

Green Energy and Climate Change



Post-graduate Elective Course (online)
Master of Science in Environmental Science

Course Offered by
Department of Environmental Science



Developed by: BECK Project- PSTU

Course Details

Course Code	:	ENS 5209
Course Title	:	Green Energy and Climate Change
Course Type	:	Elective (Online)
Level/Term and Section	:	Level-5, Semester-II
Academic Session	:	2015-16 and onward
Pre-requisite (If any)	:	Not applicable
Credit Value	:	02 (Two)
Contact Hours	:	32 (Thirty-Two)
Total Marks	:	100

Objective

"To equipped students with an in-depth knowledge of green energy, climate change and make them able to find out the inter relation of two broad issues"

Course Learning Outcomes (CLOs)

At the end of the course, the student will be able to:

CLO-1

"Describe the importance of green energy and climate change and define the basic terminology including renewable and non-renewable energy, renewable energy technologies, consumer behaviour, sustainable development"

CLO-2

"Explore the environmental impacts of different renewable energy"



CLO-3

"Design commercialization of renewable energy"

CLO-4

"Ascertain consumers behaviour on renewable energy and apprise themselves as well as to find out the way of renewable energy-oriented consumer behaviour"

CLO-5

"Explore production and consumption scenarios of different fossil fuels as well as analyze the global and regional statistics of carbon dioxide emission caused by fossil fuels"

CLO-6

"Correlate the synergies among renewable energy, climate change, and sustainable development"

CLO-7

"Recognize and evaluate existing energy policies in Bangladesh"



Teaching Strategy

- Audio-visual materials
- Online lecturing
- Group discussion
- Q&A session
- Big data mining

Course Instructors

Dept. of Environmental Science, PSTU



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Project Website

beck-erasmus.com