

Climate Action Plans of GCWUF

Introduction:

Government of Pakistan is especially focusing on the Climate change which is effecting the whole world at certain level. Government of Pakistan has launched a billion tree campaigns to counter the global warming which is affecting the whole world. GCWUF has also participating in this campaign to clean the environment in the community. In this regard, several campaigns have been launched by the GCWUF to cater the effect of global warming.

Projects:

GCWUF has initiated a project to plant Ten thousand trees (10,000) in its New Campus by the end of year 2021 to counter the effect of global warming. In this regard, a Department of Horticulture and Plantation Committee have been established to achieve this project. Several Departments visit the New Campus regularly to plant the different types of trees.





Academic Activities/ Seminars:

One Day Webinar on “Policy Development for Pollution Control & Sustainable Environment”

Environmental protection is one of the basic prerequisites for the overall development of any country in the world. Even though now change is fast, fueled by unconstrained population growth and advancing technologies. The ecological footprint of modern human society is huge. The result is global ecological disruption and biotic impoverishment. Yet modern society continues to behave as if there were no long-term consequences of transforming the biosphere, as if we were not connected to nature’s life-support systems. As awareness of environmental protection is developed, human awareness is also developed about the need to preserve the environment by preventing adverse impacts on nature. Laws/policies, as a scientific discipline, play a significant role in these endeavors. Keeping in view the importance to protect the environment by contribution of zero emission policy in GCWUF.

1.1 - Effects of Heavy Metals

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graph TD
    HM[Heavy metals] --> DE[Direct effect]
    HM --> IE[Indirect effect]
    DE --> DE1[Respiratory irritation]
    DE --> DE2[Neurological damage]
    DE --> DE3[Kidney damage]
    IE --> IE1[Soil fertility]
    IE --> IE2[Effect on all living things]
    IE --> IE3[Food chain]
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The screenshot also shows a participant list on the left with names like Iram, DR ZILLI HUMA..., Ibrah Aileen, Maqila Bashir (...), and Ayesha Maqbool. On the right, there is a list of participants including Muhammad Sal..., Muhammad Salman (...), Dr Farhat ADEEB, 6045 khadija Banoor, M Ashfaq, and Muhammad Zubair. In the background, a presentation slide titled 'Sustainable MOTOR VEHICLES Exhaust' is visible, containing a table with columns for 'Emission', 'Percentage', and 'Method of assessment'.

Emission	Percentage	Method of assessment
Carbon Monoxide	8.9%	Index of detection through analysis
Hydrocarbons	90% or 3.5% by volume	Index of smoke from study
NOx	81.4% (L)	7.7 grams per liter smoke
Particulates	0.7% by mass of fuel	For all diesel and petrol vehicles





One Day Webinar
POLICY DEVELOPMENT FOR POLLUTION CONTROL & SUSTAINABLE ENVIRONMENT
 20th October, 2021, 10:00 am - 01:00pm
 Theme: Zero Emission Vehicle Policy in the Campus of GCWUF



Prof Dr Robina Farooq
 Patron
 Vice Chancellor GCWUF



Dr. Zill-i-Huma Nazli
 Convener
 Director Academics
 GCWUF



Dr Mazhar Iqbal
 Resource Person
 Quaid-e-Azam University,
 Islamabad



Dr Muhammad Zubair
 Resource Person
 University of Gujrat



Dr Farhat Jubeen
 Focal Person
 Department of Chemistry
 GCWUF

GO GREEN, THERE IS NO PLANET B
 Surrender to Earth's Intelligence to Rise Up Rooted Like Trees.

Venue: Video Conference Room, Admin Block, GCWUF

Organized by
 Department Of Chemistry
 Government College Women University, Faisalabad