

TEACHING PLAN

Challenge of the Balance: Learning the policies, practices and politics of environmental management in India (August 1- 30, 2013)

Date	Session Title	What will be covered	Faculty
01.08.13 (Thurs.)	Registration	Registration formalities, introductions	Sharmila Sinha
	Introduction	Introduction to students & CSE. Assignment discussion.	Sharmila Sinha
	Introduction	Environment-development challenges in contemporary India	Amit Baruah Prog Dir, Education & Training
MODULE: Overview of the Environment-Development Debate - Stakeholders			
02.08.13 (Fri)	Activist	Challenges of an activist: Conservation in urban landscapes	Pradip Kishen Filmmaker & Environmentalist
	Assignment	Magazine Assignment & Case Study Discussion (Is renewable energy the way forward for developing countries (India, S. Asia, Latin America)	Sharmila Sinha / Aditya Batra Prog Dir, Board & Funding
	Lecture	South Asian Environmental Laws: Implications	Sanjay Upadhaya (Supreme Court Advocate and the founder and managing partner of India's first environmental law firm, Enviro Legal Defence Firm)
MODULE: Natural Resource Management: Local and Global Politics			
	Lecture	Poverty, Environment and Politics: The Links	Richard Mahapatra Senior Editor, Down to Earth
	Lecture	Watershed as a Unit of Development	Sucharita Sen Associate Professor, Center for Study of Regional Development, Jawaharlal Nehru University
06.08.13 (Tue)	Lecture	Environmental Governance: Role of Multilaterals	Joe Athialy Bank Information Centre's Coordinator for South Asia
	Lecture	Food Sovereignty: Who Decides What We Eat?	Latha Jishnu Senior Editor, Down to Earth
	Lecture	Communities in Water Management - Regional Experiences	Bharat Lal Seth
07.08.13 (Wed)	Lecture	Communities, Forests and Resources	Nitin Sethi Assistant Editor, Hindu
	Discussion	Discussion on magazine/ web assignment.	Sharmila Sinha
	Lecture	Dams in the Himalayas - Impacts, Consequences	Vimal Bhai Activist, Founder Matu Jan Sangathan
		Case Study and Magazine Discussion	Joel/ Deblina and Aditya

	Discussion	Reaching out: Audience and journalists in the changing media environment	Amit Baruah
		Field Visit Discussion: What we will see.	Sharmila Sinha
Local Field Visits			
09.08.13 (Fri)	Field Excursion	Mangar Bani Sacred Grove	Chetan Agarwal Has studied the ecological benefits of Mangar Bani and the surrounding Aravalli hills
		Experiencing a sustainable building: A talk with an architect	Pradeep Sachdeva Planner, Architect
Addressing the Development Deficit			
12.08.13 (Mon)	Lecture	Introduction to Decentralised Wastewater (DWWT) & Rainwater Harvesting (RWH) Systems	Deblina Dwivedi, Programme Officer, Urban Water, CSE Sanyukta Dasgupta, Research Associate, Urban Water CSE
	Workshop	How to design your own DWWT system & RWH system	Deblina Dwivedi
13.08.13 (Tue)	Workshop and Discussion	Building and Living Green: In Conversation	Gaurav Shorey (Assistant Professor, Sushant School of Architecture, Delhi)
		Discussion Continues	
	Invited speaker	Experiences and Challenge of Reforms in Governanace	Atul Sood (Associate Professor, Centre for Studies for Regional Development, Jawaharlal Nehru University)
14.08.13 (Wed)	Hands-on Exercise	Green Building Calculation	Avikal Somvanshi Research Associate, Sustainbale Building, CSE
	Discussion	Magazine Assignment	Aditya Batra
	Lecture	Access To Medicine	Leena Menghaney Access Campaign India Co-ordinator at Médecins Sans Frontières
Climate Change			
27.08.13 (Tue)	Overview	Politics & Science of Climate Change	Chandra Bhushan Deputy Dir Gen CSE
28.08.13 (Wed)		Climate Change Talks: A Timeline of Negotiations	Indrajit Bose Dep Prog Manager, Climate Change Team, CSE

29.08.13 (Thurs)		Climate Change: Air pollution, Congestion and Mobility	Anumita Roychowdhury, Executive Director - Research and Advocacy
		Tea	
		Renewable Energy: Is off grid the solution	Joel Kumar Research Assistant, Renewable Energy team, CSE
		LUNCH	
	Film & Discussion	Mean Sea Level	Sharmila Sinha
Wrapping Up			
30.08.13 (Fri)		Feedback and Discussion. Certificate Distribution	Amit Baruah, Sharmila Sinha
		Lunch Party	
Field Trip Details			
DATE	ISSUES DISCUSSED	DETAILS	SPEAKERS / RESOURCE PERSON
18. 08. 2013 (Sun)		Delhi to Jodhpur	
19.08.2013 (Mon)	1 - In Depth learning of the issues being dealt with during the field visit.	Reach Jodhpur	
		Proceed to Hotel Residency Palace - Rest & breakfast	
		Proceed to GRAVIS Office for Lecture	
	2 - From the roof of the fort we will see the water channel systems of the city and why it was known as the blue city.	Session 1 - Introduction and Overview - Jodhpur's 'development' - Past, present and future - changing eco system	Dr Prakash Tyagi Director, Gramin Vikas Vigyan Samiti (GRAVIS)
		Break	
		Industry and Development - How Jodhpur, Pali Faludi and Balotra have 'developed' into an economic hub	Dr S.M. Mahnot, Director, The School of Desert Sciences
		Break	
		Briefing on desert ecosystem: Environment, NRM challenges	Dr. D. C. Bhandari Principal Scientist Central Arid Zone Research Institute (CAZRI)
		LUNCH	
	Visit to Mehrangarh Fort. Walk around the old city	Gobind Singh Bhati	
20. 08.2013 (Tues)		Early morning walk through Rao Jodha Desert Rock Park	Pradeep Krishen (Park Director)
	Participants can explore Jodhpur on their own		
21.08.2013 (Tues)	First Chipko movement in 1730.	Visit to Khejardli	P S Bhatti (The School of Desert Sciences)

	Helping farmers with information inputs; dryland agriculture; salinity resistant vegetable plantation methods; solar applications;		
		LUNCH	
	Connecting technology with rural India	Visit Village Melwa for ISRO Village Resource Centre	
22. 08. 2013 (Thurs)	Legal and illegal mines do not adhere to stipulated regulations resulting to increasing cases of silicosis.	Red sandstone mining and silicosis affecting miners. Interaction with affected people at the hospital run by GRAVIS	Rajendra Singh (GRAVIS)
		Leave after breakfast for Kalro. Reach at 10 am	Rajendra Singh (GRAVIS)
23. 08. 2013 (Fri)	Making of salt is resource intensive. Child labour and large tracks of land is consumed. Is it sustainable?	Visit salt mines. Interact with villagers. See the process of salt making	Sreekanth (GRAVIS)
	Khadim, Beris, Bowdis, Kui are local water harvesting structures designed by local engineers to deal with harsh summers of the desert.	Watershed: What are the different kinds of watershed structures and engineering that we will see	
	They are installed on village commons, agriculture land is being bought from farmers for installation, water usage to clean panels is depleting the ground water.	Solar Energy: Visit solar energy stations to understand their viability.	
24. 08. 2013 (Sat.)		Leave for Jodhpur. Night train to Delhi	