Event Details: Guest Lecture

Topic: "**Agri Waste Management and its Utilization**"

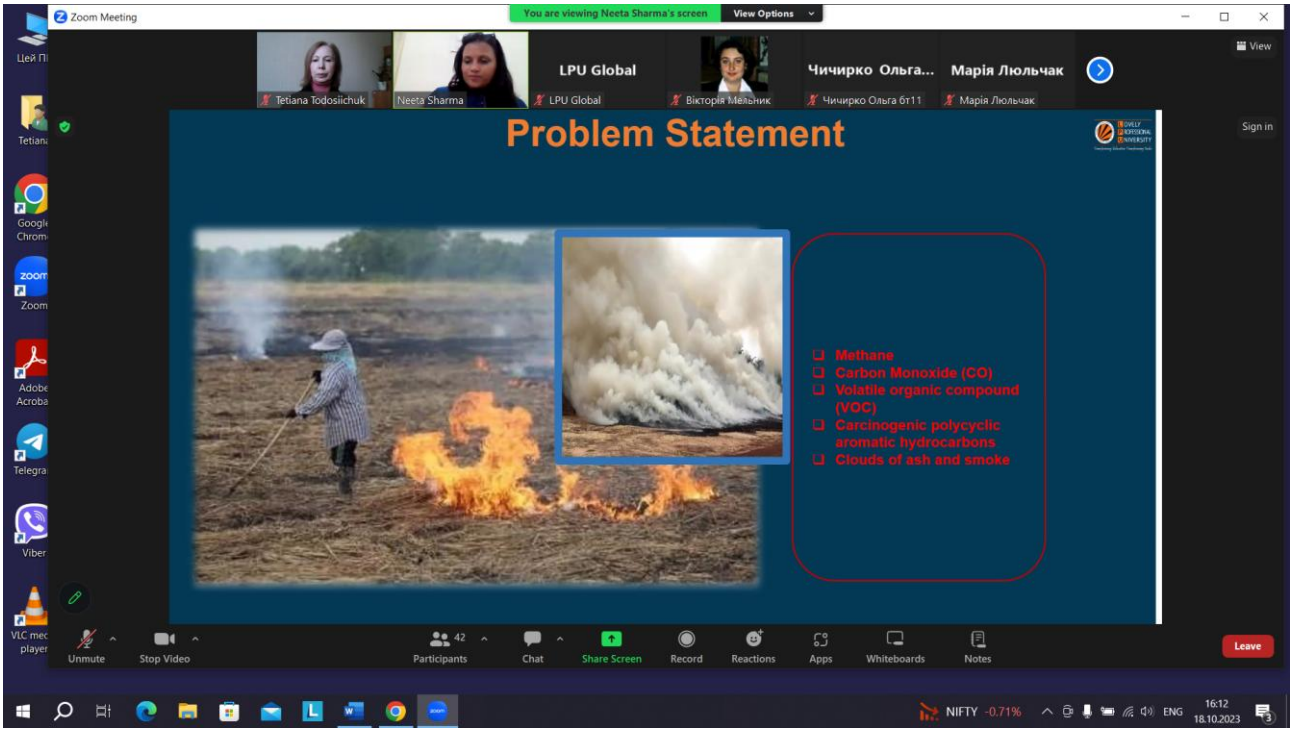
Speaker Name: Dr. Neeta Raj Sharma

Speaker Designation: Senior Dean, Head of School & Professor; School Bioengineering & Biosciences, Lovely Professional University

Event Date: October 18th

Event Time: 6:30 PM IST

Platform: Zoom


Zoom Meeting
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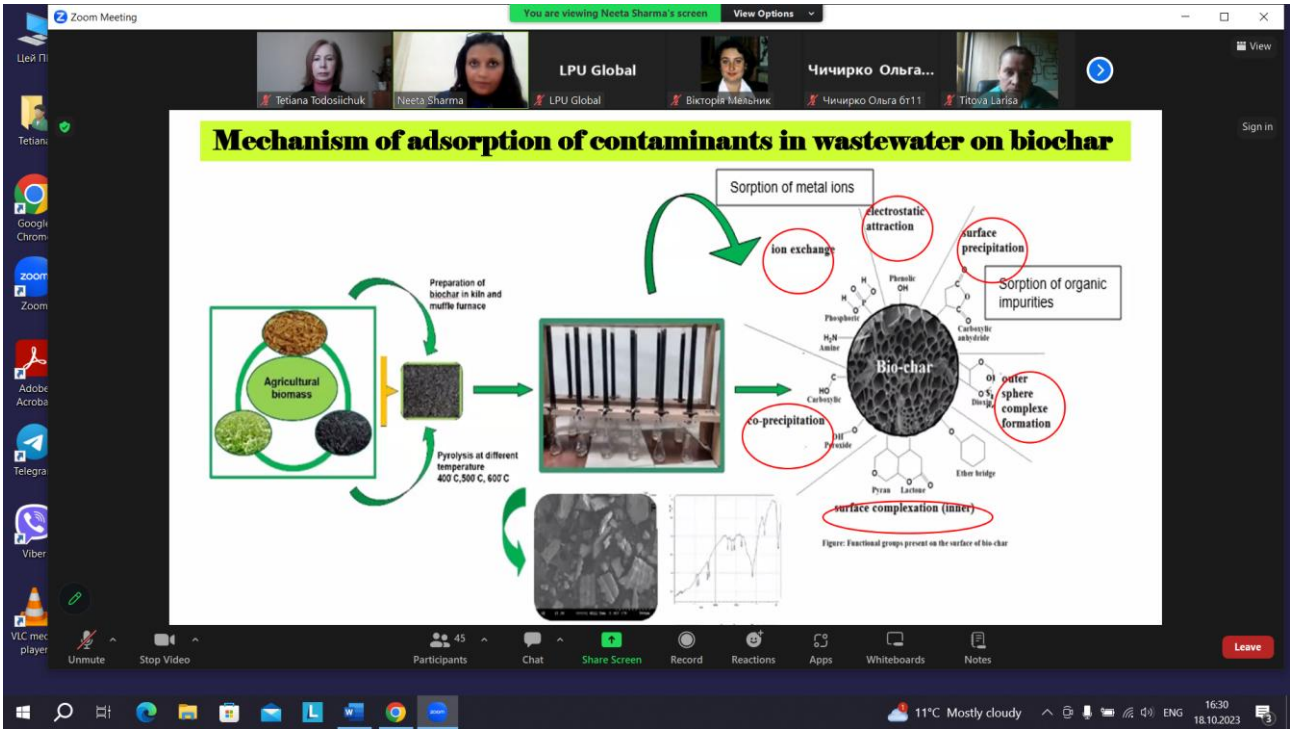
View Options
Tetiana Todosiichuk
Neeta Sharma
LPU Global
Вікторія Мельник
Чичирко Ольга...
Марія Люльчак
Problem Statement
Methane
Carbon Monoxide (CO)
Volatile organic compound (VOC)
Carcinogenic polycyclic aromatic hydrocarbons
Clouds of ash and smoke
Unmute
Stop Video
Participants
Chat
Share Screen
Record
Reactions
Apps
Whiteboards
Notes
Leave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Чичирко Ольга...
Titova Larisa
Mechanism of adsorption of contaminants in wastewater on biochar
Sorption of metal ions
electrostatic attraction
ion exchange
surface precipitation
Sorption of organic impurities
Preparation of biochar in kiln and muffle furnace
Agricultural biomass
Pyrolysis at different temperature 400 C,500 C, 600 C
Bio-char
co-precipitation
outer sphere complexe formation
surface complexation (inner)
Figure: Functional groups present on the surface of bio char
Unmute
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Leave