Circular

School of Public Policy, IIT Delhi

The School of Public Policy is offering the following new courses during the upcoming semester (**January-June, 2024**). The details of these courses are mentioned below-

----

Course Code: SPL 810
Course Title: Advanced Topics in Policy Studies (Urban Planning Practicum)
Credit Structure: 3 Credits (3-0-0)
Instructor: Prof. Surajit Chakravarty
Lecture Slot & Time: Slot- S (Wed 6:15-9:15 pm)

Course Description:

This is an applied course on 'public participation'. The course will begin with an overview of the scholarship on public participation in planning, and on the metrics through which successful public participation is defined. The course will teach students to carry out meaningful public participation exercises, which are now mandatory for most development projects. This year we will focus on sensitizing citizens on issues of environment and climate change, using trees as boundary objects. Please consider taking the course if you are looking at any career path where you anticipate needing to speak directly to citizens. No prior knowledge of urban planning is required to take this course.

Course Content:

Delhi urban planning, Informal settlements, Lal-dora/ urban village, public participation, deliberative democracy, Geddes, Jacobs, advocacy planning, muddling through, collaborative planning, communicative turn, power, panopticon, planning in the face of power, Arnstein's ladder of participation, metrics for evaluating participation, design-organization-implementation of a participatory planning exercise.

Course Code: SPV 791
Course Title: Special Module on Ethics in Policy Making
Credit Structure: 1 Credits (1-0-0)
Instructor: Prof. Sonja Klinsky / Prof. Sanjiva Prasad
Lecture Slot & Time: Slot- J (Mon 12:00-13:00, Tue 12:00-13:00, Fri 12:00-13:00)

Course Description:

In this discussion-based course, a diverse range of theories will be examined about how we might decide what a "good" policy is. Using examples from class participants and from current events class participants will develop the skills to:

- Explain how they themselves define policy 'goodness' and/or 'justness'
- Constructively engage with ideas that are different than their own
- Identify assumptions hidden within policy processes and tools,
- Develop their own personal code of conduct for policy professionals.

This course will help students become more confident when explaining why and how you think about 'good' versus 'bad' policies, or 'just' versus 'unjust' policies. It will also help them see less obvious aspects of any given policy. It will also help them identify how they want to approach the work of providing policy analysis.

Course Content:

The core set of modular options include- Utilitarianism, Rawlsian Approaches, Capabilities Approaches, Feminist Ethics of Care, Rights of Nature Approaches, Ubuntu Ethics, Anishinabe Chipewa Frameworks, Nozick and Process based Approaches, Recognition Justice, Professional Ethics and Codes of Conduct.

Course Code: SPV 793
Course Title: Special Module on Public Policy in Management of Natural Resources (Systems Thinking and Modelling for Sustainability)
Credit Structure: 1 Credits (1-0-0)
Instructor: Prof. Pooja Prasad
Lecture Slot & Time: Slot- AC (Tue 14: 00-15:30, Fri 14:00-15:30)

Course Description:

The overall objective of the course is to introduce students to system thinking and system dynamic modelling to analyze sustainability of social-ecological systems. At the end of the course, students will be able to apply tools such as causal loop mapping, and stock and flow modelling to (a) identify interconnections within social-ecological systems, (b) recognize and represent feedbacks that drive resource (un)sustainability in a dynamic system, (c) build and explain conceptual models of social-ecological systems relating system behaviour to dominant feedbacks, and (d) evaluate leverage points for policy interventions. All classes will have significant hands-on components of system mapping and modelling, including the use of simulation game. Note that the course does not require (or teach) any programming. We will be introduced to a simulation software to build conceptual models that require logical thinking.

Course Content:

Introduction: Natural Resources Management and the need for a systems approach. Why model? Why System Dynamics? Causal representation concepts and exercises: variable names, causal linkages, feedback loops, interpreting feedback. Causal loop diagrams, introduction to stocks and flows, typical behaviour-

time graphs of environmental systems. Introduction to Vensim: building a one stock model. Possible cases: population dynamics, CO_2 in atmosphere Managing common property resource: fishing game. Tragedy of the commons Participatory group model building: hands on activity in class. Participatory group model building: hands on activity continued. Predator-prey models, Carrying capacity of systems, Overshoot and collapse: Case study Kaibab deer population. Evaluating interventions: Leverage point analysis. Case study: groundwater management Wrap up and Paper discussion.

Course Code: SPV 794
Course Title: Special Module on Public Policy in Data, Communication and Computation
Credit Structure: 1 Credits (1-0-0)
Instructor: Prof. Rathin Biswas
Lecture Slot & Time: Slot- L (Tue 18:00-19:00, Fri 18:00-19:00, Wed 13:00-14:00)

Course Description:

This course provides an understanding of public policy issues/challenges related to information and communication systems and their applications, data collection and storage, authenticity, privacy and integrity, communication, computation and algorithmic decision making. The course will help students anticipate emerging challenges in the digital era and address effective strategies for policy advocacy.

Course Content:

Role of data, information and communication technologies in policymaking in the digital age. Urban Sensing, Data driven policymaking. Digital Identity, Social media and Public engagement. Policy Challenges in the Digital Era, Digital Divide, Algorithmic Bias, Privacy Principles, Responsible & Ethical AI, Misinformation, Regulatory frameworks for technology governance, GDPR, Ethics in Data and Research Communication.

Course Code: SPV 796
Course Title: Special Module on Public Policy for Sustainable Habitats and Livelihoods (Corporate Sustainability and Environmental Compliance)
Credit Structure: 1 Credits (1-0-0)
Instructor: Prof. Rajarshi Dasgupta & Prof. Rathin Biswas
Lecture Slot & Time: Slot- AC (Tue 14:00-15:30, Fri 14:00-15:30)

Course Description:

The objective of this course is to provide an overview of environmental laws and policies applicable to industrial operations. Students are expected to gain knowledge of different legislative and voluntary arrangements for environmental protection and sustainability reporting. They are further expected to gain a working knowledge of different ISO standards and auditing methods related to environmental

sustainability, occupational health and safety, accessibility, and workspace inclusivity. They will also learn about digital regulatory outlook.

Course Content:

Overview of Environmental laws and Policies applicable to industrial operation, Environmental Protection Act 1986 and rules and notifications thereunder, Methodology for Environmental and social Impact Assessments, Environmental Auditing and Occupational Health and Safety Auditing, Physical and Digital Accessibility Auditing.

Course Code: SPL 723
Course Title: Understanding Policy Making through Case Studies
Credit Structure: 3 Credits (3-0-0)
Instructor: Prof. Sanjay Mitra & Prof. Upasna Sharma
Lecture Slot & Time: Slot- AD (Tue 15:30-17:00, Fri 15:30-17:00)

Course Description:

This course enables students to critically appraise important aspects of public policy making in India, integrating conceptual models and theoretical frameworks with practical insights from the actual formulation and implementation of public policy across a set of fields with substantial STI focus. Case studies drawn from different fields, such as public health, direct benefit transfer, and domestic manufacturing in high technology areas, will enable students to apply insights from theory to actual policy making.

Course Content:

Introduction to Public Policy Making: Basic concepts, actors, institutions, and the policy stages heuristic and its limitations; Theoretical approaches to policy-making: Multiple Streams Framework; Case study - Public health interventions in vector-borne diseases – Polio; Social construction of target populations and policy design; Case study - Public health interventions in vector-borne diseases – Kala-Azar, Guinea-worm; Punctuated Equilibrium theory; Case-study – Public health interventions in reduction in infant and maternal mortality; Case-study – domestic high technology manufacturing and indigenization of manufacturing in the Pharmaceuticals sector; The Advocacy Coalition Framework - Case-study - Aadhaar and Direct Benefit Transfer: Housing, MGNREGA, PM-KISAN; Institutional rational choice framework; Case study - domestic high technology manufacturing and indigenization of manufacturing in the Solar PV and wind sector; Alternative views on role of rationality in the policy process; Case study - domestic high technology manufacturing and indigenization of manufacturing in the Defence sector; Learnings from applying theoretical frameworks to case-studies.