

## Climate Change is REAL

Climate change refers to long-term shifts in temperatures and weather patterns.

Such shifts can be natural, due to changes in the sun's activity or large volcanic eruptions.

But since the 1800s, human activities have been the main driver of climate change, primarily due to the burning of fossil fuels like coal, oil and gas.

The average temperature of the Earth's surface is now about 1.1°C warmer than it was in the late 1800s (before the industrial revolution) and warmer than at any time in the last 100,000 years. The last decade (2011-2020) was the warmest on record, and each of the last four decades has been warmer than any previous decade since 1850.

It is extremely important to understand its impacts, ways to reduce the human role and methods to deal with the devastations caused by this phenomenon.

**Course duration: 30 hours**

**Mode: Blended**

## What we will learn

- Global Warming and Climate Change
- Biodiversity and Climate Change
- Understanding the Sustainable Development Goals of the United Nations
- Bioremediations
- International Policy Summits on Climate Change
- Environmental Economists on Climate Change
- Climate Change and its impact on Physical and Cultural Landscape
- Impact of Climate Change on Microbiota
- Effect of Climate Change in Agricultural Crops and Plant Diseases
- Effect of Climate Change on Human Health
- Impact of Climate Change on Agri-farming
- India's Climate Change Policy: Challenges and Recommendations

## CLIMATE CHANGE: What is To be Done

A value-added course (2023-24) offered by the Nature and Environment Subcommittee, Garhbeta College



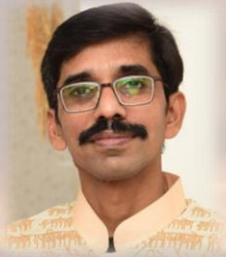
### Course Co-ordinators & Contact Person

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Certificate will be provided upon successful completion of the course



# Resource Persons:



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