



A Brief Report of
Extension Activity
on
Water Quality Assessment

Dated: 09th March, 2024

Venue: Paikaramau Village, Kursi Road, Lucknow

Organised by: Organized by the Department of Civil Engineering in collaboration with NSS Integral University Cell.

An extension activity on water quality assessment in University's adopted Village Paikaramau Village, Kursi road, Lucknow was organized by the Department of Civil Engineering in collaboration with National Service Scheme (NSS), Integral University Cell on 09th March, 2024. This programme supports the Government of India Initiated Scheme "Jal Jeevan Mission" launched by Government of India in 2019. This extension activity was aimed to enhance the awareness and skills of students through experiential learning.

The event was coordinated by Mr. Tabhish Izhar and Mr. Faraz Hasan Qadri. As a technical expert for water quality assessment, Dr. Neha Mumtaz invited in the event. Dr. Mumtaz provided her technical expertise in water quality testing and also educated the villagers about benefit of clean water. She insisted that clean water is paramount for maintaining good health and preventing myriad diseases. She stated clean water plays a crucial role in preventing waterborne illnesses, ensuring proper digestion and nutrient absorption, and supporting overall immune system function. Adequate hydration from clean water is essential for temperature regulation and has positive effects on mental well-being. She further added that beyond individual health, communities with access to clean water experience improved maternal and child health, increased productivity, and reduced environmental impact. The absence of waterborne toxins in clean water not only safeguards physical health but also contributes to the prevention of water scarcity-related issues.

A total of 167 participants from integral university and Pakaramu village participated in the event out of which 145 students of B. Tech Civil Engineering and M. Tech Civil Engineering, actively participated in the event. The student coordinators were Ms. Jamia Hasan, Mr. Himanshu Gour and Mr. Nabeel Ahmad of B. Tech Civil Engineering.

The water from various locations/houses of the village was collected and tested for various water quality parameters. The collected water samples was tested for total hardness and pH value at site, and the remaining water of the samples are carried to Environmental lab, Department of Civil Engineering, Integral University for a detailed testing. After the testing it is found out that the sample water is fit for drinking. The water testing report of the sample is attached with this report.

Glimpses of the event

