



## REPORT ON PLANTATION OF VETTIVER

03.08.2023

**B S Abdur Rahman Crescent Institute of Science & Technology, National Service Scheme**, volunteers took part in the **PLANTATION OF VETTIVER** event on **03.08.2023**.

The Urapakkam Kolatchiammal Temple pond was restored in 2017 by the people in the nearby area, with the assistance of youngsters as well. However, according to residents, the 27-feet deep pond has become contaminated due to the discharge of sewage by residents living in close proximity to the pond. These residents are letting out sewage into the stormwater drains (which are intended to carry rainwater to the pond) through unauthorized pipes.



Contaminated Pond





The National Service Scheme (NSS) volunteers and local authorities residing near the pond have devised a plan to cultivate "vetiver" grass, aiming to enhance soil fertility and carbon content. NSS students from various institutions, including B.S.A. Rahman Crescent Institute of Science and Technology, SRM University, SRM Valliammai Engineering College, and Aadhi Engineering College, have participated in planting vetiver in the soil surrounding the pond.



**NSS Programme Officers and NSS volunteers jointly worked together.**





**NSS Volunteers in the field work**



**The news was telecasted in "Puthiya Thalaimurai Channel"**





The dense and fibrous root system of vetiver grass makes it highly effective for soil erosion control. Its roots can stabilize soil, prevent runoff, and reduce water pollution. Vetiver's deep root system can help break up compacted soil and improve soil structure, which enhances water infiltration and retention. This makes it useful for soil conservation and rehabilitation. Also, it removes pollutants from water.



**Pond after plantation of Vetiver**

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