

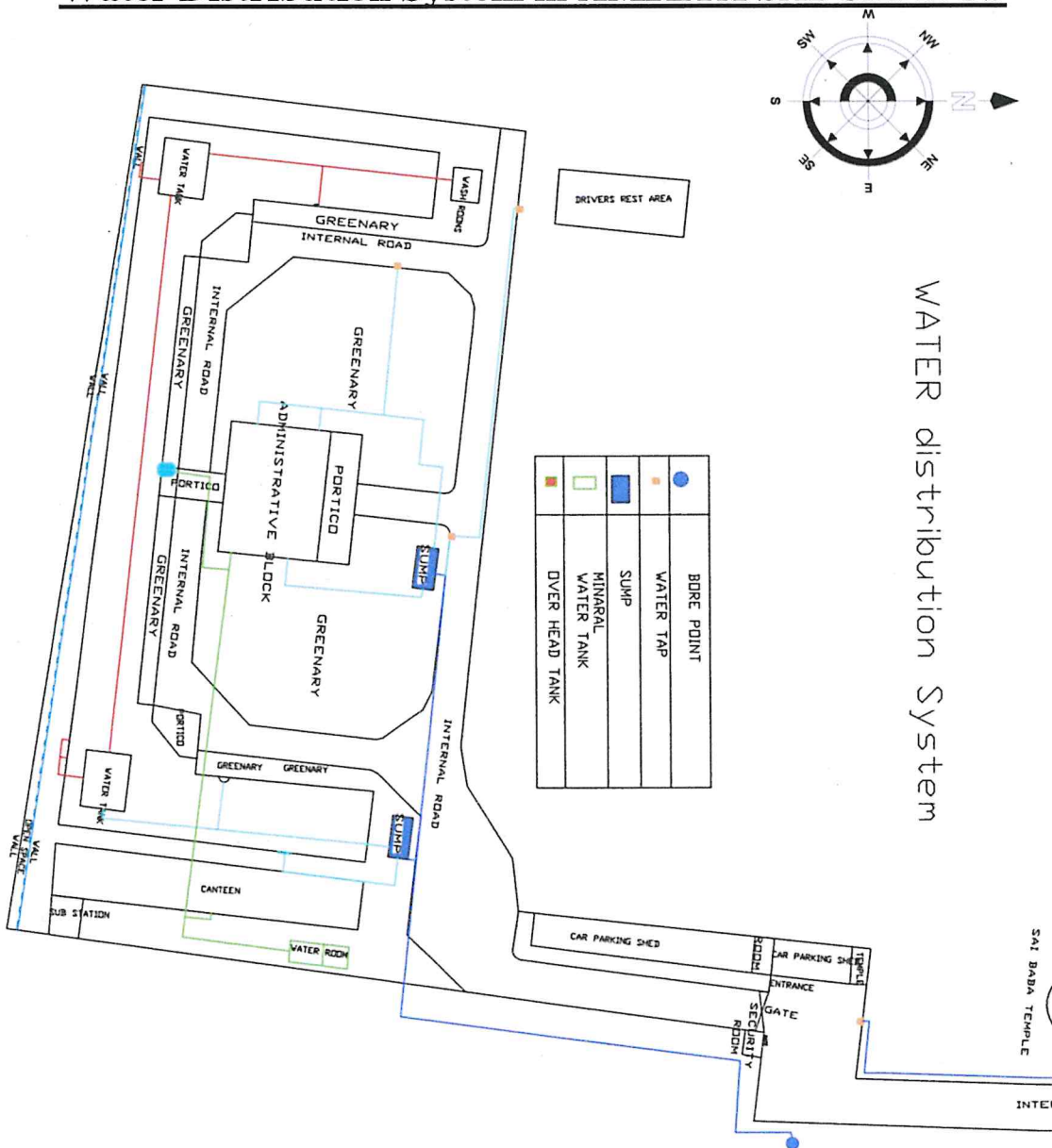
AMRITA SAI INSTITUTE OF SCIENCE AND TECHNOLOGY (AUTONOMOUS)



Approved by AICTE, New Delhi; Permanently Affiliated to JNTUK, Kakinada,
Recognized by UGC under 2(f) & 12(B) of 1956 Act.,
An ISO 9001:2015 Certified institution, Accredited by NAAC "A" Grade,
Paritala, kanchikacherla, Krishna Dist., Andhra Pradesh – 521 180.
www.amritasai.org.in, Phone: 0866-2428399



Water Distribution System in AMRITA SAI CAMPUS



WATER distribution System


IQAC

IQAC Coordinator
Amrita Sai Institute of Science & Technology
Amrita Sai Nagar, Paritala -521180


PRINCIPAL
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Amrita Sai Institute of Science and Technology
Amrita Sai Nagar, Paritala
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Maintenance of Water bodies and Distribution system in the campus:

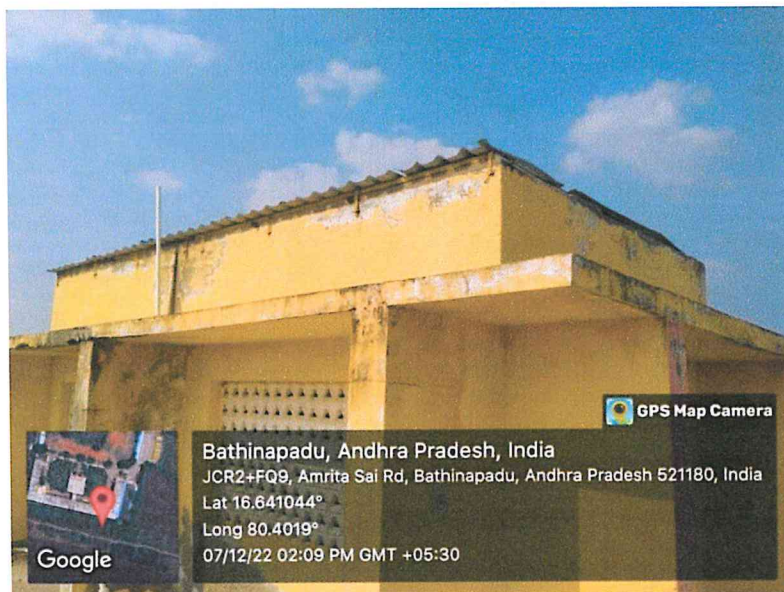
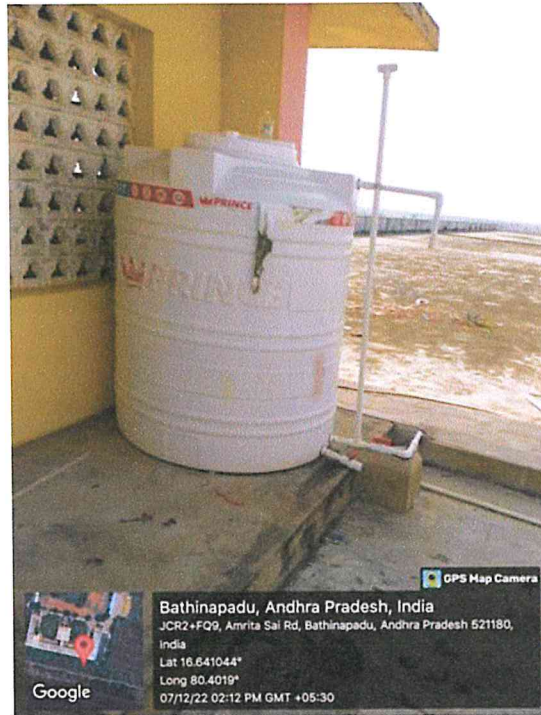
The water bodies are maintained regularly so as to provide sustainable, consistent, economic safe and adequate water to the campus. The main objective of the maintenance is to provide diseases free environment. In the campus, the process of Chlorination will be carried out to kill bacteria, viruses and other microbes present in water. Mainly it is carried out to prevent the spread of water borne diseases like cholera, dysentery and typhoid etc. The distribution of water is done through well equipped system of pipes. By the process of Ozonisation and Reverse Osmosis, the water is treated as drinking water and supplied through a separate type of distribution system and other set of distribution pipes are used for all other activities. By using Low flow plumbing fixtures, the wastage of water is highly reduced. All the collaborator of the college are educated and motivated about the importance and the usage of water in the campus. Scheduled Inspection of machineries is done in daily, weekly, monthly and annual basis in the campus. In order to avoid leakages and to prevent wastage of water, overall distribution system in the campus is well maintained and supervised by the Maintenance team of the college.





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The ground water is pumped into storage tanks located at different places in the campus. There are numbers of overhead storage tanks in the campus. The water is distributed through well laid pipe network. Drinking water after treating in RO plant is supplied through a separate set of distribution pipes and water for all other purpose is supplied through another set of distribution pipes.



RO Plant Water Plant


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