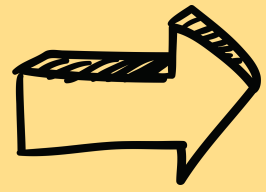


TOPIC:

Plastic Pollution

SAVING THE EARTH STARTS WITH YOU



Plastic Pollution



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

- 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

- 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)

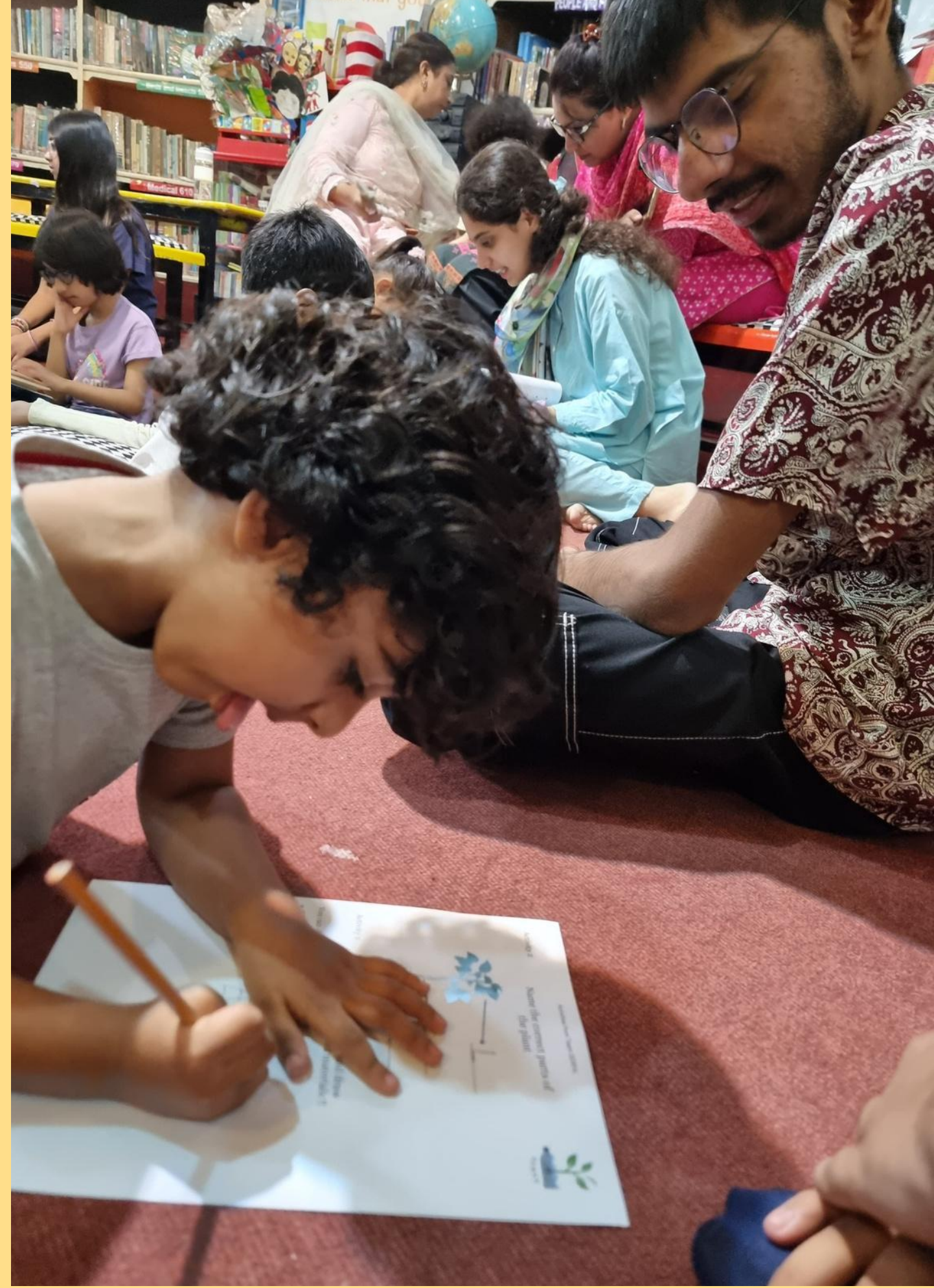




Seminar at Alif Laila Library











Seminar at Children's Library Complex











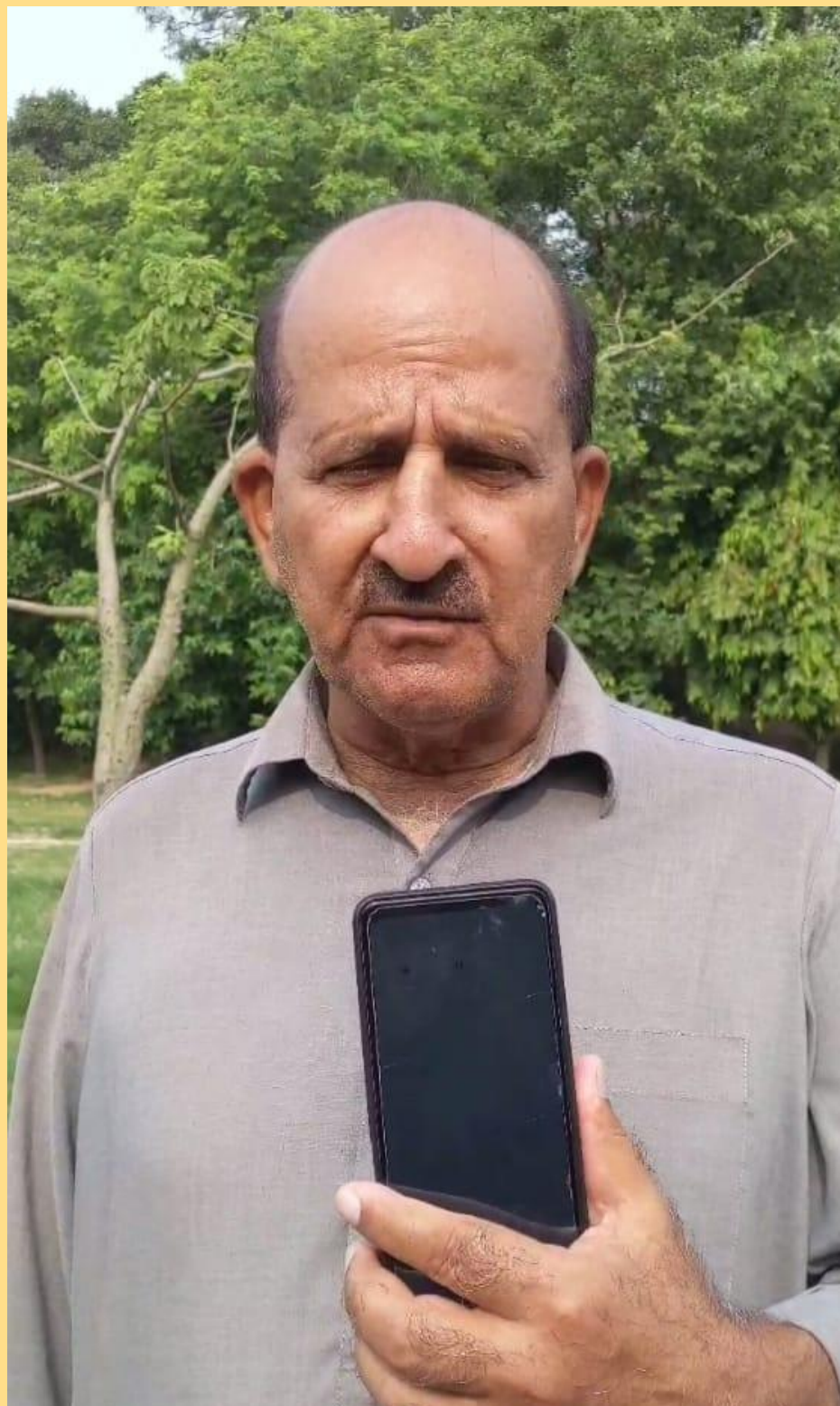


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Public Interview's







Plantation

Drive

Planted 20 fruit-bearing
plants at Askari X

Fundraised through
social media



FUNDRAISER

for project SERPA

Organizing Plantation drive

DONATIONS OPEN!

contact us at
@project_serpa 

Organize plantations
at public parks



Helps us clean the
atmosphere and
minimizes co2 emissions.
Moreover change climate
and ecosystems









Social Media



Challenges Faced

Diverse Age Groups

Enhance efforts in Algal Carbon Sequestration (ACS) to capture CO₂ 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

Algal Carbon Sequestration

Enhance efforts in Algal Carbon Sequestration (ACS) to capture CO₂ 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

