MVGR College of Engineering (A)		
S.No	Location of pits	Nos
1	Admin Block S-W Corner, near to the student sit-out	1 Nos
2	Infront of Canarabank ATM	1 Nos
3	Rear side of open auditorium stage	2 Nos
4	N-W Corner of Workshop-2 (Infront of swami vivekananda statue)	1 Nos
5	Adjacent to Amenities bore point	1 Nos
6	South side of college canteen cool drink stall	1 Nos
7	Rear side of MBA Block	1 Nos
8	North side of MBA Block	1 Nos
9	North side of Civil block adjacent to the road	2 Nos
10	Adjacent to Basketball ground	1 Nos
11	N-W Corner of ECE block	1 Nos
12	North side of vinayaka temple	1 Nos
13	N-E Corner of Girls hostel	1 Nos
14	North side of Electrical work shop	1 Nos
15	S-W Corner of Mechanical Block	1 Nos
	Total	17 Nos

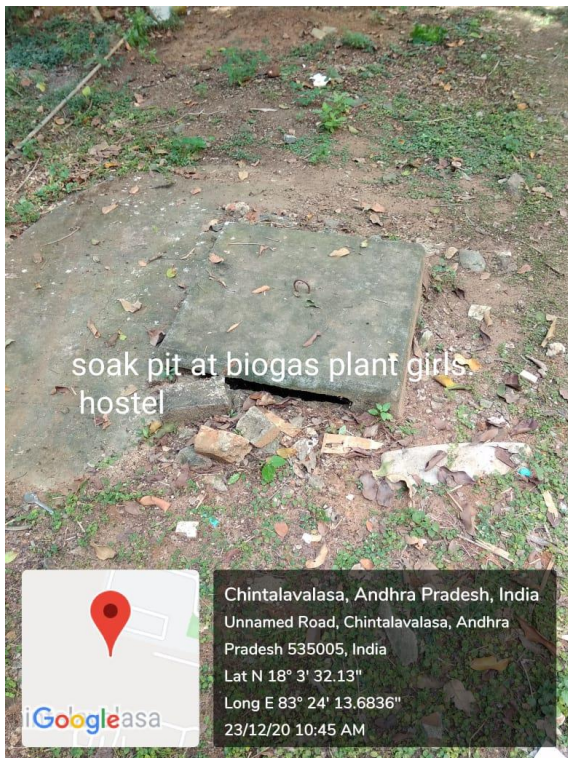
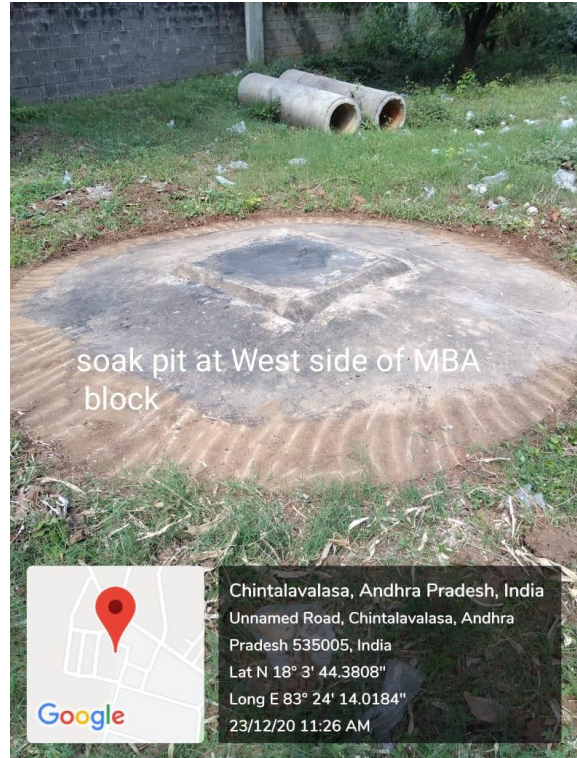
b) Geotagged photos of Rain water harvesting pits:









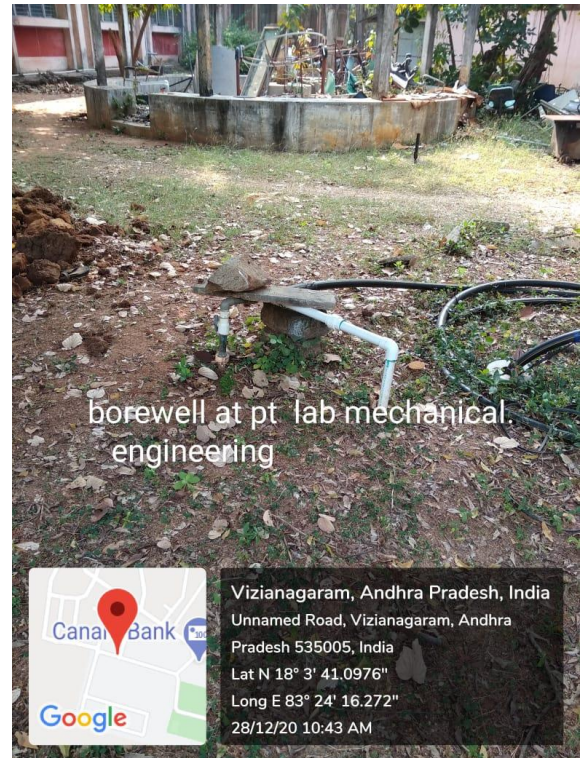
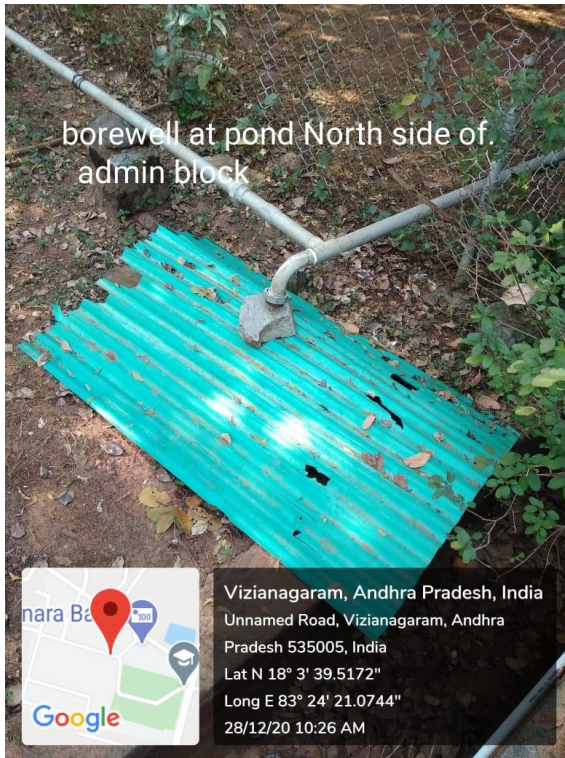


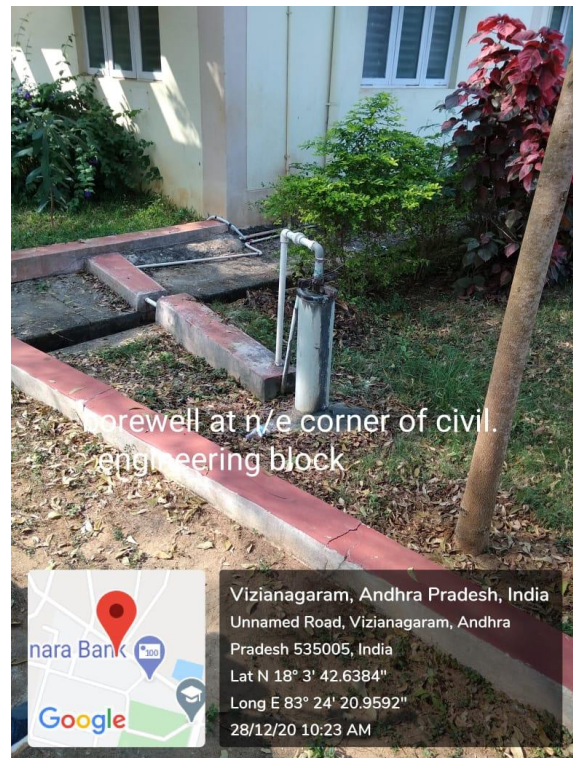
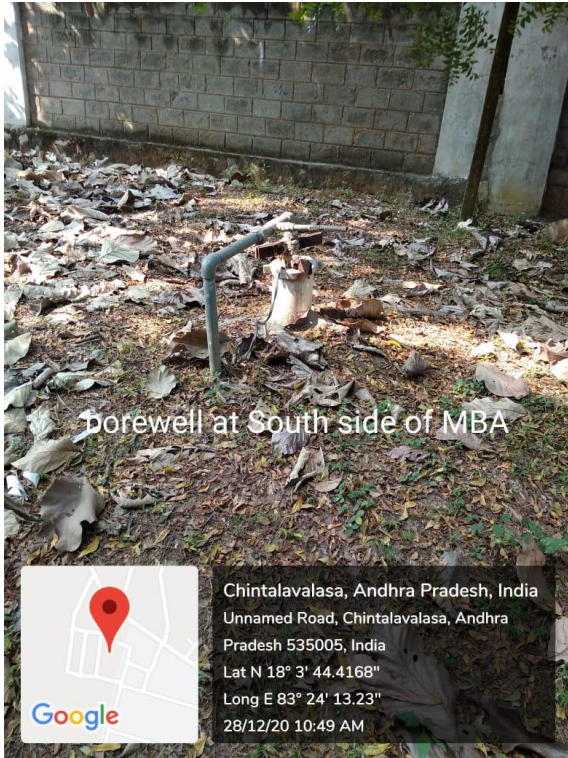
2. Borewell /Open well recharge

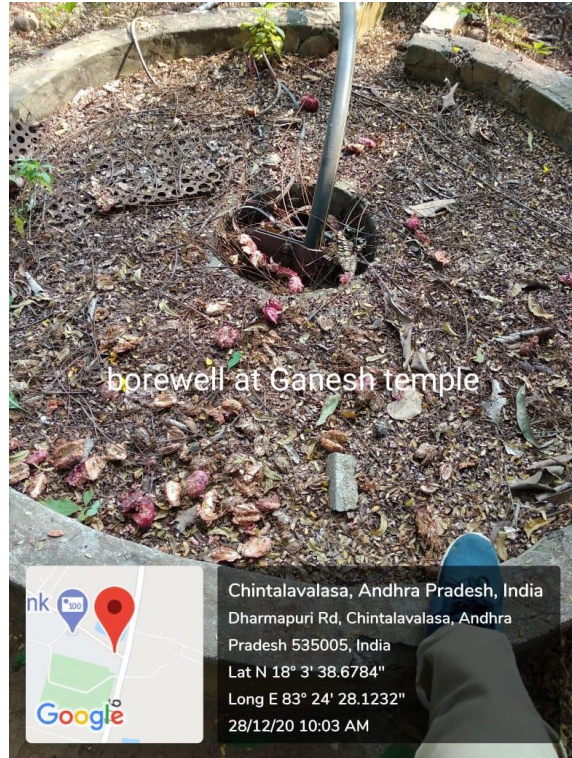
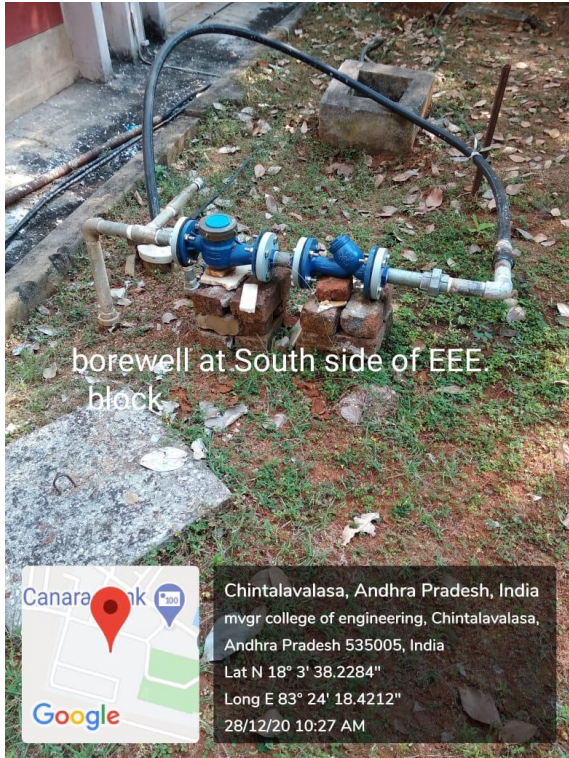
a) Location of Bore wells:

S.no	Name of the building	Bore well Depth
1	Admin Block	180 Feet
2	S & H Block	190 Feet
3	CSE Block	
4	ECE Block	195 Feet
5	EEE Block	
6	MECHANICAL Block	170 Feet
7	CIVIL Block	180 Feet
8	CANTEEN Block	200 Feet
9	MBA Block	190 Feet
10	AMENITIES Block	160 Feet
11	Canara BANK	170 Feet
12	TEMPLE SUMP	180 Feet
13	GIRLS HOSTEL (C-BLOCK)	195 Feet
14	GIRLS HOSTEL (A&B BLOCK)	190 Feet
15	Besides Drivers Shed	225 Feet
16	N-E Corner of EEE Block	295 Feet
17	Boys HOSTEL (A BLOCK)	195 Feet
18	Boys HOSTEL (B BLOCK)	195 Feet

b) Geotagged photos of Bore wells:









borewell at n/e corner of hostel blocks



Chintalavalasa, Andhra Pradesh, India
Dharmapuri Rd, Chintalavalasa, Andhra Pradesh 535005, India
Lat N 18° 3' 49.698"
Long E 83° 24' 22.9176"
28/12/20 12:04 PM



borewell at n/e corner of bank building



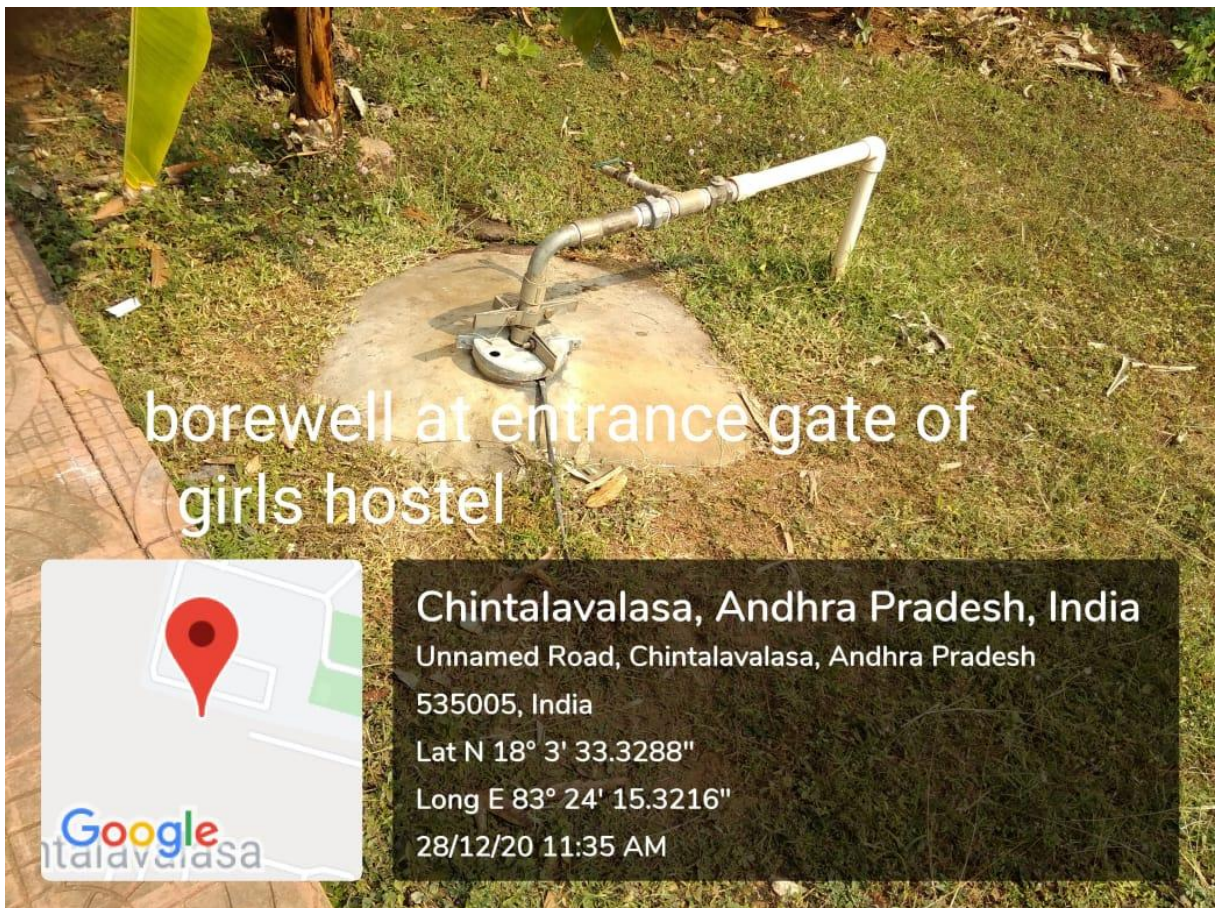
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Dharmapuri Rd, Vizianagaram, Andhra Pradesh 535005, India
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28/12/20 11:56 AM



borewell at girls hostel kitchen



Chintalavalasa, Andhra Pradesh, India
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535005, India
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28/12/20 11:39 AM



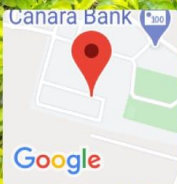
borewell at entrance gate of girls hostel



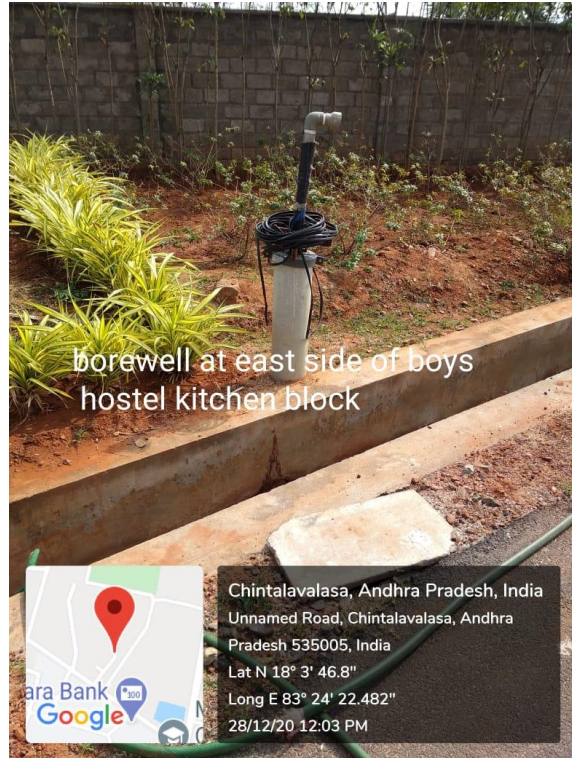
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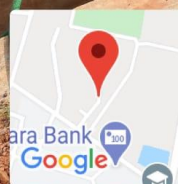
borewell at North side of CSE block



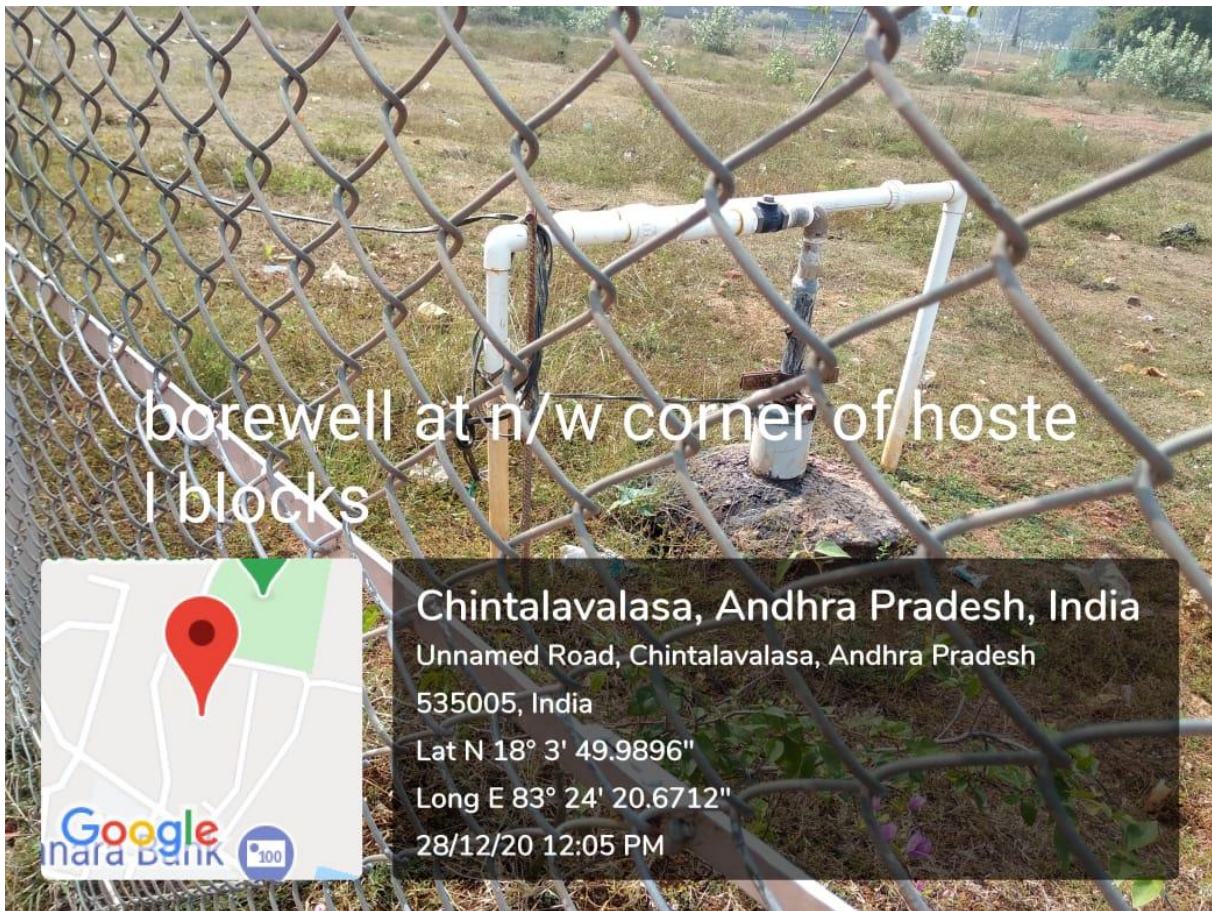
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Unnamed Road, Chintalavalasa, Andhra Pradesh 535005, India
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28/12/20 11:20 AM



borewell at east side of boys hostel kitchen block



Chintalavalasa, Andhra Pradesh, India
Unnamed Road, Chintalavalasa, Andhra Pradesh 535005, India
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28/12/20 12:03 PM



borewell at n/w corner of hostel blocks



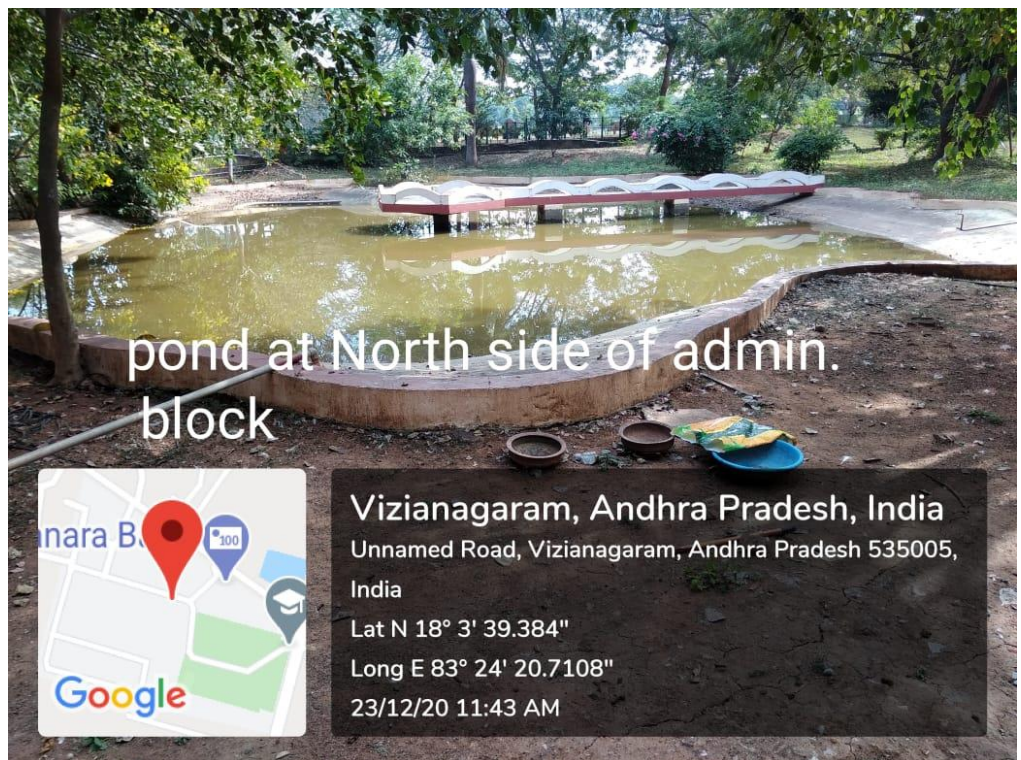
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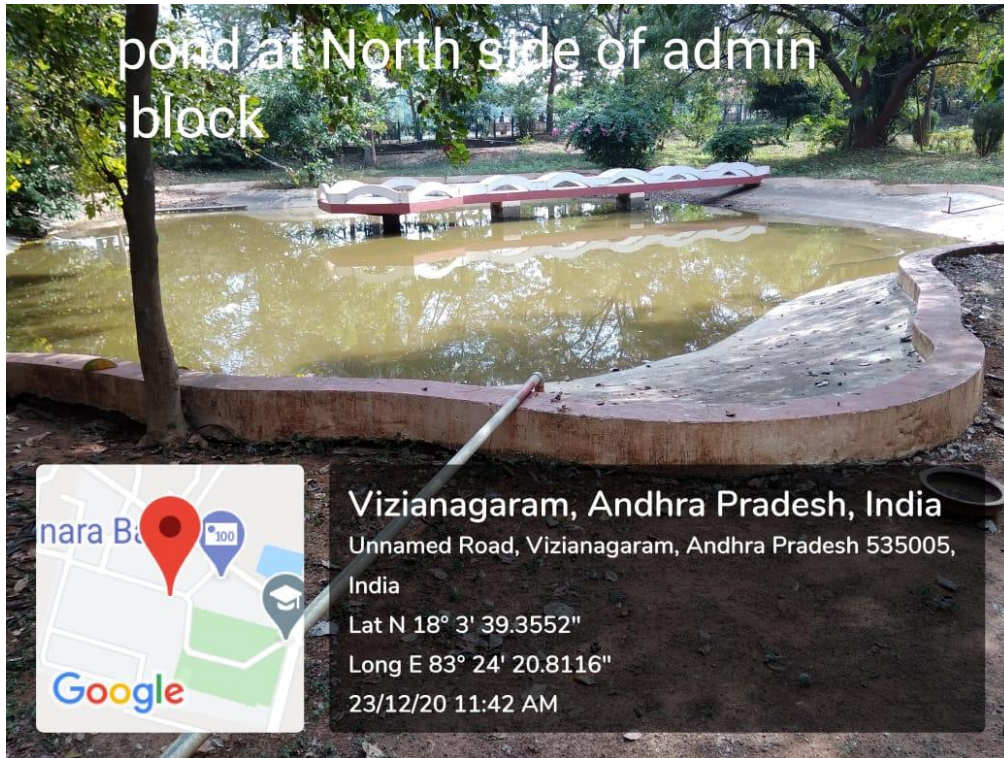
3. Construction of tanks and bunds

a) Ground water tank near campus Vinayaka temple

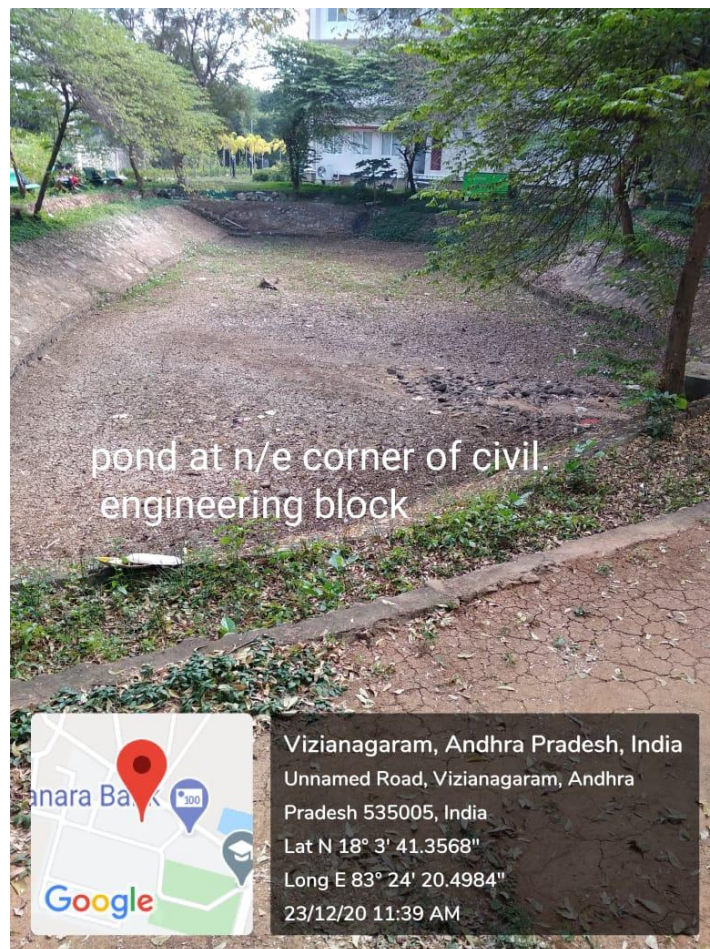


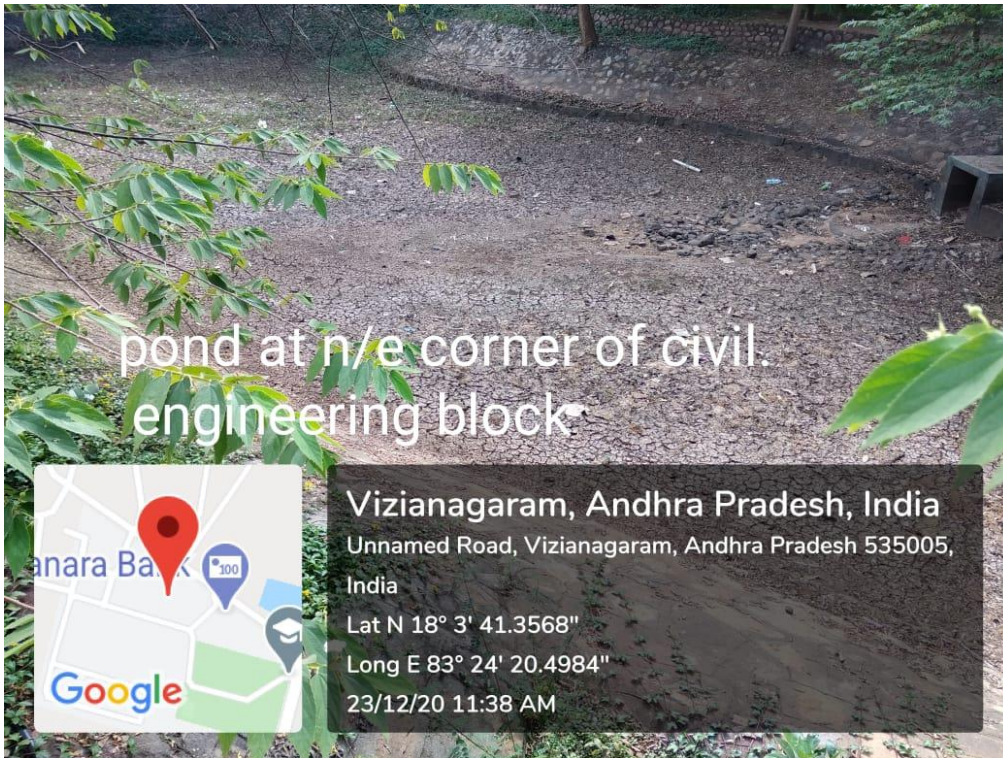
b) Ground water tank adjacent side of Admin block



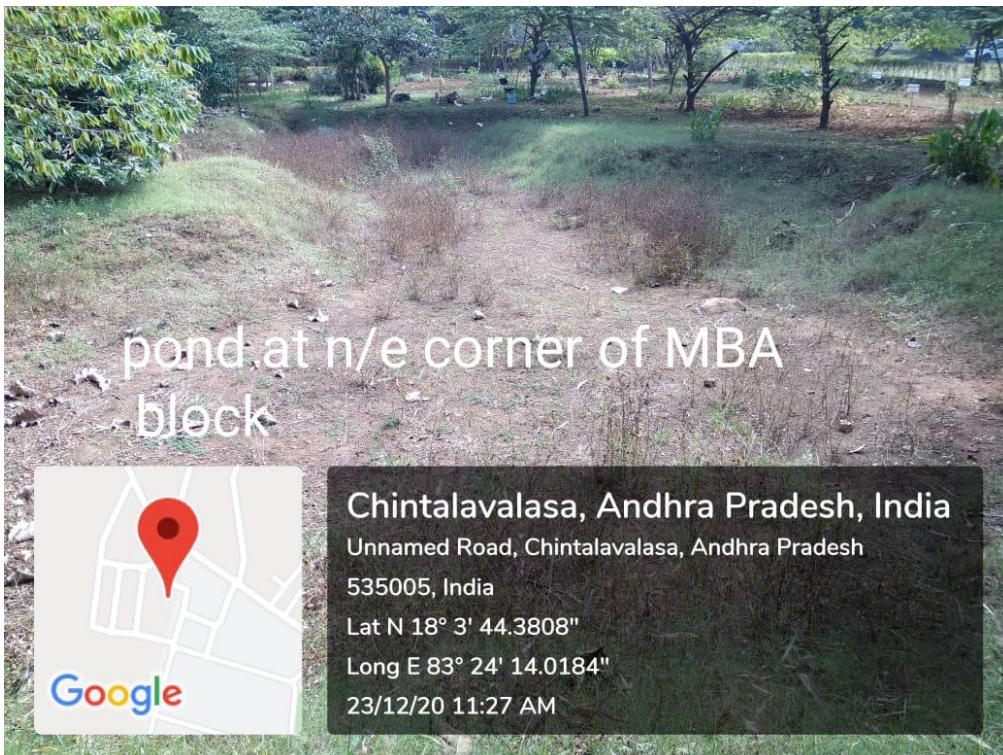


c) Ground water tank back side of Central Library





d) Ground water tank front side of MBA block



4. Waste water recycling

a) Decentralized Waste Water Treatment System (DEWATS)

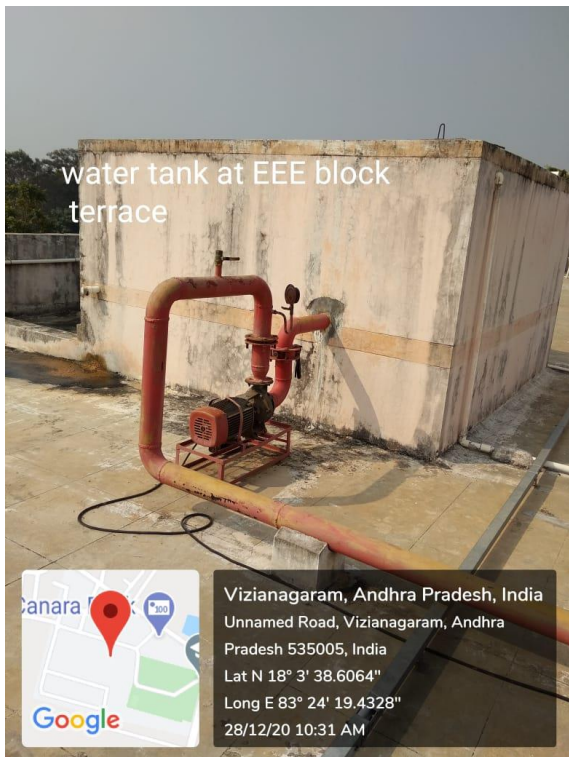


5. Maintenance of water bodies and distribution system in the campus

a) Location of Overhead tanks with capacities:

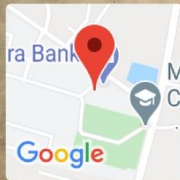
S.no	Name of the building	Overhead tanks capacity (Ltrs)	Bore Depth
1	Admin Block	10000	180 Feet
2	S & H Block	500 (Syntex)	190 Feet
3	CSE Block	15000	
4	ECE Block	2 X 20000	195 Feet
5	EEE Block	15000	
6	MECHANICAL (R.O 1000 Lit/Day)	30000	170 Feet
7	CIVIL (R.O 500 Lit/Day)	30000	180 Feet
8	CANTEEN Block	2 X 8000	200 Feet
9	MBA Block	500 (Syntex)	190 Feet
10	AMENITIES Block	5000 (Syntex)	160 Feet
11	Canara BANK	(5000 + 1000) (Syntex)	170 Feet
12	TEMPLE SUMP	75000 (UG Sump)	180 Feet
13	GIRLS HOSTEL (C-BLOCK) (R.O 250 Lit/Day)	20000	195 Feet
14	GIRLS HOSTEL (A&B BLOCK)	(4 X 5000) (Syntex)	190 Feet
15	Besides Drivers Shed	-	225 Feet
16	N-E Corner of EEE Block	-	295 Feet
17	Boys HOSTEL (A BLOCK)	25000	195 Feet
18	Boys HOSTEL (B BLOCK)	25000	195 Feet

b) Geotagged photos of Rain water harvesting pits:





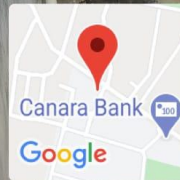
water tank at sports block terrace



Chintalavalasa, Andhra Pradesh, India
Unnamed Road, Chintalavalasa, Andhra Pradesh 535005, India
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Long E 83° 24' 23.2272"
28/12/20 10:14 AM



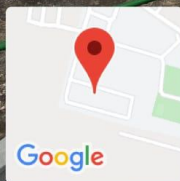
water tank at amenities terrace



Chintalavalasa, Andhra Pradesh, India
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28/12/20 10:46 AM



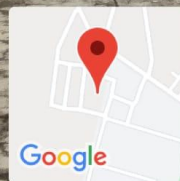
water tank at ECE block terrace West side



Chintalavalasa, Andhra Pradesh, India
Unnamed Road, Chintalavalasa, Andhra Pradesh 535005, India
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Long E 83° 24' 15.4872"
28/12/20 11:14 AM



water tank at MBA block terrace



Chintalavalasa, Andhra Pradesh, India
Unnamed Road, Chintalavalasa, Andhra Pradesh 535005, India
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Long E 83° 24' 13.5936"
28/12/20 10:54 AM





water tank at girls hostel c block terrace for solar water heater



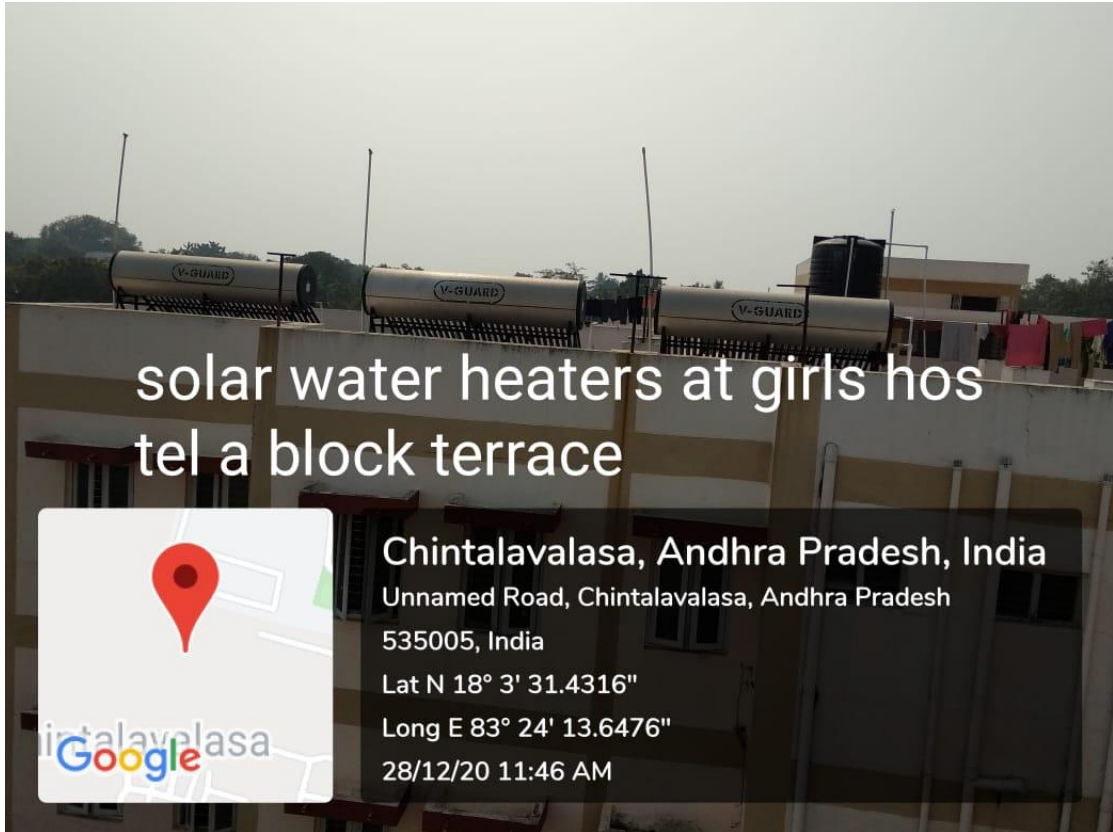
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28/12/20 11:44 AM



solar water heaters at 'a' block terrace



Chintalavalasa, Andhra Pradesh, India
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535005, India
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28/12/20 11:47 AM



solar water heaters at girls hos
tel a block terrace



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water tank at girls hostel 'a' blo
ck terrace



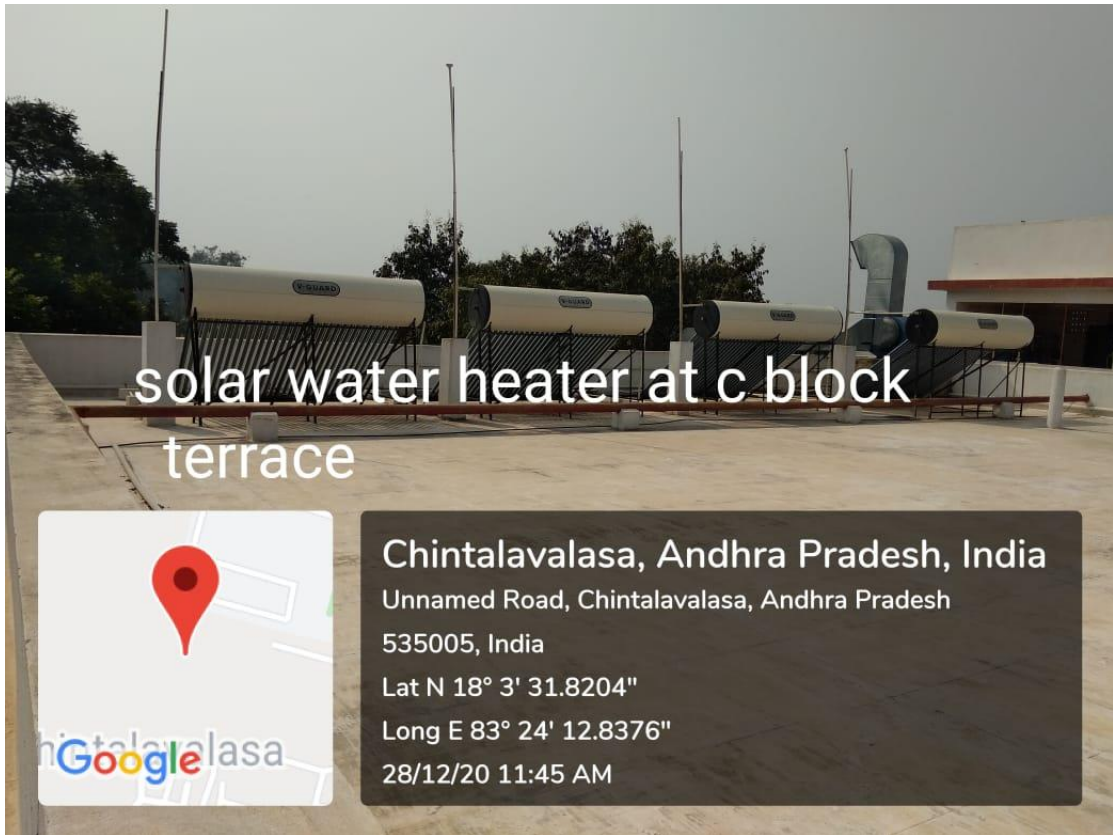
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28/12/20 11:47 AM



water tank at girls hostel kitchen terrace



Chintalavalasa, Andhra Pradesh, India
Unnamed Road, Chintalavalasa, Andhra Pradesh
535005, India
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28/12/20 11:44 AM



solar water heater at c block terrace



Chintalavalasa, Andhra Pradesh, India
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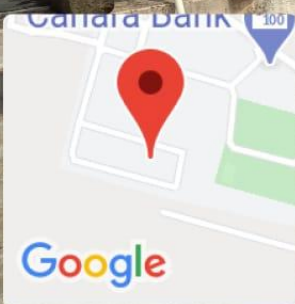
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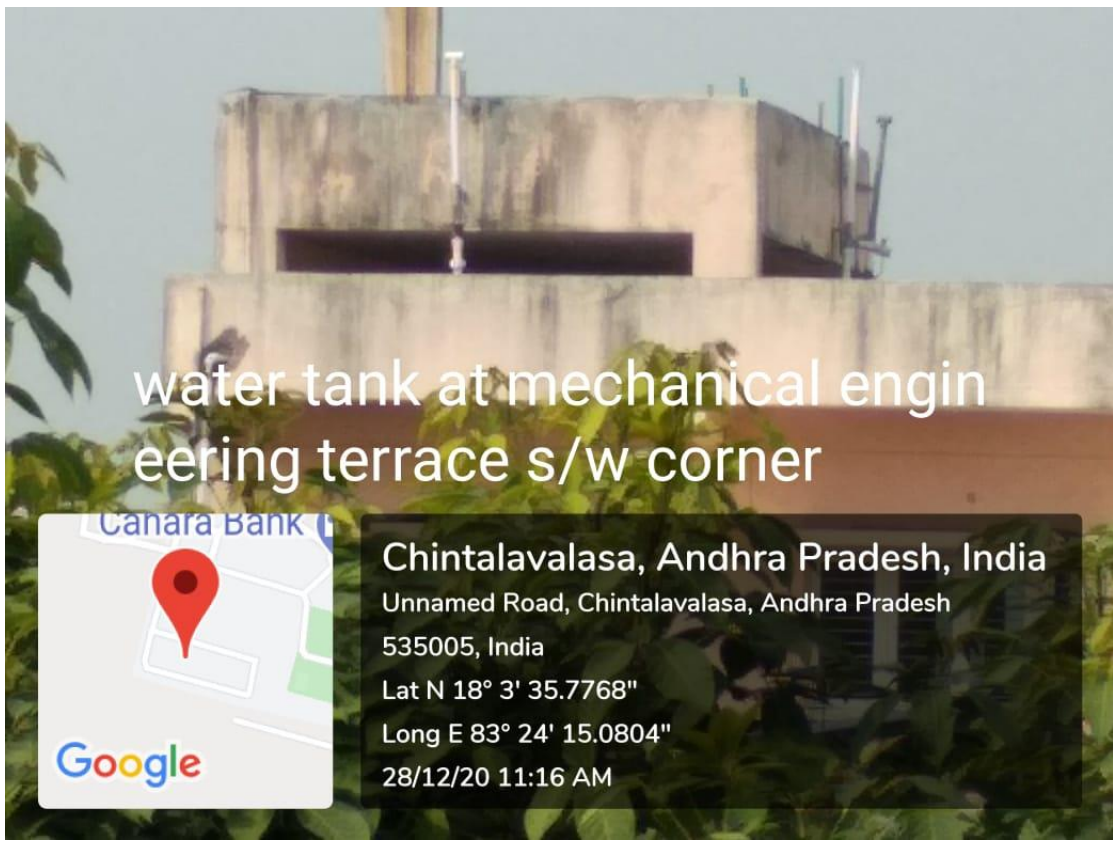
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28/12/20 11:43 AM



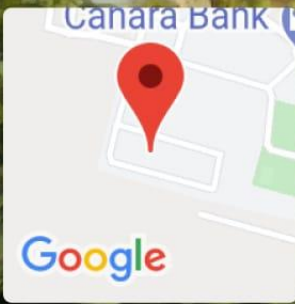
water tank at CSE block terrace



Chintalavalasa, Andhra Pradesh, India
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535005, India
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28/12/20 11:31 AM

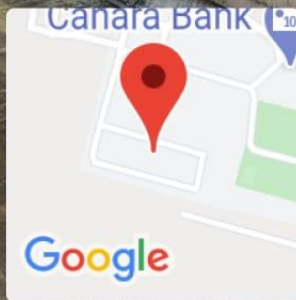
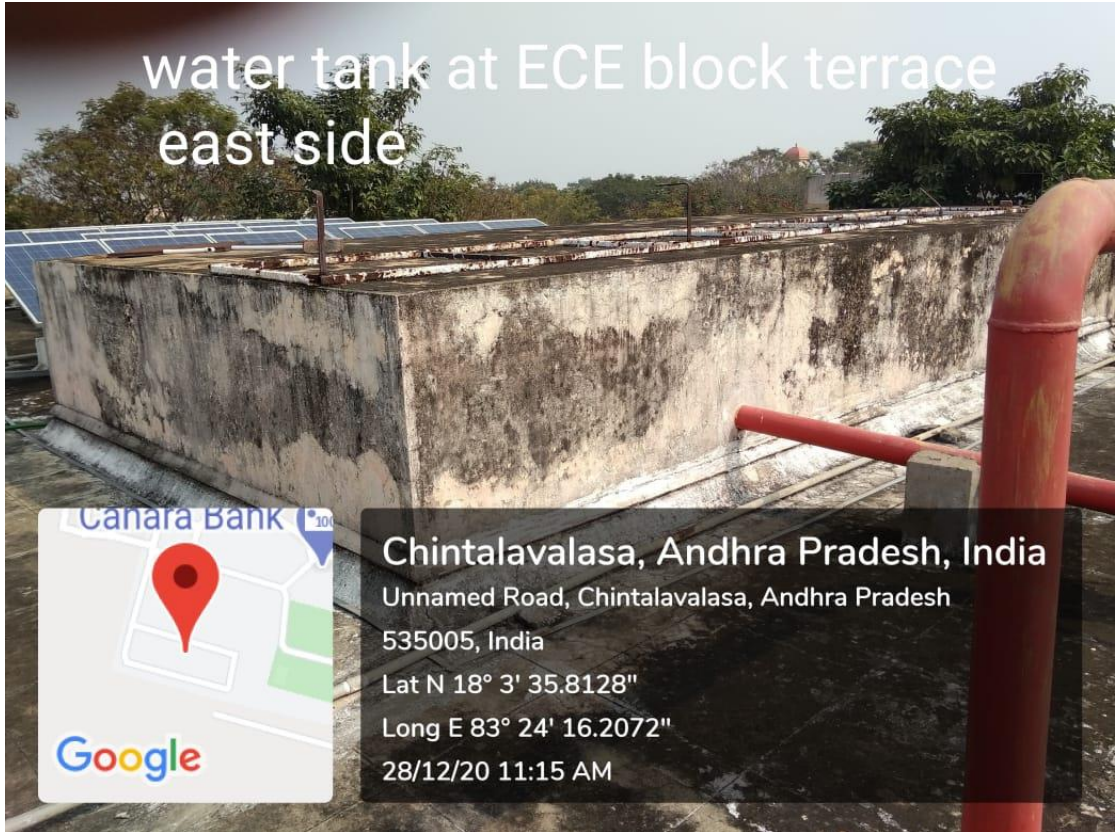


water tank at mechanical engineering terrace s/w corner



Chintalavalasa, Andhra Pradesh, India
Unnamed Road, Chintalavalasa, Andhra Pradesh
535005, India
Lat N 18° 3' 35.7768"
Long E 83° 24' 15.0804"
28/12/20 11:16 AM

water tank at ECE block terrace
east side



Chintalavalasa, Andhra Pradesh, India

Unnamed Road, Chintalavalasa, Andhra Pradesh

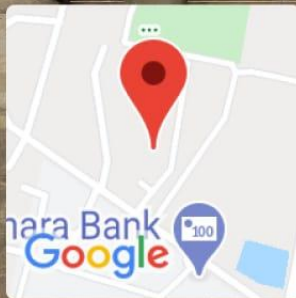
535005, India

Lat N 18° 3' 35.8128"

Long E 83° 24' 16.2072"

28/12/20 11:15 AM

solar water heaters on 'a' block
terrace boys hostel



Chintalavalasa, Andhra Pradesh, India

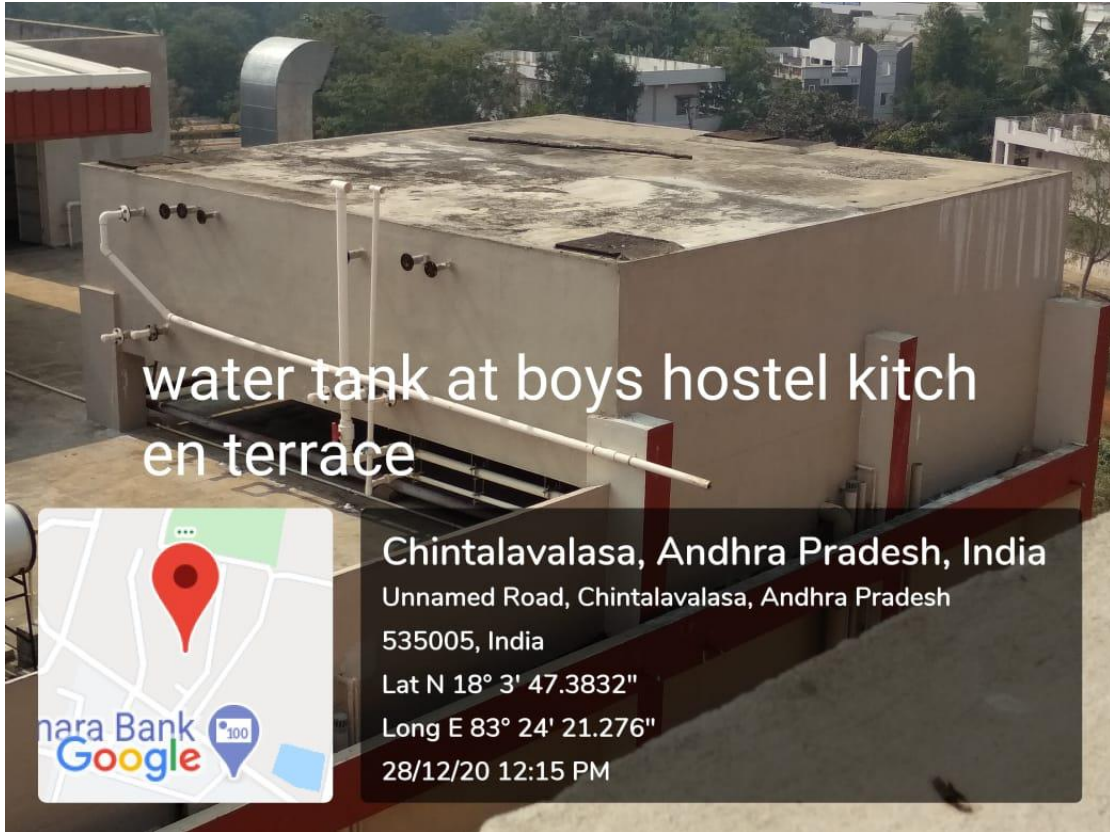
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535005, India

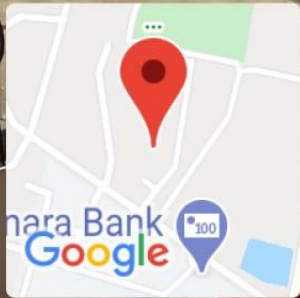
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28/12/20 12:15 PM



water tank at boys hostel kitchen terrace



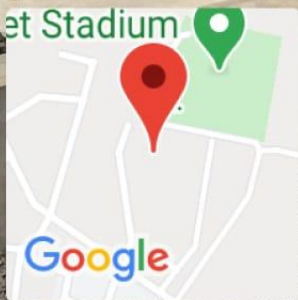
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535005, India
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28/12/20 12:15 PM



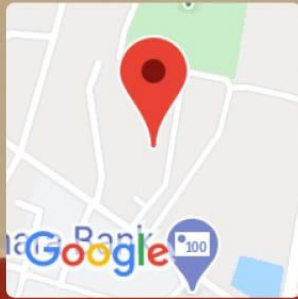
water tank at boys hostel 'b' block terrace



Chintalavalasa, Andhra Pradesh, India
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535005, India
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28/12/20 12:13 PM



Chintalavalasa, Andhra Pradesh, India
MVGR COLLEGE OF ENGINEERING, Chintalavalasa,
Andhra Pradesh 535005, India
Lat N 18° 3' 51.5556"
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28/12/20 12:08 PM



Chintalavalasa, Andhra Pradesh, India
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535005, India
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