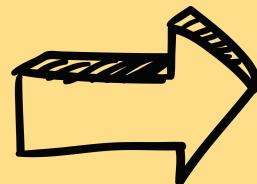


**TOPIC:**

# **Plastic Pollution**

**SAVING THE EARTH STARTS WITH YOU**



# Plastic Pollution

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**Plastic pollution is the accumulation of plastic objects and particles in the Earth's environment that adversely affects wildlife, wildlife habitat, and humans.**



# Reasons to raise awareness on plastic pollution

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- Environmental Protection
- Human Health
- Sustainable Future
- Climate Change Mitigation

By 2030, Plastic  
Pollution Could  
Severely Degrade  
Soil Health and  
Impact Plant  
Growth



**SERPA**

Sustainable Environmental Restoration and Planting Alliance

# Interview

## Expert Interview

Mr. Ali Saleem,

Senior Manager

Landfills Lahore,

at LWMC

## Public Awareness

- Alif Laila Library
- Children's Library Complex
- Gulshan Iqbal Park
- Lake City Main Park

## Plantation Drive

- Fund raised 10k for Plantation
- Planted 20 fruit bearing trees

## Social Media

- Informational Posts
- Campaign Pictures
- Interview Clips

# Expert Interview

**Mr. Ali Saleem**

**Senior Manager**

**Landfills Lahore, LWMC**





# Insights Gained

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- 1.7 million tons of waste dumped annually
- 13% of the waste is plastic
- Chemical leeching Effects plants
- Ecosystems are affected



# ----- Strategies

- Segregating and Sorting
- MRFs (Multi Reuse Facility)



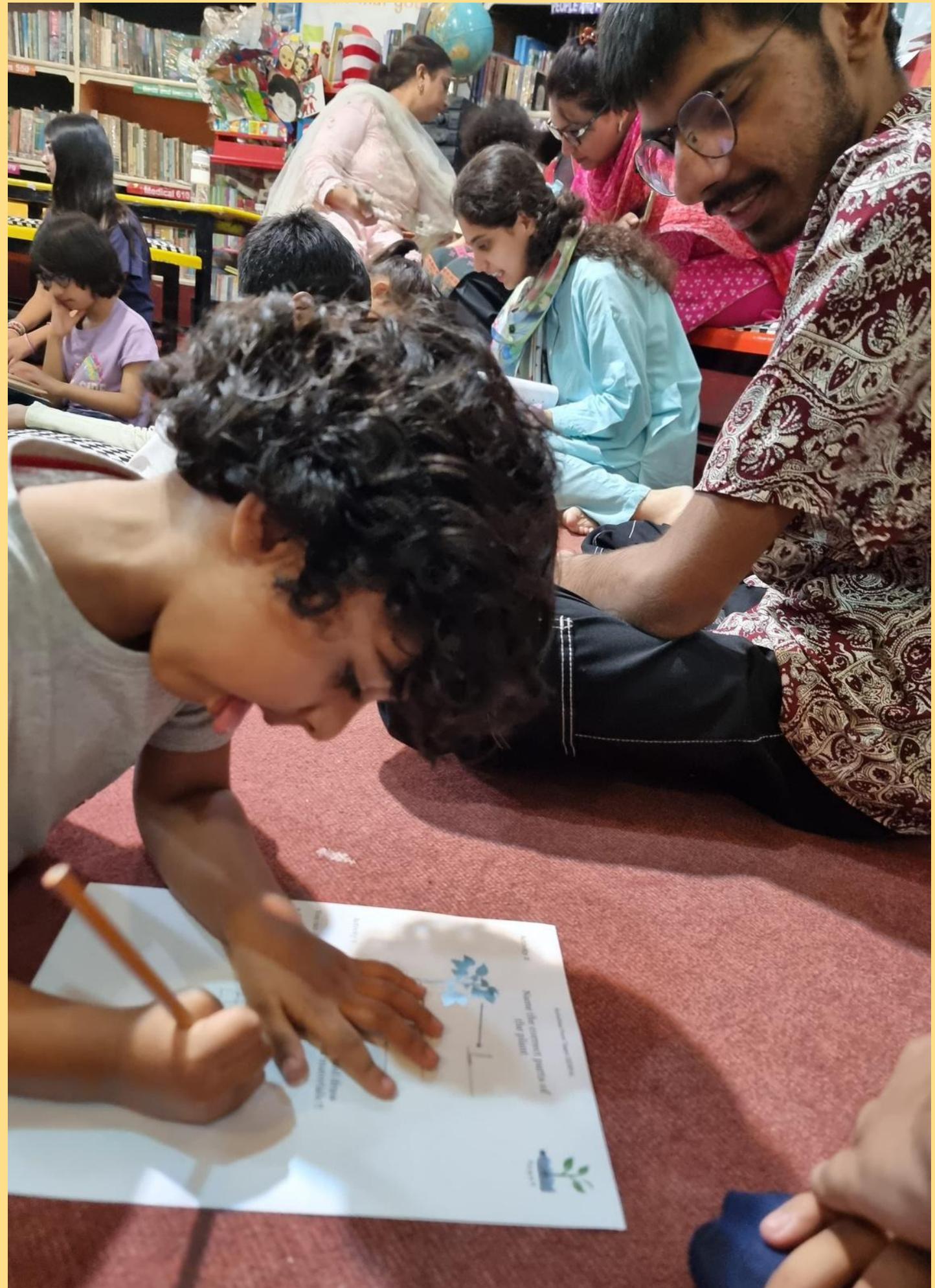
- Awareness in Youth
- PPPs (Public Private Partnership)



**Seminar at  
Alif Laila Library**









**Seminar at  
Children's  
Library Complex**











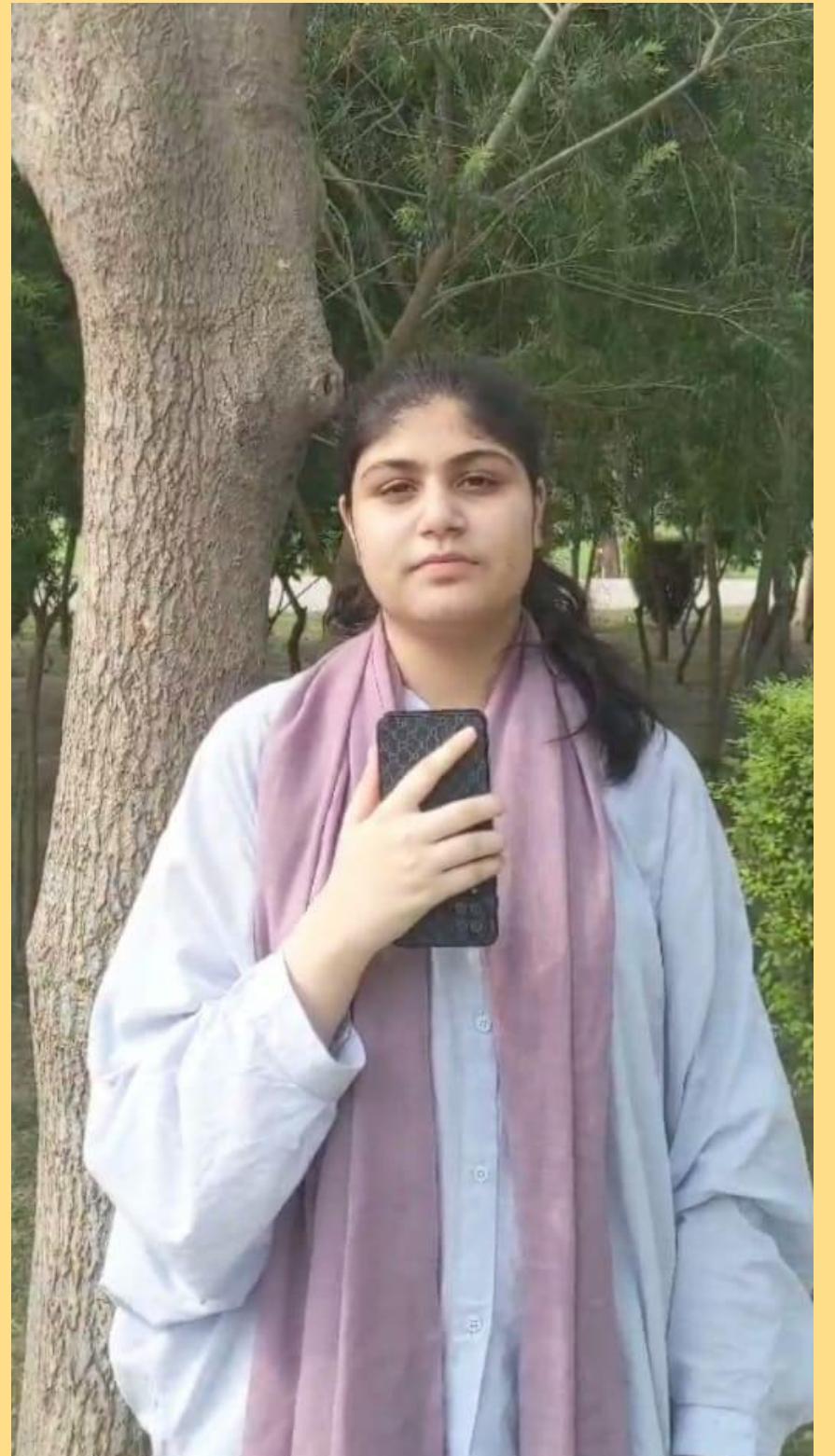


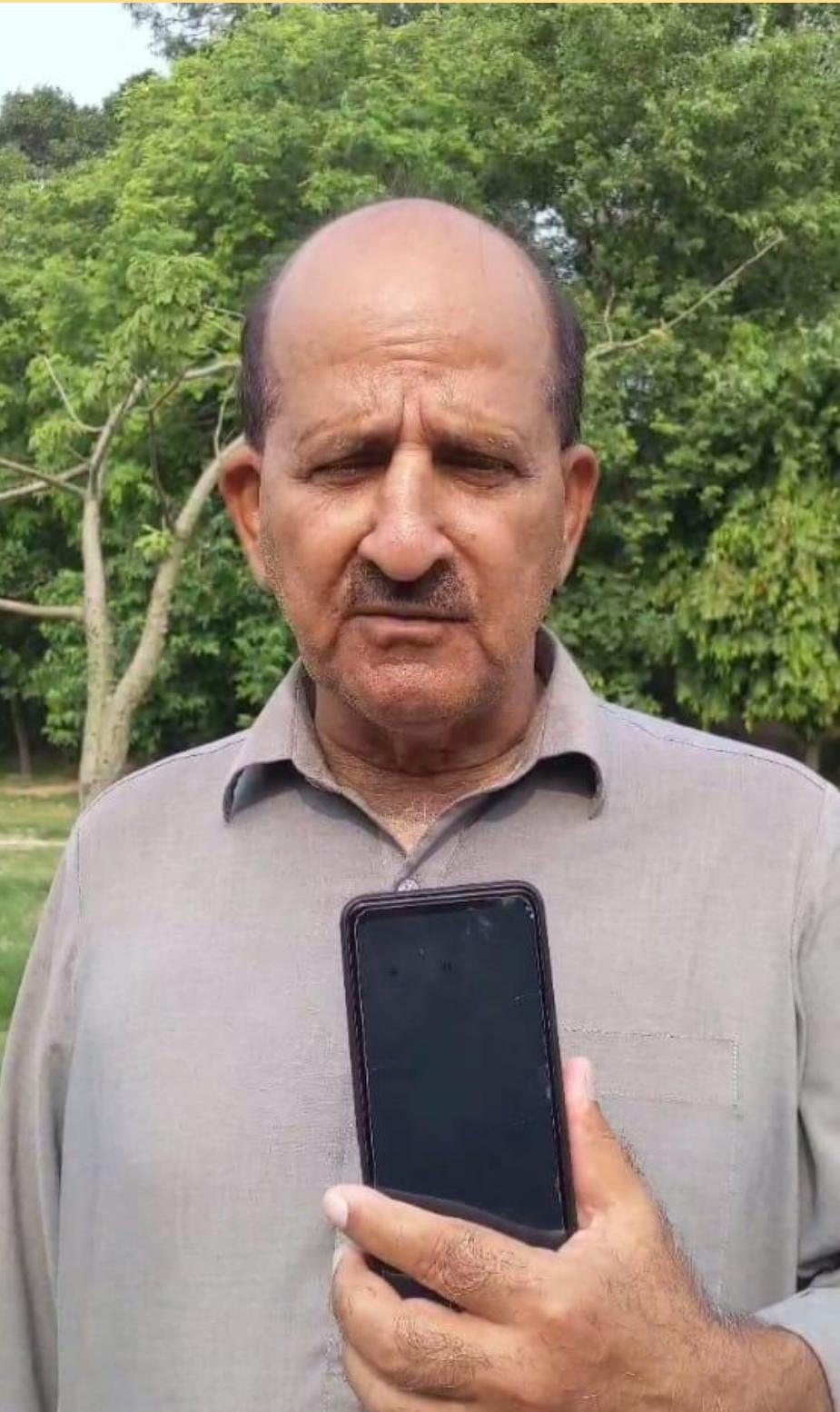
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# Public Interview's





# Plantation

# Drive

Planted 20 fruit-bearing  
plants at Askari X

Fundraised through  
social media



contact us at  
@project\_serpa



## FUNDRAISER for project SERPA

Organizing Plantation drive









# **Social Media**



# Challanges Faced

## Diverse Age Groups

Enhance efforts in Algal Carbon Sequestration (ACS) to capture CO<sub>2</sub> from the environment and industrial sources, utilizing it to produce biofuels. This approach aims to mitigate greenhouse gas emissions, combat climate change, and promote zero-waste production practices.

## Technical Issues

- Outdated systems at the seminar venues caused technical difficulties, impacting the quality and delivery of our presentations.

## Limited Experience

Our team faced challenges due to a lack of experience in organizing and delivering such seminars, slightly causing us issues

# Future Direction

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## Algal Carbon Sequestration

Enhance efforts in Algal Carbon Sequestration (ACS) to capture CO<sub>2</sub> from the environment and industrial sources, utilizing it to produce biofuels. This approach aims to mitigate greenhouse gas emissions, combat climate change, and promote zero-waste production practices.

## Effective Waste Management

Establish and enforce waste-to-energy technologies and Extended Producer Responsibility (EPR) to manage product disposal/recycling, promoting recyclable design and waste reduction.

## Plantation Initiatives

Increase tree plantation efforts as trees serve as natural purifiers, contributing to environmental health and biodiversity conservation.

## Education and Awareness

Promote education and awareness campaigns among the public to reduce plastic usage, advocate for sustainable practices, and emphasize the importance of tree plantation in environmental conservation.



We are  
the.....  
**TEEN  
TITANS**

# OUR TEAM



**Muhammad Hamza** (group leader)

**Wahaj Ali**

**Mahad Shahid**

**Zainab Dar**

**Maham Irfan**

**Ibrahim Salman**

**Zayed Ahmed Gill**

**Muhammad Ali**

**Rana Ateeb**

**Sikandar Iqbal**

**Thank You**

