



KAUTILYA SCHOOL OF PUBLIC POLICY

GITAM (Deemed to be University)
Rudraram, Patancheru Mandal
Hyderabad, Telangana 502329

Course Code: PPOL6251		Course Title: Public Policy for Climate Change	
Trimester: 1	Course Type: Skill Shop	Course Credits: 1	
Program: MPP		Academic Year: 2024-26	
Instructor: Dr Aman Srivastava		Teaching Assistant:	

Course Description

Among the several complex problems facing the world today, climate change is recognised as an existential threat and a force multiplier for several other challenges ranging from national security to gender equity. Action on climate change however remains inadequate, on account of global politics, the economics of systemic change, capacity and resource requirements, current governance structures, and the overall complexity of the challenge.

For a career in public policy, it is imperative to understand how policies should be designed to respond to the climate crisis, how and why current policies have been designed, and what impacts policies may have. This course aims to introduce students to climate change and the various issues surrounding it, from the global to the local levels, with an eye to improving awareness of the needs and challenges and to thereby enable more robust decision-making towards addressing this crisis among the policymakers of tomorrow.

The course will use theoretical underpinnings to explain problems and approaches where appropriate; it will however primarily focus on real world policy applications. Prior familiarity with the fields of climate change is not required.

Course Objectives

The course aims to introduce students to the basics of climate change, from a public policy perspective. This includes exploring questions such as:

- Why is climate change such an important challenge?
- What are its likely impacts?
- How should it be addressed?
- What are the costs and benefits of action?

Course Outcomes

At the end of the course, students will be able to appreciate the scale of the climate challenge, have a broad understanding of the basic principles and approaches by which it is currently being addressed, and be able to think about necessary future actions in an integrated manner.

Course Schedule

The course outline is below; please note that it may be subject to minor revisions.

Unit 1	Sessions: 2	Science and Salience of Climate Change
<p>This unit introduces the concept of climate change as an existential threat and how climate change impacts every element of public policy. It attempts to develop a foundational understanding of complexities, needs, challenges in designing strategies and policies for addressing climate change.</p> <ul style="list-style-type: none"> ● A history of anthropogenic emissions ● Contributors to emissions ● Future scenarios ● Impacts to humans and the environment ● Linkages to SDGs 		
Unit 2	Sessions: 2	Global Cooperation
<p>This unit discusses carbon budget, its allocation and remaining global carbon budget. The joint responsibility of developed and developing countries to reduce carbon emissions along with different protocols and agreements to address climate change is also covered in this unit.</p> <ul style="list-style-type: none"> ● Carbon budgets ● CBDR-RC and fair shares ● UNFCCC processes including the Paris Agreement 		
Unit 3	Sessions: 2	Domestic Considerations

India's energy, its sources and emissions are analysed in this unit. This unit also explores emission-economy models, its implementation and impacts on economy, health, gender and energy security.

- Mitigation and techno economic pathways
- Political economy considerations
- Just transition and risks
- Current and emerging policy responses
- Relevant actors

Unit 4

Sessions: 2

Climate Finance

This unit talks about flows of finance towards addressing causes and impacts of climate change and how much finance is required. It discusses the commitments of developed countries and requirements for scaling up of climate finance. It also addresses the need for mainstreaming climate finance in the domestic financial system.

- Needs and challenges
- Mainstreaming climate finance
- Adaptation and L&D