



REPORT ON PALM SEED PLANTATION

26.09.2023

B S Abdur Rahman Crescent Institute of Science & Technology, **National Service Scheme** organized the Palm Seed Plantation in association with Kuzhalosai Trust in Oragadam Lake, on 26.09.2023, at 10.00 am.

The poster features logos for Kuzhalosai Trust, NSS, and Crescent Institute at the top. The main text reads: 'B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai NATIONAL SERVICE SCHEME & KUZHALOSAI TRUST JOINTLY ORGANISES Palm Seed PLANTING'. It specifies the venue as Oragadam Lake, the date as SEP-26, 2023, and the time as 10.00 AM. An illustration shows a person planting a palm seedling. At the bottom, it lists the NSS Programme Officers (Dr. C Srinivasan, Dr. Noushad, Dr. R Anitha) and the NSS Coordinator (Dr. D. Ayub Khan Dawood) from Kuzhalosai Trust, along with Mr. Rajesh.

B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai
NATIONAL SERVICE SCHEME
&
KUZHALOSAI TRUST
JOINTLY ORGANISES
Palm Seed PLANTING
Venue: Oragadam Lake
SEP-26, 2023
🕒 10.00 AM

NSS PROGRAMME OFFICERS
Dr. C SRINIVASAN
Dr. NOUSHAD
Dr. R ANITHA

NSS COORDINATOR
DR. D. AYUB KHAN DAWOOD
Kuzhalosai Trust
Mr. Rajesh

INVITATION OF THE EVENT



This event aimed to establish a sustainable and thriving palm tree plantation at Oragadam Lake. The primary objectives of the Palm Seed Plantation is promote environmental sustainability



Oragadam Lake



NSS VOLUNTEERS

The significant importance of palm seed plantation was explained to the students. by Dr. C.Srinivasan, NSS Programme Officer.



Dr. C.Srinivasan, NSS Programme Officer describing the significance to the students

Environmental Benefits:

Carbon Sequestration: Palm trees, particularly oil palm and date palm, are highly effective at sequestering carbon dioxide from the atmosphere, helping mitigate climate change.

Soil Erosion Control: The extensive root systems of palm trees help prevent soil erosion, preserving topsoil and preventing land degradation.

Economic Benefits:

Income Generation: Palm seed plantations can be a source of income for local communities through the sale of palm products such as palm oil, palm fruits, palm fronds, and palm kernel oil.



Nutrient-Rich Food: Palm fruits, like dates and oil palm fruit, are nutrient-rich and provide essential vitamins and fats, contributing to food security and nutrition.

Diverse Uses: Different parts of the palm tree, including the fruit, leaves, and seeds, can be used for various culinary purposes.

Sustainable Agriculture:

Crop Rotation: Palm seed plantations can be integrated into sustainable agricultural practices, serving as a rotational crop to improve soil fertility.

Diversification: In regions where monoculture is prevalent, introducing palm seed plantations diversifies agriculture and reduces the risk of pests and diseases.

Erosion Control:

Soil Stabilization: Palm trees have extensive root systems that help stabilize soil, preventing erosion and protecting valuable agricultural land.

Ecosystem Services:

Oxygen Production: Like all trees, palm trees release oxygen during photosynthesis, contributing to cleaner air.

Shade and Microclimate: Palm trees provide shade, which can help moderate temperatures and create comfortable microclimates.



NSS volunteers in the field work



NSS volunteers in the field work

NSS PROGRAMME OFFICERS

Dr.C.Srinivasan
Dr.Noushad.C
Dr.R.Anitha

NSS COORDINATOR

Dr.D.Ayub Khan Dawood