



INDORE INSTITUTE OF LAW

(Affiliated to DAVV & BCI)

---Rank 1st PRIVATE LAW COLLEGE IN M.P., C.J. & RAJASTHAN BY---
INDIA TODAY – OUT LOOK – THE WEEK – THE KNOWLEDGE REVIEW

Gendalal Bam Parisar, Opp. IIM Rau, Pithampur Road (M.P.), 453331
Email ID- indoreinstituteoflaw@gmail.com, Website: www.indoreinstituteoflaw.org
Phone no:- 9977091777, 9977019777



Cycle First : “Re- Assessment– 2022”

DVV

Criteria-7

Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities
7.1.4 Water conservation facilities available in the Institution:

Submitted to





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7.1.4

RAINWATER HARVESTING

7.1.4

RAINWATER HARVESTING

Rainwater harvesting is a simple strategy by which rainfall is gathered and stored for future usage. The process involves collection and storage of rainwater with help of artificially designed systems. Rainwater Harvesting is unrestricted from any kind of impurity, with relatively less storage cost and no maintenance cost involved except for periodical cleaning. Reserving rainwater can help recharge local aquifers, reduce urban flooding and most notably, ensure water availability in water-scarce zones.

Indore Institute of Law has a robust Rainwater Harvesting System. It has

- **Rooftop Rainwater Harvesting System,**
- **Surface Runoff Harvesting and**
- **Water Recharging Pits**

Rooftop Rainwater Harvesting –

The rooftop becomes the catchments, and the rainwater from the building are collected. The water collected through rainwater harvesting is directed into tanks, constructed for water conservation.

1. **Indore Institute of Law** has installed **Rooftop Rainwater Harvesting in its Block A, B, C and D and E.**
2. The water from the terrace of **Block B, C, D and E** reach the chambers spread in the campus through pipes. This water in the chamber is then directed to the **Bore well** at **Block B** via **Underground Pipes.**
3. This water in the chamber helps recharging of **bore wells** in the campus.
4. Rainwater collected from **Block A** is directly stored in the nearby tank.
5. The entire **Rainwater Harvesting System** is well planned and college takes extra initiative in implementing the entire system through a well laid out decentralized way. **The College** believes in bottom-top approach where suggestions are taken from all the stakeholders working at **Bottom Level** and proper decisions are taken according to the convenience at the **Top Level.**

Mansu

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7.1.4



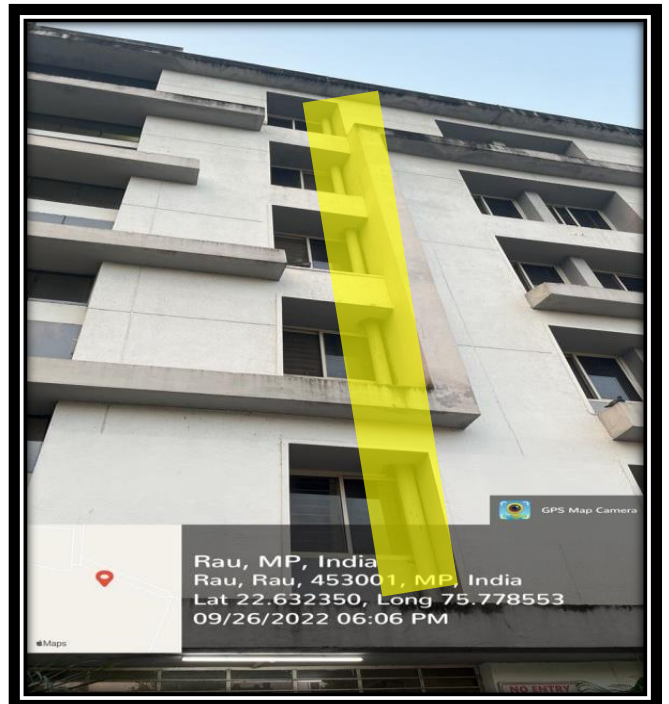
Roof Top Rain Water Harvesting Block - A



Roof Top Rain Water Harvesting Block - B

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Roof Top Rain Water Harvesting Block – D& Block - E

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7.1.4

SURFACE RUNOFF HARVESTING

SURFACE RUNOFF HARVESTING

It is the system that collects rainwater, which flows away as surface runoff. The runoff rainwater is caught and used to recharge aquifers by adopting appropriate techniques.

IIL has **Recharging Pits, Paver Blocks, Chambers, Bunds and Boundary Wall** which help in better utilisation of Surface Water. The ultimate aim of rainwater harvesting in the Campus is to raise the level of water and also college should be self-sufficient for its water needs. The college also helps to raise the water level of nearby areas which can further be used for agricultural activities.

Paver Block

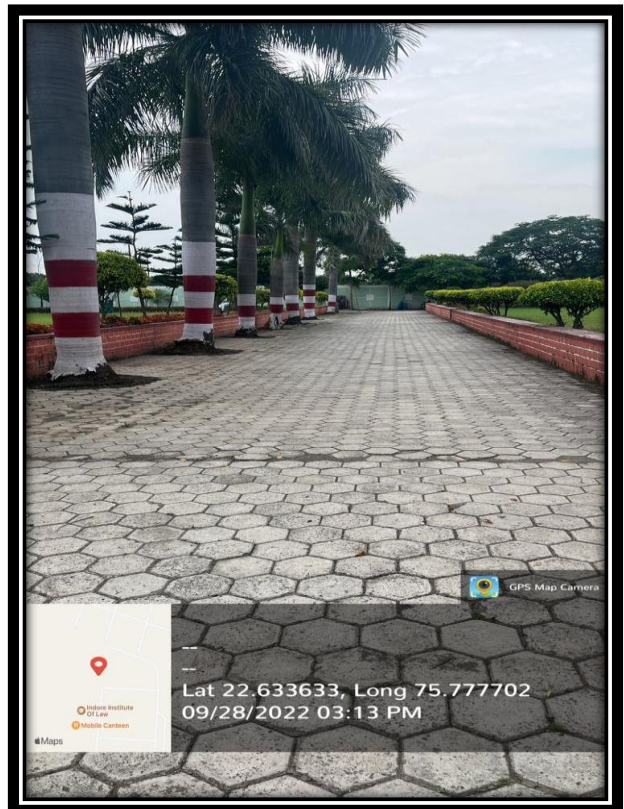
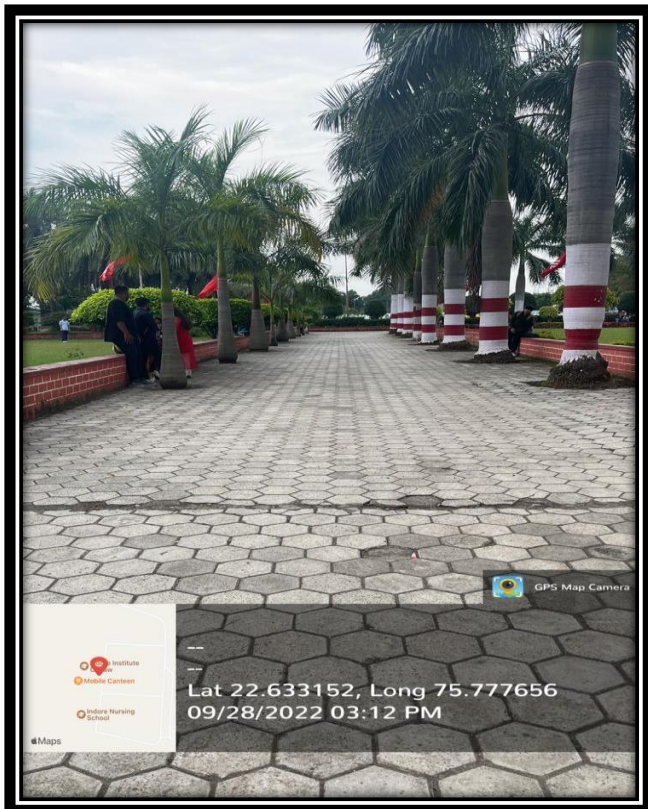
- **Indore Institute of Law** has used **Paver Blocks** throughout the campus in the open space.
- **Paver Blocks** are more **environment-friendly** as compared to the solid plain surface. Solid surface causes water and chemical runoff that may pollute natural water sources.
- Block paving will also **prevent rainwater from gathering or flooding**, allowing one to create better drainage system on one's pathway or driveway.
- It also helps in **recharging of ground water** as water easily percolates to the surface and helps in ground water recharging.

Chambers

IIL Campus has **Open chambers** to collect rain water which is then directed into tanks. It also helps in **recharging of bore wells** in the campus.

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Pavers Blocks in the Campus

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7.1.4

WATERRECHARGING PITS

WATER RECHARGING PITS

IIL promotes recharging of water via Natural Sedimentation Process through numerous Pits present in the campus. All the **Four gardens** in the **Institute** premises are dotted with numerous **water recharging pits**. These pits are **10 feet deep which are filled with pebbles and brick pieces**, resulting in the increase of ground water level.

There are 3 **big pits** behind **Block-A** covering an estimated area of **20000 sq. feet** for natural rainwater harvesting thereby increasing **the level of ground water**. **Indore institute of law** also has multiple recharging pits at multiple locations in the campus. Catchment area of the big pits is sufficient enough to accommodate IIL's water needs even during the dire times of extreme summer.

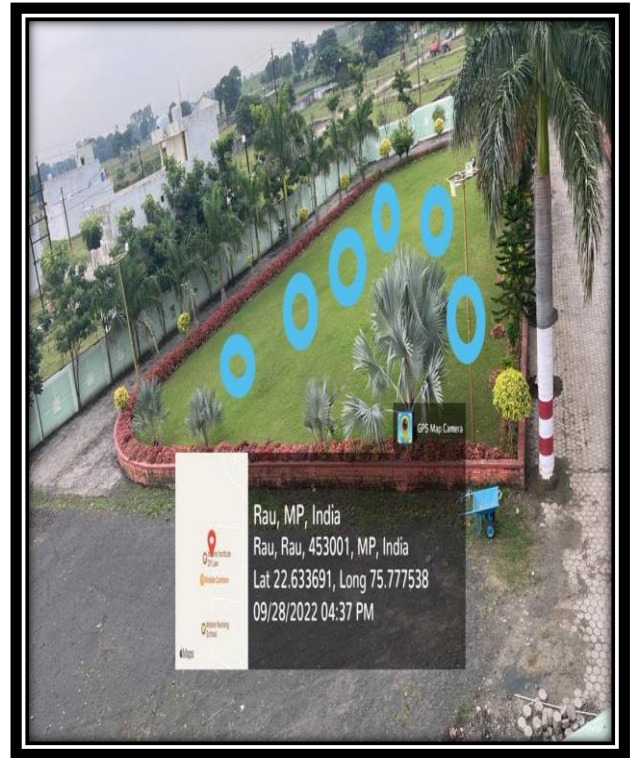
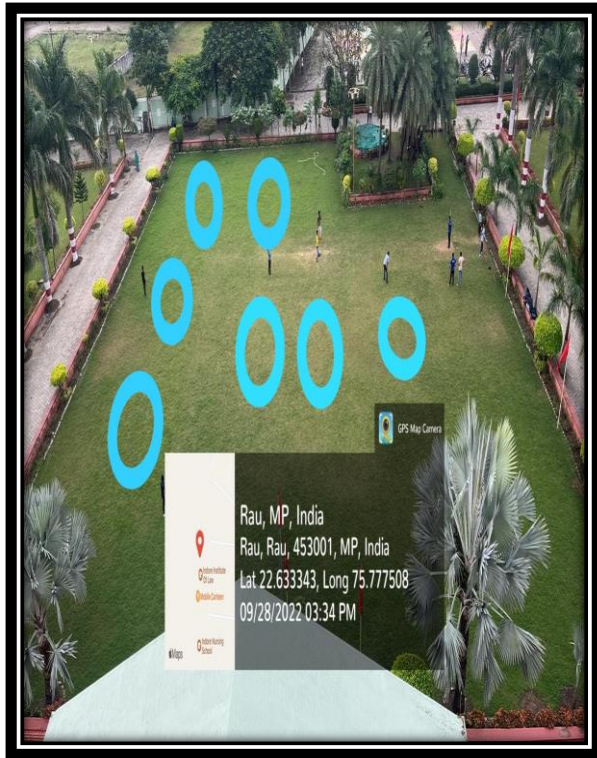


Water Recharging Pits Garden No. 1 (Marked in the Circles)

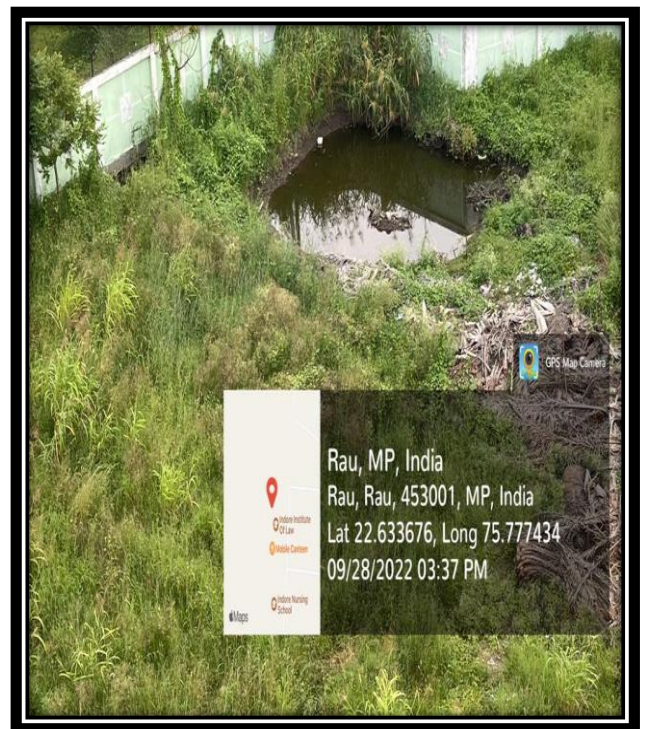
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7.1.4



Water Recharging Pits Garden No. 2 & 3(Marked in the Circles)



Water Recharging Pits Garden No. 4 Water Recharging Pits Pit behind Block - A

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7.1.4

BOREWELL/OPEN WELL RECHARGE

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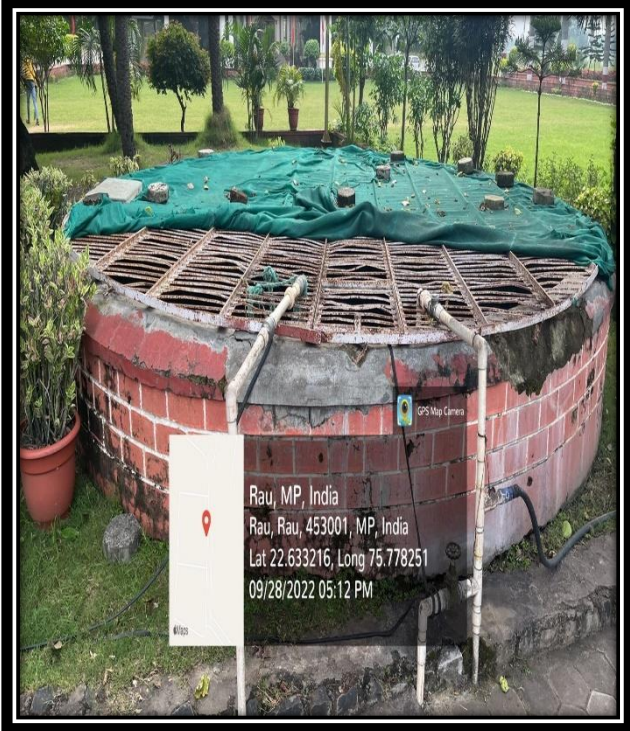
- **IIL** campus has both Bore wells and Open well which helps in recharging of ground water.
- IIL has **One Open Well and Three Bore Wells** in the premises which cater to Institute's water need.
- Rainwater is directed to bore wells through pipes which helps in **Recharging of Bore wells** and tanks.
- **Open well** situated in the garden gets **Recharged naturally** through rain water regularly.
- Institute also has **Recharging Pits** situated near well which helps in **recharging of well** naturally.
- Also the extra water collected in the garden due to heavy rain is directed towards well, Bore wells and Tanks through motors.

SELF-SUFFICIENT

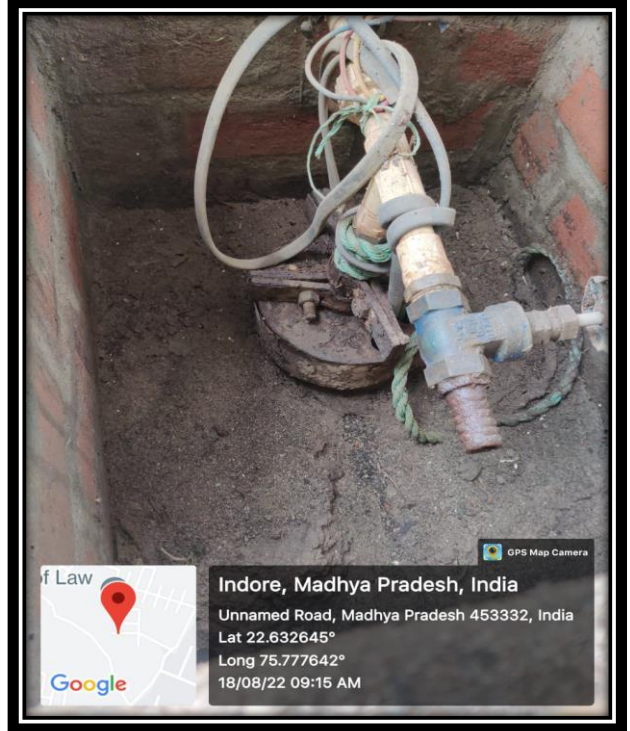
- Due to such robust water bodies and infrastructure we are **self-sufficient** in our requirements.
- Being a boarding institute we have hostel occupancy of around 600 students whose water requirements for daily chores being fulfilled by the Institute.
- Water for cooking, washing, cleaning and construction activities also being taken care by Institute's water bodies.
- No outside tankers are ever being called for our water requirements.
- Institute also provides water to nearby agriculture fields for irrigation.
- Institute has efficient water recharge system which makes it **Self-Reliant** in its Water requirements.

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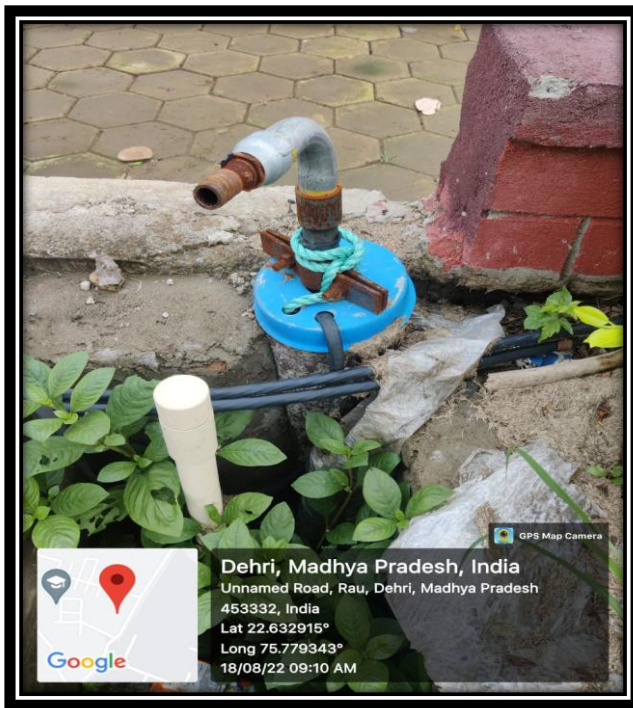
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Open- Well



Bore Well No. 1



Bore Well No. 2



Bore Well No. 3

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7.1.4

CONSTRUCTION OF TANKS AND BUNDS

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TANKS

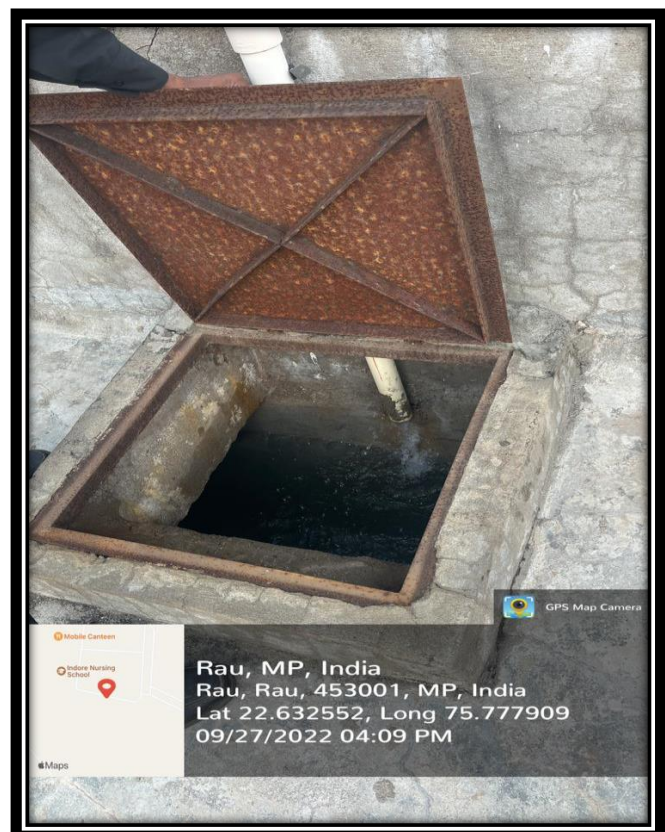
- IIL has **Underground Tanks** in the premises, one each in Block A and B and two in Block E. These tanks **Stores Rainwater** collected through Rainwater Harvesting, **RO and AC waste water** which in turn can be **reused** for gardening, cleaning of buildings and washing of vehicles.
- Apart from these, **Institute** also had **Overhead Tanks** to store water.

BUNDS

- All **4 gardens** of the Institute are covered with **Bunds** to **stop Surface Run-off** of the water.
- The Institute premises are covered with **Bunds (boundary wall)** which doesn't allow rain and surface water to **breach premises**.



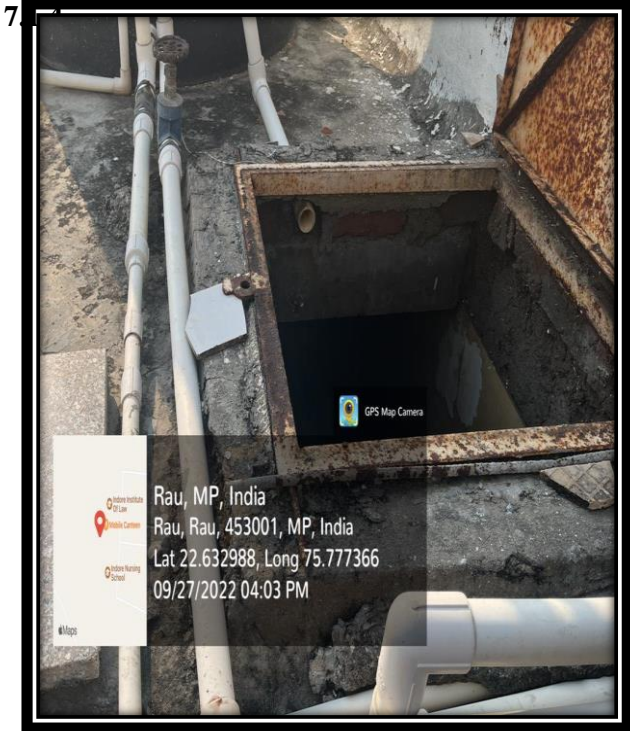
Under Ground Tank Block – A



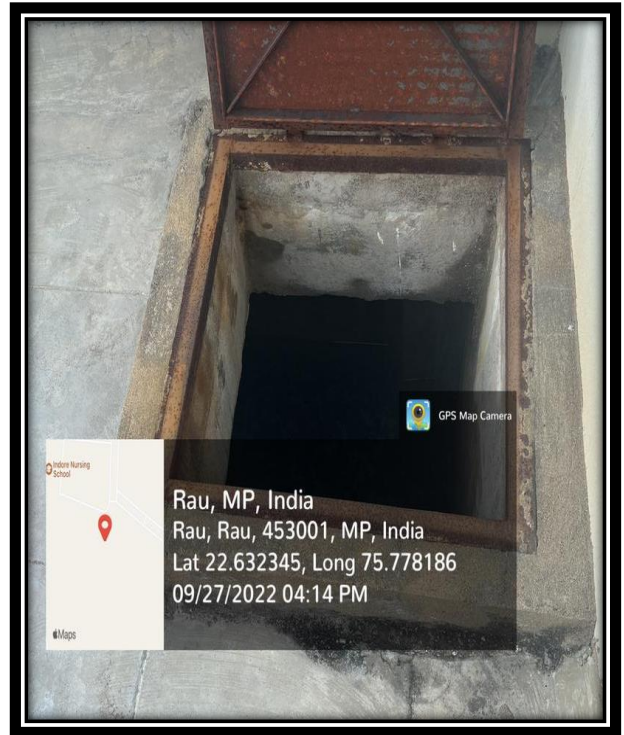
Overhead Tank Block - A

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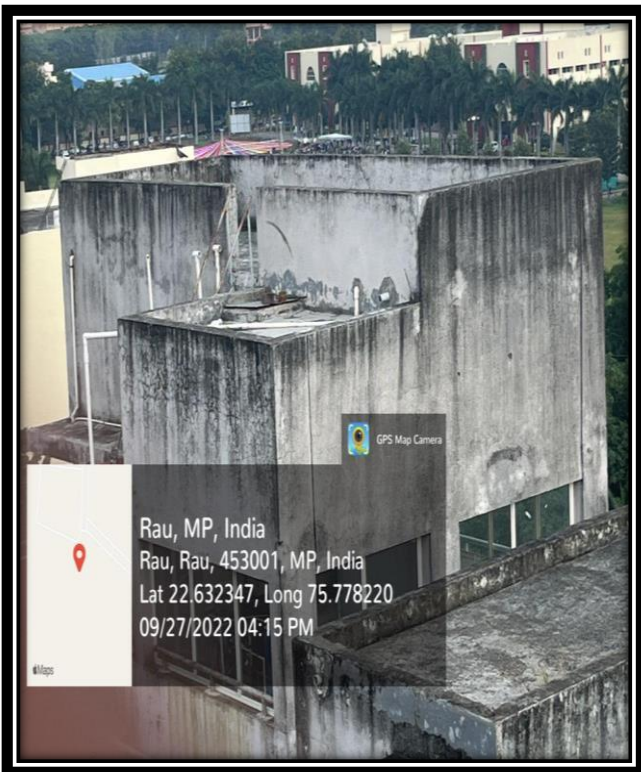
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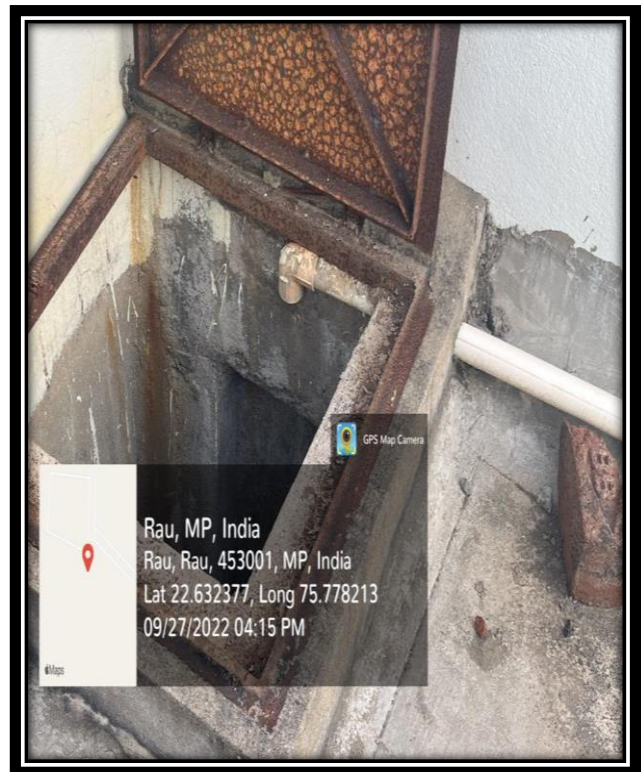
Overhead Tank Block – B



Overhead Tank Block – C

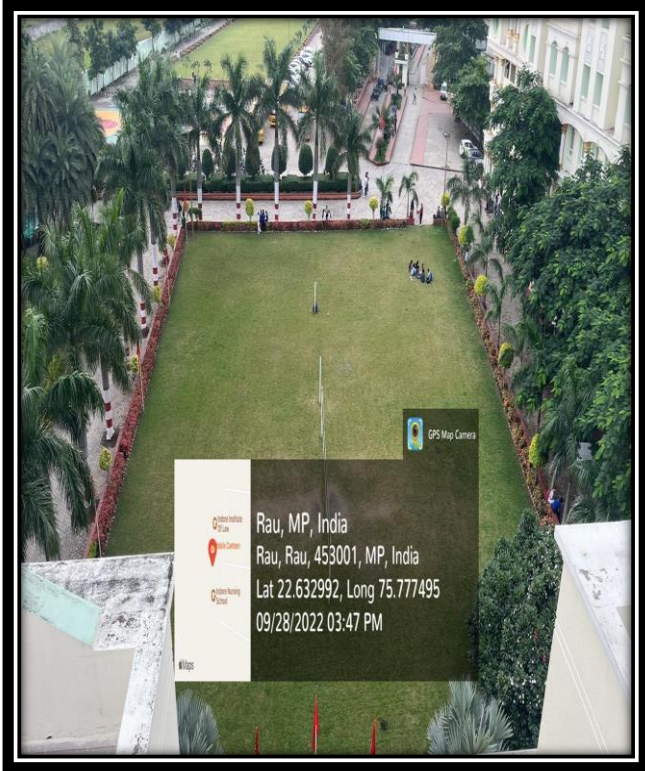


Overhead Tank Block –D &E

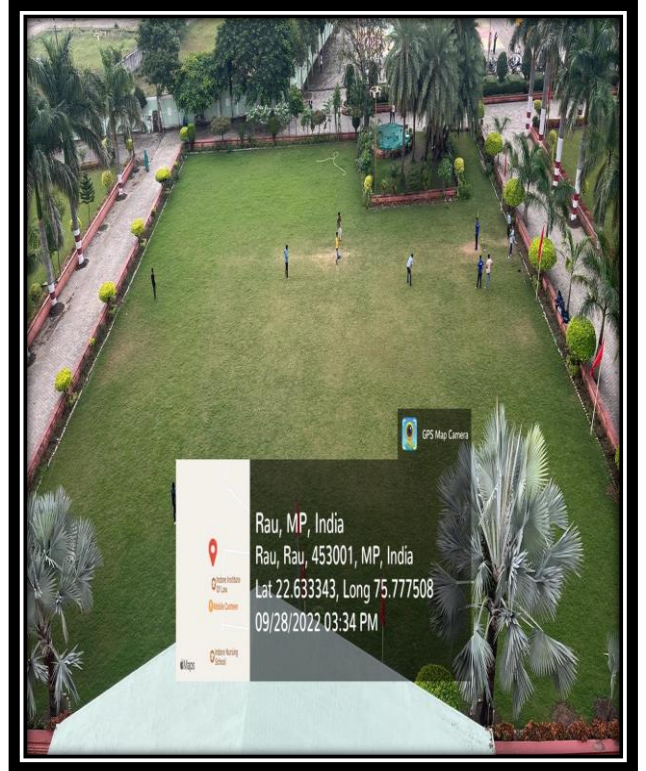


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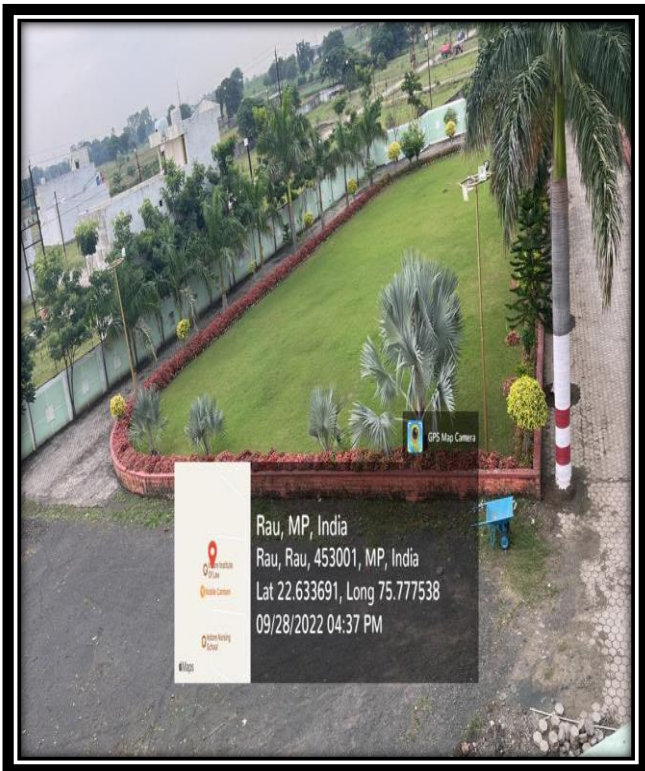
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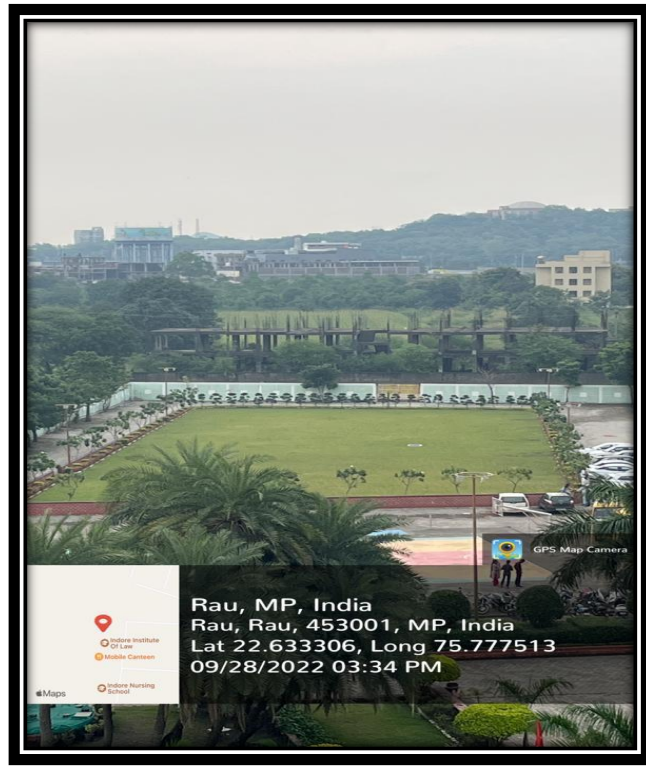
Bunds across Garden No. 1



Bunds across Garden No. 2



Bunds across Garden No. 3



Bunds across Garden No. 4

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7.1.4

WASTE WATER RECYCLING & REUSE

&

MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM IN THE CAMPUS

7.1.4

WASTE WATER RECYCLING & REUSE

Water recycling is reusing treated waste water for beneficial purposes such as agricultural and landscape irrigation, industrial processes, toilet flushing and replenishing a ground water basin. **RO Waste Water** is **REUSED** for **earthing, gardening, fountain, construction activities, washing of washrooms, vehicles such as Buses, Vans etc.** Similarly Kitchen waste water is **REUSED** in Gardens.

Indore Institute of Law though **self-reliant** in its water requirements is committed to **sustainable use** of water by **Re-using** at multiple levels. We are planning to install a **Sewage Treatment Plant** for recycling of waste water generated in the campus. The Institute has already invited quotations in this regard. The Institute promotes reuse of water on a large scale. The best way to conserve water is reuse of water. **Indore Institute of Law** believes in the concept of **reuse, reduce and recycle**.

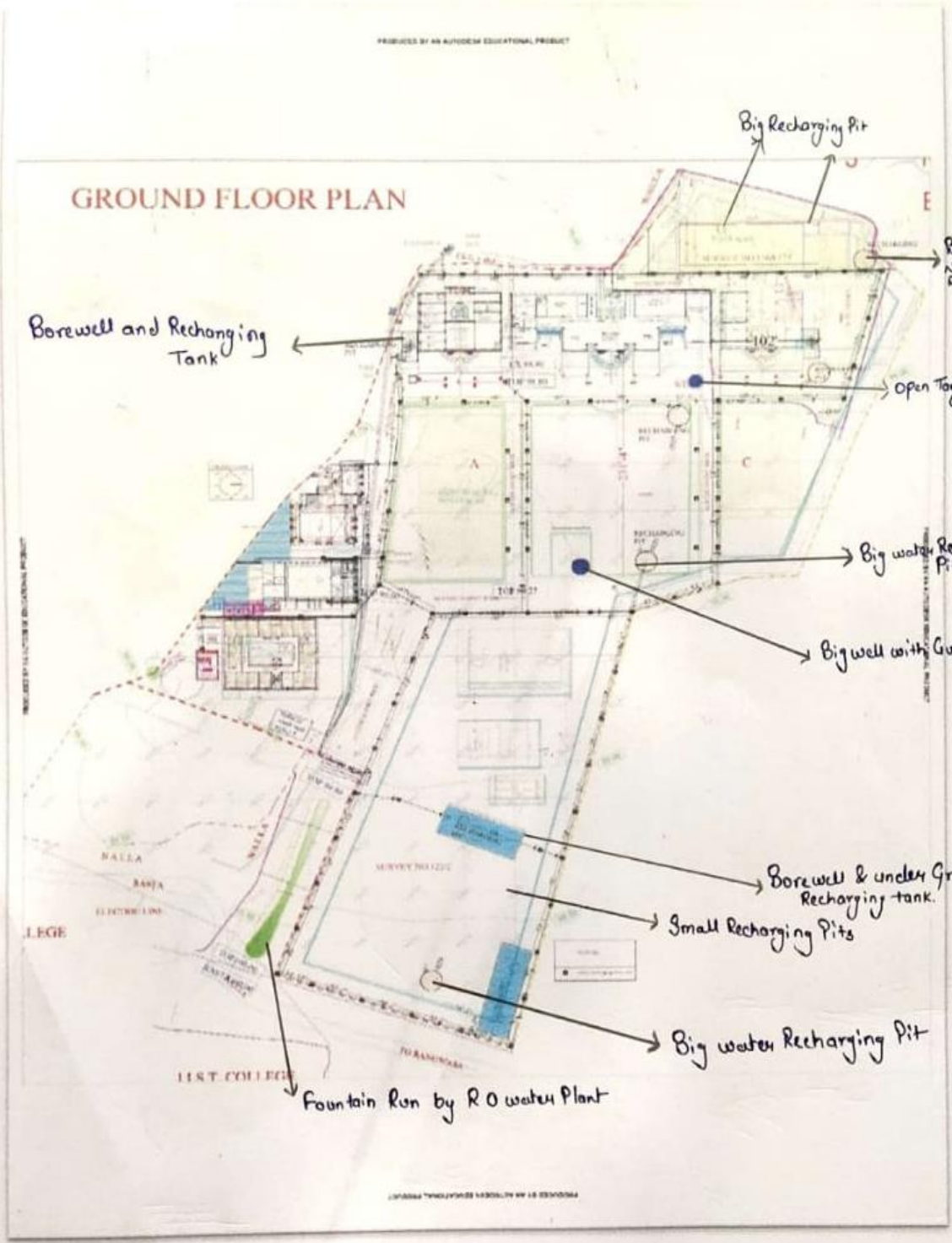
Maintenance of Water Bodies and Distribution System in the Campus

For cleaning of water bodies, IIL **breeds Guppy fishes** on regular basis which is one of the best natural methods for cleaning of water bodies.

IIL has robust **water distribution system** which is built to cater the water requirement of the Institution which includes tanks(both underground and overhead), well, bore wells, chambers, pits etc.



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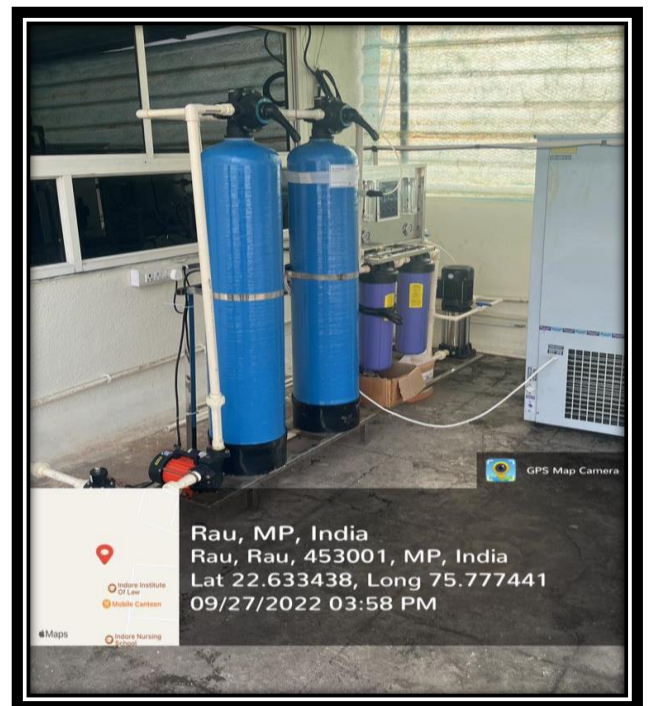
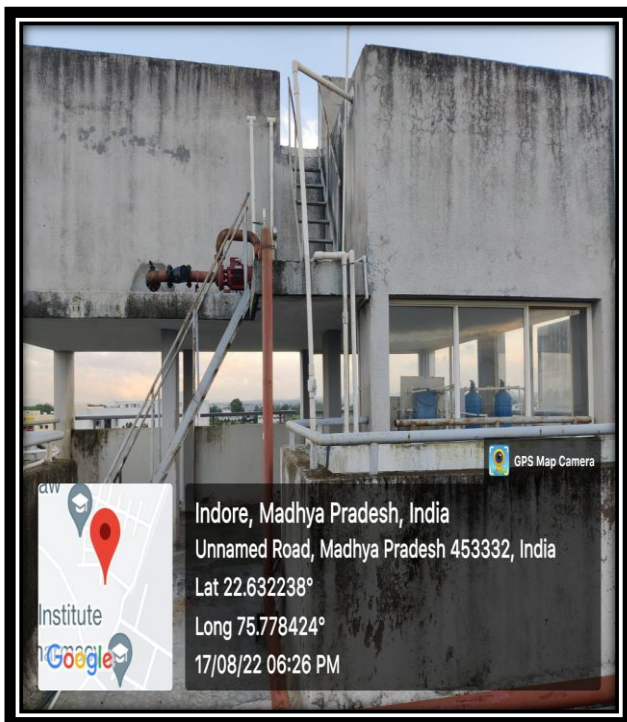
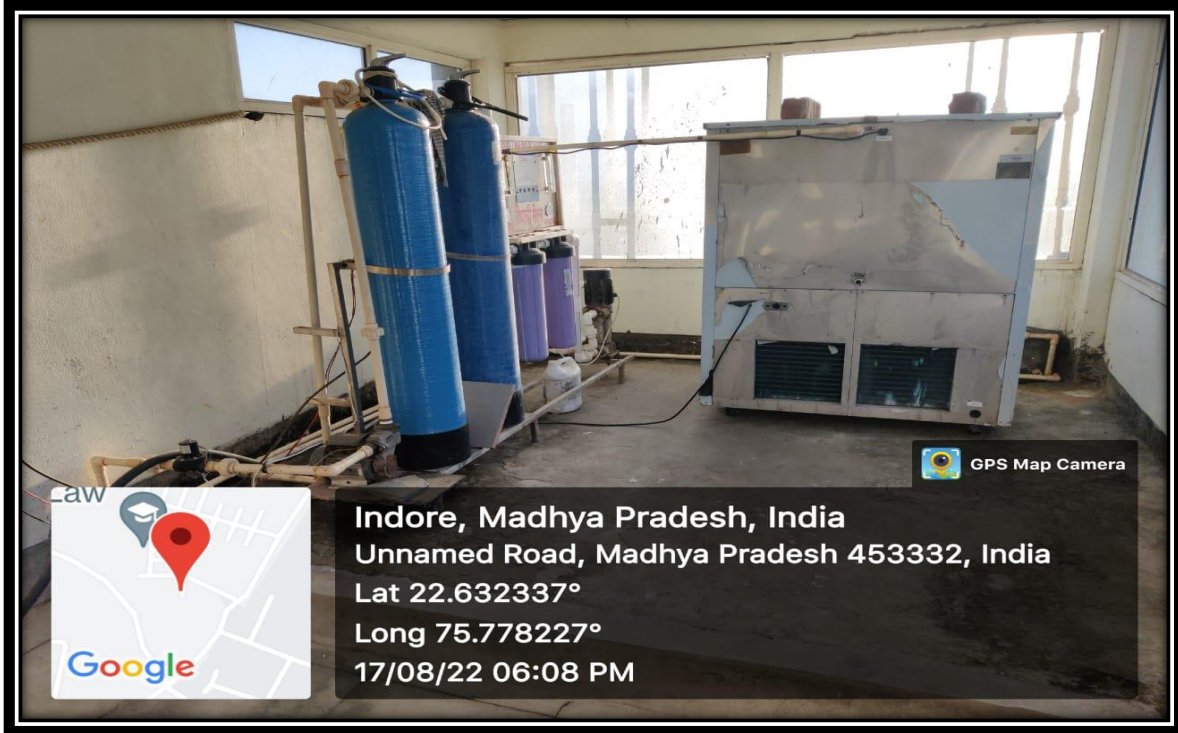


- Water Recharging Pits
- Well
- Natural Composting Pit
- ▨ Borewell,

Ground Floor Plan

Dean/Principal/H.O.D.

7.1.4



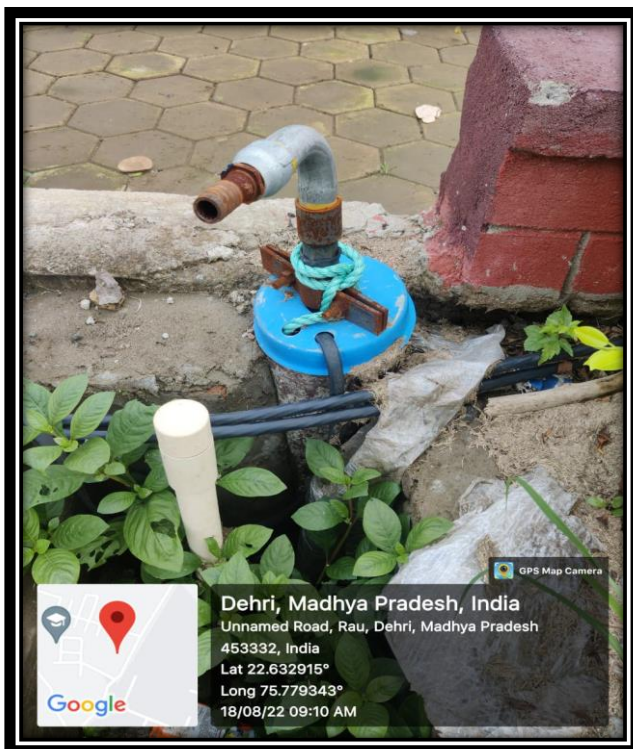
RO Water Plant in Different Blocks

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Bore Well No. 1



Bore Well No. 2



Bore Well No. 3

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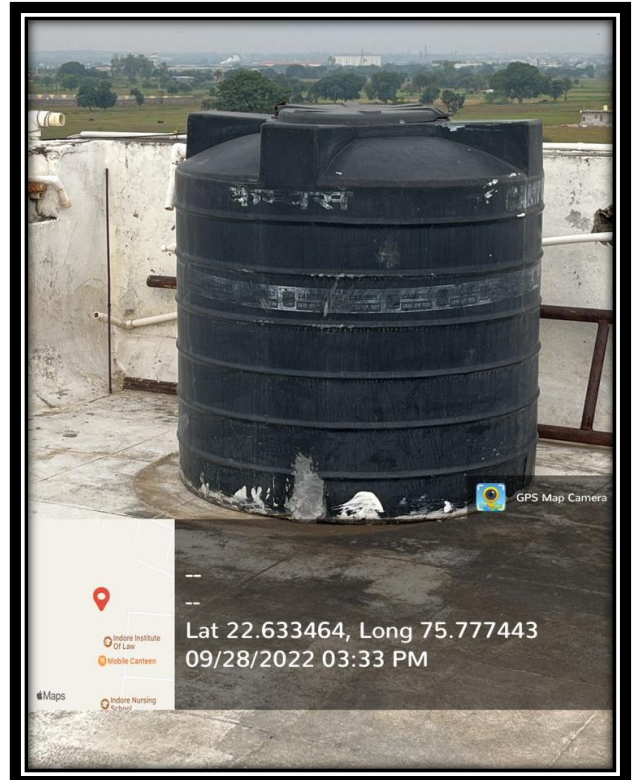
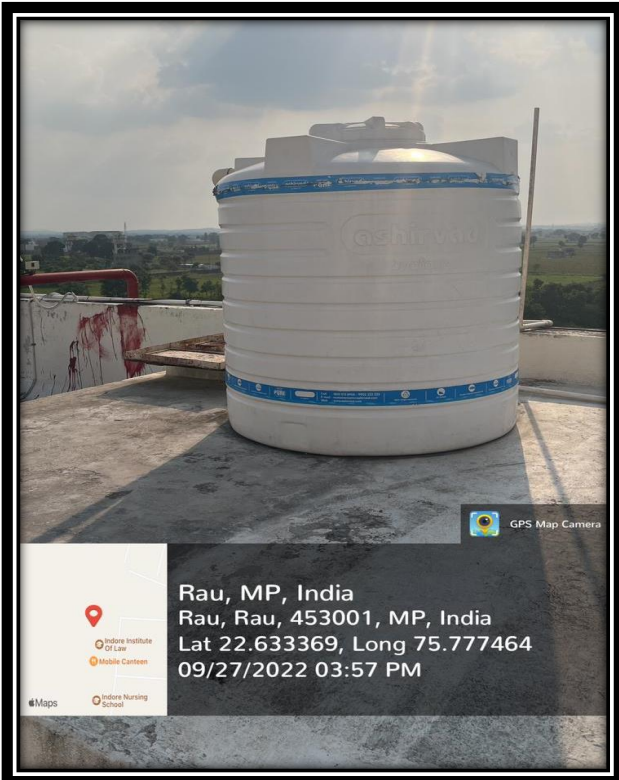
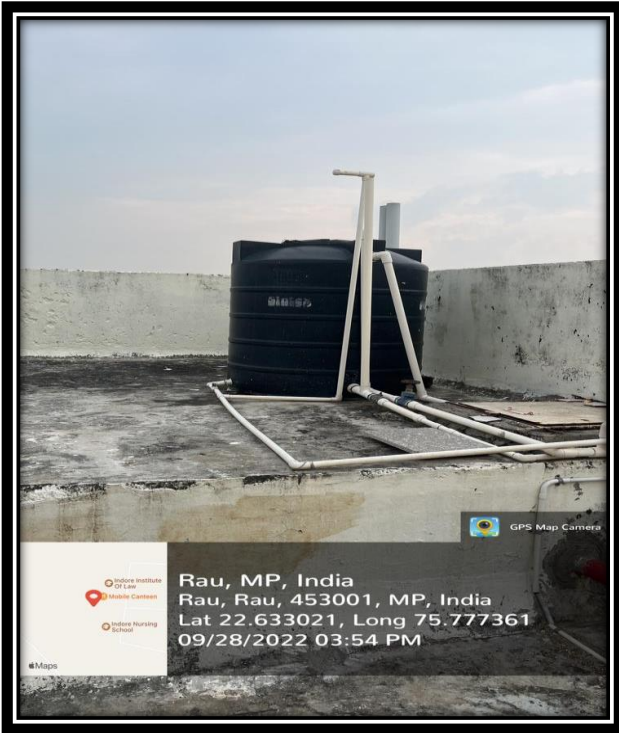
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Chambers for Water distribution

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Tanks for Water Storage & Distribution in Different Blocks

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