

GLOBAL INITIATIVE FOR ACADEMIC NETWORKS



National Coordinating Institute
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

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RENEWABLE ENERGY: LAW AND POLICY PERSPECTIVES

Overview

India, an emerging economy, needs to channelize resources of non-conventional source of energy to sustain economic growth and to guarantee better living to inhabitants. Renewable energy has not been viewed only as a measure to cover up the shortage of depleting sources of conventional energy but also significant for mitigating climate change.

In India, the regulatory framework to deal with energy sector has been changed on periodical basis to accommodate the requirement of industry, consumer and the state. However, the changes have largely been related with conventional source of energy with a very sparse provision on renewable sources of energy. In 2003, the Electricity Act has been enacted with a commitment to non-discriminatory open access to end users and participation of private players in generation. The Act fails to give necessary impetus to renewable energy required for promotion of this sector. Perhaps, the short comings in the existing on electricity have encouraged the Ministry of New and Renewable Energy to propose a draft law, National Renewable Energy Act 2015, to promote the production of renewable energy sources. Paris Accord has renewed the commitment of India on renewables. The Course aims to acquaint the participants about legal and policy framework on cleaner source of energy. As the regulatory framework on renewable energy is in formative stage, it prudent to analyse the proposal along with international development in this sector so that the proposed structure will be based from learning of other jurisdictions as well.

Objectives

- To map the regulatory framework on renewable energy under the energy law and policy in India.
- To examine the role of different institutions to promote renewable energy.
- To explore the nuances of the regulations on renewable energy of select jurisdictions.

Modules

Duration:

May 7 to May 18, 2018.

Module 1:

Energy Law and Policy – Indian Perspective

The course will provide a historical sketch of energy sector in India and development of the sector till date. Constitutional arrangement of electricity and access to energy as a facet of the right will also be touched upon. An overview of Electricity Act, 2003 will be followed by the detailed It will analysis of the provisions related to renewables. There will be a study of judgements of regulatory commission and appellate tribunal related to the Act in general and renewable energy obligation, certificates, open access, cross subsidy and surcharge etc in particular. The provisions related to Tariff Determination, Stand-Alone, Mini and Micro Grid will be covered. Renewable is playing a big role in rural electrification, thus policy on related subjects will be discussed. The on-going debate on climate change and renewables will also be discussed.

Modules

Module 2:

Renewable Energy – International Perspective

The course will provide students with opportunities to relate what they have learned about renewable energy law in India to policy approaches, legal principles, and statutory regimes the structure renewable energy development in the United States and other parts of the world. Topics will include renewable portfolio standards, feed-in tariffs, renewable fuel standards, large and small-scale facility siting, utility restructuring, regional transmission planning, interactions between energy development and environmental law, resource-specific licensing (hydroelectric, wind, solar, biomass), distributed electricity generation, net metering, and complementary policies (e.g., energy efficiency, demand response). The course will ultimately situate law and policy for renewable energy in India, the US, and elsewhere around the globe within the United Nations Framework Convention on Climate Change and implementing agreements, including the Paris Accord.

Fees

The participation fees for taking the course is as follows:

Category	Indian (₹)	Foreigner (\$)
Students	3000	50
Scholar/Faculty	5000	100
Industry People	10000	150

Fees include all instructional materials & internet facility. Accommodation will be provided on additional payment.

The Faculty



Professor Uma Outka is a Professor of Law at School of Law, Kansas University. Professor Uma Outka works at the intersection between energy law and environmental law, with a focus on renewable energy and the transition to a low-carbon electricity sector. She has served on the University of Kansas School of Law faculty since 2011, and is an Affiliate Faculty member of the Environmental Studies Program, the Center for Environmental Policy, and the Institute for Social and Policy Research. In 2013, she was the recipient of the Moreau Faculty Award, an honor bestowed on a faculty member by the entire student body. In 2015, she received the campus-wide Sustainability Leadership Faculty Award.



Dr. Uday Shankar is Assistant Professor at Rajiv Gandhi School of Intellectual Property Law, Indian Institute of Technology Kharagpur. Dr. Uday has an experience of fourteen years in teaching and research. He works on the area of Energy Law and Public Law. He has also done a research project on Renewable energy in India- A study of Eastern India. He worked as a consultant to the Government of Tripura for formulation of Solar Policy of the State. He offers courses on Energy Law and Policy for Law and engineering students of the Institute. He has published articles and book chapters on energy law and policy. He has been awarded with Magdalene Schoch Fellowship as Guest Professor by University of Hamburg in the year 2017. He received fellowship from prestigious Max Planck Institute of Comparative Public Law and International Law, Heidelberg.

Course Co-ordinator

Dr. Uday Shankar

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Registration Process

Registration for GIAN courses is not automatic because of the constraints on maximum number of participants allowed to register for a course. In Order to register for one or multiple non-overlapping courses, you have to apply online using the following steps:

1. **Create login and password at www.cep.iitkgp.ac.in/gian**
2. **Login and complete the registration form.**
3. **Select courses**
4. **Confirm your application and payment information.**
5. **Pay ₹500 (non-refundable) through online payment gateway.**

The course coordinator of the selected courses will go through your application and confirm your selection as a participant one month before the starting date of the courses. Once you are selected you will be informed and requested to pay the full fees through online payment gateway service.

