

AQUALIFE

DRS INTERNATIONAL SCHOOL



Introduction

Taking the serious state of our lakes in Hyderabad and surrounding cities we realize the public does not recognize the damage they cause by dumping waste in these fresh water bodies. We want to bring awareness about the pathetic condition of rivers and lakes and prevent people from dumping waste into the water bodies.

'AQUALIFE' Global Social Leaders



The AQUALIFE team

Members along with our teacher MRS. JANET,

1. SAHITYA INUGANTI
2. NISHA SHENISHETTY
3. SRINIDHI NARAHARI
4. GURRAM LEELA LAASYA
5. CHELLARAPY GEETHIKA
6. SATHVIKA PONPONUGOTI
7. MOHANNAD ILIYAS



Our journey

- Although we are students from commerce background, we enjoy the nature and love to protect the aquatic life. We take pride in standing up for our lakes and speak about it. Make chemical analysis of the water and protest for anti dumping of debris and chemical waste in the lake.



SDG 14, 15

- We selected the global goals number :14, ‘life below water’ and SDG:15 ‘life on land’ as we are concerned with fresh water and water quality . We see lots of problems, it is 2020 and we are yet to achieve.
- *“By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and dry lands, in line with obligations under international agreements”* (targets of DG 15)



Religious
immersion of
idols

Industrial
and
domestic
dumping of
waste



Solution

- We want to spread awareness and educate public about water bodies and their importance.
- We want to tell people not to pollute lakes with dumping their waste in it.
- We want to spread the idea that religious immersion of idols in lakes is not healthy.
- We want to collaborate with some schools to take action on lake cleanliness.
- We want to promote the idea of ‘adopt a lake’ so that more people take action.

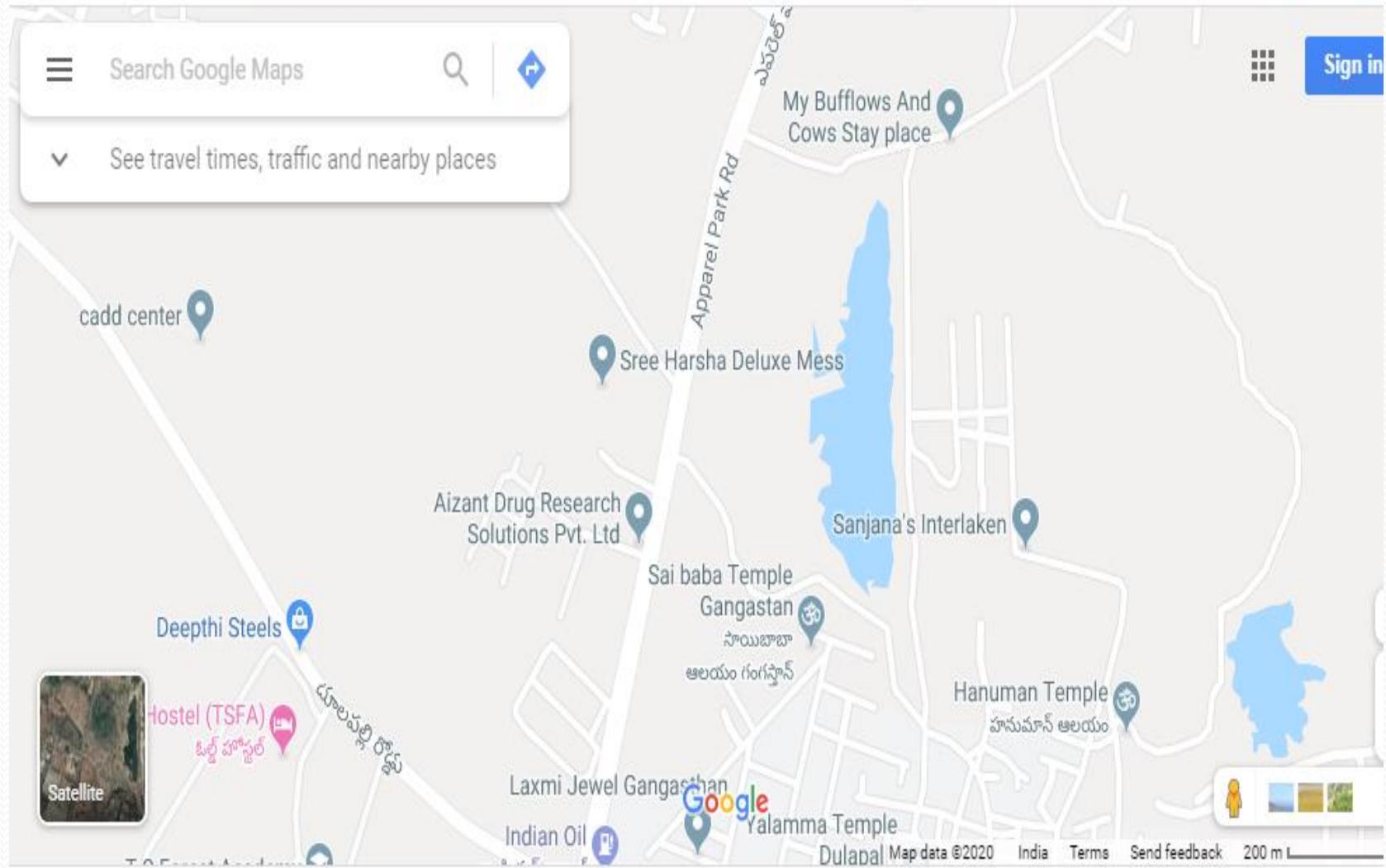
Visit to the lakes

- To know more about life below water and the AQUALIFE our Global Social Leaders team from DRS International School visited a small lake near Dullapally Hyderabad called; Tummar Cheruvu. We were surprised to know ; “this beautiful water body once covered a larger area and supplied water to Fox Sagar which is a bigger lake just two kilometers away said an old resident “ Said Mrs Saritha an old resident .

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Hanuman Temple

Laxmi Jewel Gangasthan

Yalamma Temple

Deepthi Steels

Hostel (TSFA)

Indian Oil

Dulapal

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Satellite



A QUICK ANALYSIS



Say Goodbye to our lakes

- You might have to say goodbye to Hyderabad lakes if you don't protect the cities' water bodies. Did you know Hyderabad had 7000 lakes.
- At present , Hyderabad has only 70 remaining lakes!!!

We need to take action



Domestic dumping of waste near the lake



Research findings

- Hyderabad will reach zero ground water by 2020
- Water table dropped from 14.56 mbgl in 2018 to 12.7 mbgl in 2019.
- Hyderabad water table has reached to 42.71 meters below ground level .



Adopt a lake



Impact

- Project duration was from January to April 2020
- It took us 50 working hours of activity
- Project area of impact was our school & other schools
- 7 volunteers collaborated to impact 50
- We impacted 50 people who heard us.

- Due to unfortunate Corona Virus pandemic & schools closure we could not continue our project
- We want to continue our goal after the lockdown is over.

Learning Experience

- Global goals of united Nations.
- Out of 7000 lakes only 70 remain in Hyderabad.
- Promote idea with more schools to join us.
- Life is like a lake love it and it loves you back.
- Lakes are sources of fresh water.
- Pollutants and chemicals enter the water from lakes.
- We can adopt a lake.

We are thankful to you

- Ms. Janet for introducing us to the UN Global Goals and GSL project.
- DRS International School principal for supporting and encouraging all the time.
- Future foundation GSL team for constant guidance and video conferencing.
- Akshith Juvvadi for video editing,
- Thanks to the team and all the volunteers.