

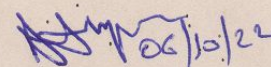
NED University of Engineering and Technology
Department of Environmental Engineering

October 06, 2022

NOTICE - POSTGRADUATE THESIS TOPICS

As per University regulations, all postgraduate students who have passed 12 credit hours of course work with minimum 3.0 CGPA can opt for thesis. The following THESIS topics are being offered by faculty members of the Department of Environmental Engineering for the Fall Semester 2022. Interested students contact the respective supervisors via email to discuss further about the thesis.

S. No.	Name and contact details of supervisor	Title of thesis
1	Dr. Mehmood Ali/ Dr. Atif Mustafa (mehmood@neduet.edu.pk)	<ul style="list-style-type: none">• Urban photobioreactor for climate change mitigation and biofuels production
2	Dr. Sadia Khan (sadiakhan@neduet.edu.pk)	<ul style="list-style-type: none">• Microorganisms: An effective remediation for oily wastewater• Natural coagulant for removal of gram-positive and gram-negative bacteria from wastewater• Effects of seasonal variation on solid waste composition• Effects of chlorine and pipe material on biofilm in distribution system
3	Dr. Abdul Ghaffar (abdulghaffar@neduet.edu.pk)	<ul style="list-style-type: none">• Design and development of water treatment prototype for use in emergency situations.• Techno-economic feasibility to treat seawater for human consumption and utility.• Drinking water quality profiling in rural and urban areas of Karachi.• Water quality monitoring in the real-time using application of sensor networks and IoT.


Chairman

- Display on NB and departmental website