

Name of the Cell: Abhiruchi Club
Academic year: 2022-23
Name of the program: Climate change awareness
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Venue: Invertis University, Bareilly
Description: Climate change awareness

Climate change is an undeniable and pressing global challenge that transcends geographical, political, and socioeconomic boundaries. The Earth's climate is undergoing significant transformations primarily due to human activities, leading to profound consequences for the environment, ecosystems, and societies. This report aims to provide a concise overview of the key aspects of climate change and its far-reaching impacts. **Global Warming and Temperature Rise:** One of the most evident consequences of climate change is global warming. Average global temperatures have been steadily increasing, with each decade surpassing the previous one. This warming trend poses severe threats to ecosystems, wildlife, and human societies. Rising temperatures contribute to the melting of polar ice caps and glaciers, leading to a rise in sea levels, which, in turn, poses a significant risk to coastal regions worldwide.

Extreme Weather Events: Climate change intensifies the frequency and severity of extreme weather events, including hurricanes, droughts, floods, and heatwaves. These events not only disrupt ecosystems but also have dire consequences for agriculture, water resources, and human settlements. Vulnerable communities are disproportionately affected, exacerbating existing social and economic inequalities.

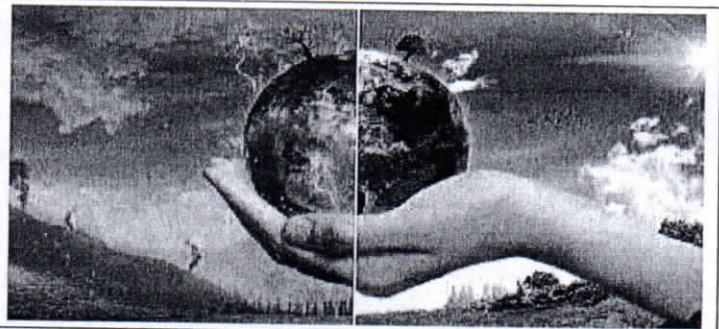
Ocean Acidification and Sea Level Rise: The absorption of excess carbon dioxide by the oceans results in ocean acidification, threatening marine life, particularly coral reefs and shell-forming organisms.

Concurrently, the melting of ice caps and glaciers contributes to rising sea levels, further endangering coastal ecosystems and low-lying communities.

Conclusion: Climate change represents an urgent and complex challenge that demands immediate global action. While the impacts are already being felt, concerted efforts in mitigation and adaptation can help minimize the severity of future consequences. International cooperation, policy initiatives, technological innovation, and individual actions are all essential components of a comprehensive response to this unprecedented threat to our planet's well-being.



Student in Climate change campaign 25-12-2022



Climate change campaign 25-12-2022

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