



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: 2023-25	
Instructor: Dr Aman Srivastava	Academic Associate: Mr. Aryaman Chatterjee	

Course Description

Among the several complex problems facing the world today, climate change is recognized 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 has it been – and 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 Materials

The course will not rely on any textbooks, although students may appreciate the following as additional reading:

- *'India in a Warming World: Integrating Climate Change and Development'*. Navroz K. Dubash (ed.). Oxford University Press. 2019.

Relevant material will be largely covered within the lectures. Further literature – primarily journal and magazine articles – may be communicated over time.

Course Schedule

Unit 1	Sessions: 1.5	Science and Salience
<ul style="list-style-type: none"> • A review of anthropogenic emissions • Future emissions and temperature scenarios • Likely physical impacts 		
Unit 2	Sessions: 1.5	A summary of global Cooperation
<ul style="list-style-type: none"> • Carbon budgets and allocations • Global equity and fair shares • UNFCCC processes and the Paris Agreement 		
Unit 3	Sessions: 1.0	Finance: The big barrier
<ul style="list-style-type: none"> • Needs and context • Realigning finance and challenges • Adaptation and L&D finance 		
Unit 4	Sessions: 2.0	Socioeconomic impacts: Physical and transition
<ul style="list-style-type: none"> • Interlinkages with development goals • Just transitions and risks • Political economy considerations, federalism • Role of institutions 		
Unit 5	Sessions: 2.0	Policies, instruments, technologies
<ul style="list-style-type: none"> • Tools for setting policy: Modelling • Current and potential low-carbon technologies • Market-based instruments and mechanisms • Select domestic and global policies 		