Monthly Programme Report

NSS College of Engineering BMC

Institution Name: **NSS College of Engineering** BMC Code: **PLK/2022/18**

ProgrameTitle: **Initiatives by the Bhoomithrasena Club to convert an unused quarry into a rainwater harvesting pond to provide drinking water for the NSS College of Engineering campus**

Program Category: **Water Conservation (within and outside campus)**	Activity Type: **Action Program**	No.of participants: **80**
Planned Date: **01-06-2024**	Renewed date: **-**	Program Date: **31-03-2025**
Budgeted Amount: **Rs 4000/-**	Total expenditure: **Rs 0/-**	Balance: **Rs 0/-**
Quantity of Water Conserved (in litres) :		

Brief Report

Dear Sir,

Programme Report: Water Conservation Initiative by Bhoomithrasena Club

The Bhoomithrasena Club of NSS College of Engineering has been actively working to improve water conservation policies on campus over the past three years. To explore sustainable water conservation methods, the club collaborated with Joseph KD, Project Head of the Kerala Association for Rural Development under the Jal Jeevan Mission, Kerala, and conducted a detailed practical study on campus. This included a comprehensive survey to evaluate water storage sustainability and the potential for recharging unused borewells. Based on the study, Joseph KD suggested various water recharging technologies and identified suitable locations for new ponds to enhance rainwater storage. Following these recommendations, the club proposed converting an unused quarry behind the Electronics Department building into a rainwater harvesting pond.

NSSCE management and the Parent-Teacher Association (PTA) spent 35 lakhs for converting this quarry to the pond.

With the support of NSSCE management and the Parent-Teacher Association (PTA), the quarry was successfully transformed into a rainwater harvesting pond of capacity 2000000 litre, providing an effective and eco-friendly solution to meet the campus's water requirements and significantly improve water self-sufficiency.

Photographs