

SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA

Water conservation facilities available in the Institution

2022-23










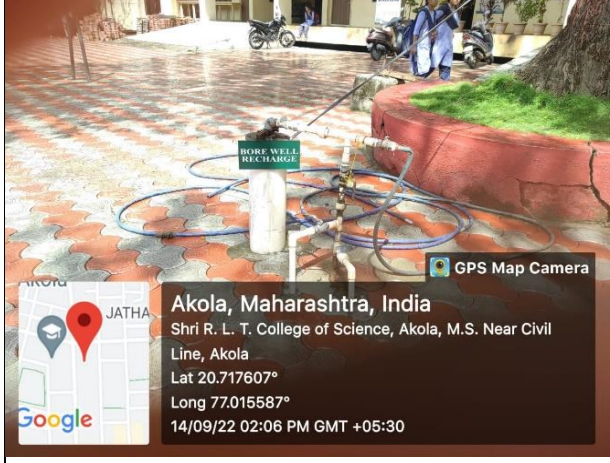
7.1.4

Shri R.L.T. College of Science, Akola has following facilities for Water conservation:

1. Rain water harvesting
2. Bore well /Open well recharge
3. Construction of tank
4. Waste water recycling
5. Water distribution system in the campus

Geotagged photographs of the facilities

Rain water harvesting

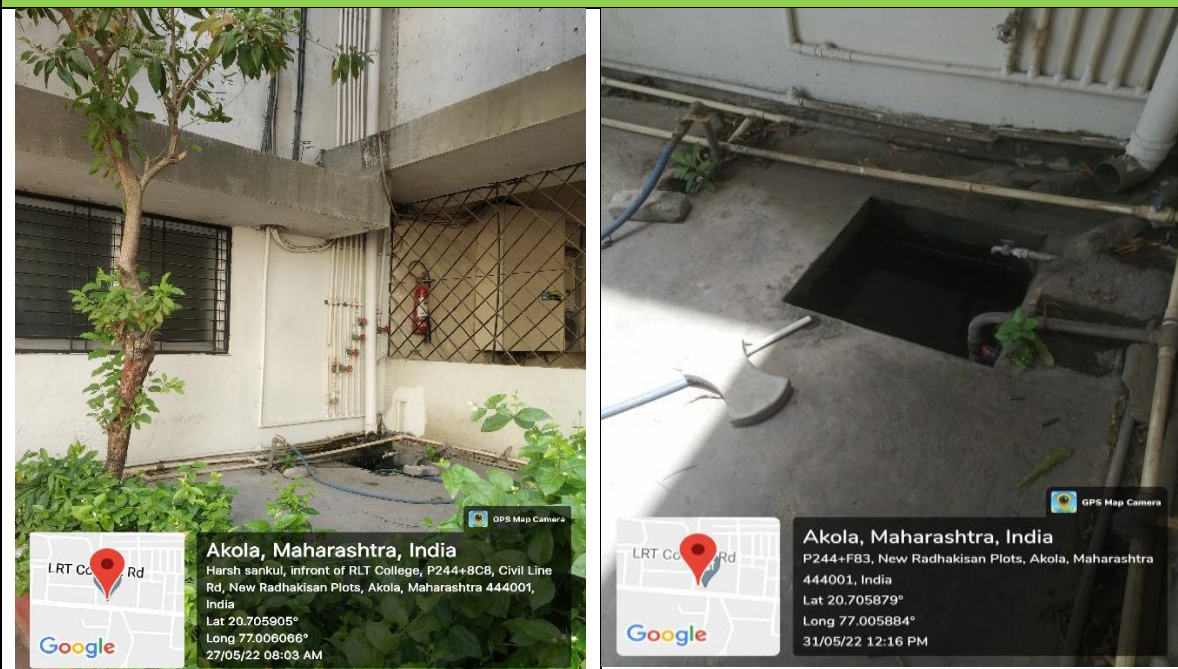
 <p style="font-size: small; text-align: center;">Akola, MH, India Old Radhakisan Plots, Akola, 444001, MH, India Lat 20.706172, Long 77.006151 07/12/2023 03:04 PM GMT+05:30</p>	<div style="text-align: center;">  <p>The Berar General Education Society's SHRI RADHAKISAN LAXMINARAYAN TOSHNIWAL COLLEGE OF SCIENCE, AKOLA</p> </div> <div style="text-align: center; background-color: #92d050; color: white; padding: 5px; margin: 5px 0;">Rain Water Harvesting System</div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td style="width: 30%;"></td> <td style="width: 35%;">Name of Building</td> <td style="width: 35%;">Wing F</td> </tr> <tr> <td></td> <td>Total area of roof covered for water harvesting</td> <td>5280 sq.ft.</td> </tr> <tr> <td></td> <td>Average Rain fall</td> <td>846.5 mm</td> </tr> <tr> <td></td> <td>Approximate quantity of collected rain water</td> <td>415232 lit.</td> </tr> <tr> <td></td> <td>Utilization of Water</td> <td>Recharge of Bore well</td> </tr> </table> <div style="display: flex; justify-content: space-around; margin-top: 5px;">    </div> <p style="text-align: center; background-color: #92d050; color: white; padding: 5px; margin-top: 5px;">Catch the Rain Where it falls, When it falls</p>		Name of Building	Wing F		Total area of roof covered for water harvesting	5280 sq.ft.		Average Rain fall	846.5 mm		Approximate quantity of collected rain water	415232 lit.		Utilization of Water	Recharge of Bore well
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<p>Rain water from the roof of college building is channelized towards water harvesting pit.</p>	<p>Detailed about rain water Harvesting system</p>															
Bore well recharge																
	 <p style="font-size: small; text-align: center;">Akola, Maharashtra, India Shri R. L. T. College of Science, Akola, M.S. Near Civil Line, Akola Lat 20.717607° Long 77.015587° 14/09/22 02:06 PM GMT +05:30</p>															

Construction of underground tank



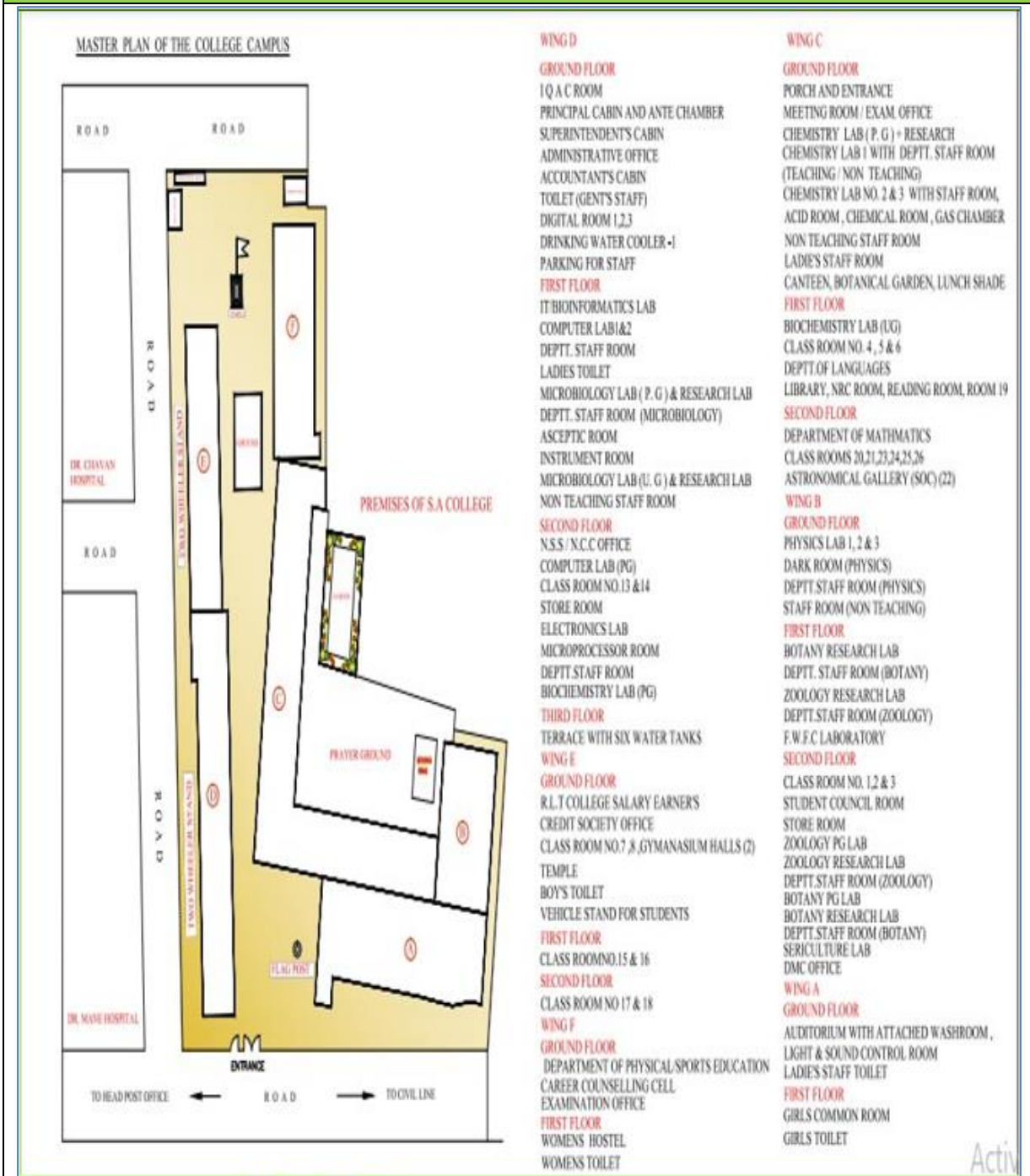
Underground tank in campus having capacity of 15,000 litres

Waste water recycling



Rainwater from the building slab is collected in an underground tank and used for trees and college garden.

Water distribution system in the campus



Master plan of College Building according to which water distribution system work



Sample tanks on the roof of wing D out of 31



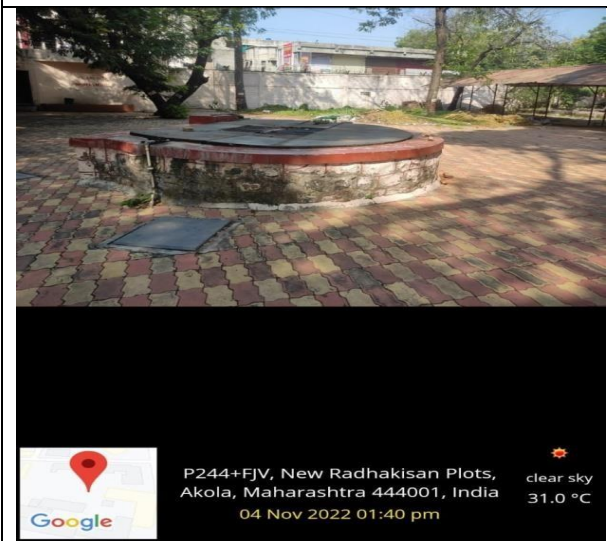
Bore well



8 water filters in the campus



7 water coolers to provide cold water



Open well



Underground tank having capacity 15000 liters
