MUHAMMAD NAWAZ SHARIF
UNIVERSITY OF ENGINEERING AND TECHNOLOGY MULTAN
FIRST PUBLIC SECTOR ENGINEERING UNIVERSITY IN SOUTH PUNJAB

THE WORLD UNIVERSITY RANKINGS

SUSTAINABLE DEVELOPMENT GOALS



17.3.6

Please indicate if your university publishes progress against SDG6

Evidence Report: Events and Activities

Muhammad Nawaz Sharif University of Engineering & Technology, Multan

Overview of Activities

Initiatives supporting Clean Water and Sanitation (SDG 6)

MNSUET Multan implemented the following initiative and organized the following lecture to promote efficient use of water and energy and to share research on wastewater treatment in support of SDG 6. Details and supporting material are given on the following pages.

Activity	Date	Type
Water and Energy Conservation Innovations	Campus water filtration plant	Campus initiative
One Day CPD Lecture: Synthesis and Characterization of Spinel Ferrites for Wastewater Treatment	24 November 2025, 09:30 AM to 12:30 PM	Lecture (online)

Water and Energy Conservation Innovations along with Government initiative through Green Youth movement

Campus Water Filtration Plant

At the campus water filtration plant, initiatives have been implemented to reduce energy consumption and water wastage. These include automated water flow controls, smart metering and energy-efficient pumps.

Students from Chemical and Electrical Engineering are involved in monitoring, data analysis and optimization of energy-water use patterns.



Water filtration setup at the campus.

Key Measures

- Automated water flow controls
- Smart metering
- Energy-efficient pumps

Student Involvement

- Monitoring of the plant
- Data analysis
- Optimization of energy-water use patterns

Departments

Chemical Engineering and Electrical Engineering.

SDG Alignment

SDG 6 (Clean Water and Sanitation).

One Day CPD Lecture: Synthesis and Characterization of Spinel Ferrites for Wastewater Treatment

24 November 2025



Date: 24th November 2025
Time: 09:30 AM to 12:30 PM
Mode: Online
Resource Person: Engr. Dr. Sabih Qamar, MNS-UET, Multan
CPD Point: 0.5
Registration: Free (deadline 23-11-2025)

About the Lecture

A one-day Continuing Professional Development (CPD) lecture on the synthesis and characterization of spinel ferrites and their use in wastewater treatment.

Salient Features

- To highlight the importance of ferrites.
- To study the synthesis of ferrites.
- To perform the characterization of ferrites.
- To examine the applications of ferrites.

Registration Details

- Meeting link and certificates sent via email.
- Certificates awarded to participants who attend the lecture and register with their PEC registration number.

SDG Alignment

SDG 6 (Clean Water and Sanitation).