

Ramapo College of New Jersey
INTD 231: Sustainable Development in India

Course Information	
INTD 231	
Credit Hours	4
Semester / Year	Spring, 2018
Class Meeting Date/Time	See Course Outline
Prerequisites	INTD-201 (Indian Culture and Society)
Fulfills	General Education: Systems, Sustainability and Society

Course Description:

The idea of "development" has had a major influence on the formation of economic, social and political institutions, spanning from the post-Independence period to modern-day India. Broadly, the story can be told on three interwoven themes – hyper-modernization, appropriate technology and sustainable development. This course will trace the trajectory of these three themes: in the West, in India and in the Third World, as undergirded by Gandhian calls to self-sufficiency and a sustainable development. Beginning with post-independence India, "development" was institutionalized through centralized planning apparatuses, such as large-scale modernization programs to increase agrarian and industrial production. In later phases of Indian development, these ideas moved from the "mixed economy" approach to the recent "liberalization" and integration of the economy into the global economy. The course concludes with an analysis of the rise of the non-governmental sector in India, with their calls for a more appropriate approach to technology and sustainable development.

Course Goals:**1. Apply methods of scientific* inquiry effectively.**

1. Understand the scope and philosophy of scientific or social scientific inquiry.
2. Using knowledge of quantitative or qualitative methods, analyze a scientific or social scientific study to determine if the conclusions are appropriate.

2. Analyze ethical implications of the global distribution of power and resources.

1. Analyze the distributions of power and resources and their implications at the local, national, and international level.
2. Summarize ethical perspectives in understanding inequities in the distribution of power and resources.
3. Understand and explain the interplay between the two competing post-colonial planning goals of *sarvodaya* (development for all) and of development as accelerated industrialization.
4. Understand and explain the emergence of the appropriate technology movement

as reactionary to the forced industrialization of the nation.

5. Understand and explain the ascendancy of capitalistic privatization and marketization.
6. Understand and explain the re-emergence of the appropriate technology movement in present-day India.

3. Demonstrate logic and reasoning skills.

1. Students will be able to apply theoretical concepts to explain social issues in the US, and compare with examples from other countries.

Measurable Student Learning Outcomes

Through the semester students will be evaluated on a number of parameters to assess how well they have met the course goals.

SYSTEMS, SUSTAINABILITY, AND SOCIETY

OBJECTIVES	OUTCOMES	Midterm Paper	Journal	Class Discussion	Final Paper
1. Apply methods of scientific* inquiry effectively.	1. Understand the scope and philosophy of social scientific inquiry.	Yes			Yes
	2. Using knowledge of quantitative or qualitative methods, analyze a social scientific study to determine if the conclusions are appropriate.	Yes			Yes
2. Analyze ethical implications of the global distribution of power and resources.	1. Analyze the distributions of power and resources and their implications at the local, national, and international level.	Yes	Yes	Yes	Yes
	2. Summarize ethical perspectives in understanding inequities in the distribution of power and resources.	Yes	Yes	Yes	Yes
3. Demonstrate logic and reasoning skills.		Yes	Yes	Yes	

Grade Distribution Across Assignments:

Mid-Term Paper:	20%
Journal:	30%
Class Discussion:	20%
Final Paper;	30%

Grading Scale:

A	95>	C+	78-80
A-	91-94	C	74-77
B+	88-90	C-	71-73
B	84-87	D+	68-70
B-	81-83	D	64-67
		F	<63

General Education Program Course

This course fulfills the General Education Systems, Sustainability and Society distribution Category course requirement. During the course of your studies, you will learn about how the economic, social, and ecological activities involved in sustainability relate to the increasing interconnectedness of the world in the 20th and 21st centuries, using social science methods of inquiry to better understand the ethical and distributional effects of power and resources.

Attendance Policy

Given the particular nature of the course, attendance is mandatory. 2.5% points will be deducted from the final earned grade for each absence. College policy states that students must notify faculty within the first three weeks of the semester if they anticipate missing any classes due to religious observance.

Electronic Forms of Communication

In accordance with College policy, I will use your Ramapo College email address (@ramapo.edu) to communicate with you about all course-related matters. Additional readings will be made available through Moodle.

Policy on Academic Integrity

“Students are expected to read and understand Ramapo College’s academic integrity policy, which can be found online in the College Catalog. Members of the Ramapo College community are expected to be honest and forthright in their academic endeavors. Students who violate this policy will be required to meet with the faculty member and/or will be referred to the Office of the Provost.” This policy will be strictly enforced. No exceptions will be made, and the Office of the Provost will be notified in ALL cases.

Students with Disabilities

If you need course adaptation or accommodations because of a disability that has been

documented with the Office of Specialized Services, please make an appointment with me.

Texts, Readings, Materials

Readings will be provided via DropBox.

This course will meet for 15 hours per week for four weeks

WEEK ONE: The Emergence of Modernity in India

Bhambhri, C.P. 1985. "Imperialism in India," *Social Scientist*, v13n2. (Feb., 1985): 38-45.

Hall, Peter G. & Stephen S. Poloz. 2007. "When Will India Reach Its Full Potential?" *International Journal*, v62n4, *India Emerging: Strength and Challenge* (Autumn, 2007): 771-779

Shiva, Vandana. 1997. "Economic Globalization, Ecological Feminism and Sustainable Development," *Canadian Woman Studies*, v17n2 (1997): 22-27.

WEEK TWO: Introduction to Sustainable Development In India

Lele, Sharachchandra M. 1991. "Sustainable Development: A Critical Review," *World Development*, v19n6 (1991): 607-621.

Kala, Mayanka & Aruna Sharma. 2010. "Traditional Indian beliefs: a key toward sustainable living," *Environmentalist* v30 (2010): 85-89.

Narayanan, Priya & Ashok D. Hanjagi. 2009. "Land Transformation: A Threat to Bangalore's Ecology, A Challenge for Sustainable Development," *Theoretical and Empirical Researches in Urban Management*, n1s (2009): 38-47.

WEEK THREE: The Rise of an Alternative Development in India

Kothari, Ashish. 2009. "Radical Ecological Democracy: Escaping India's Globalization Trap," *Development*, v52n3 (2009): 401-409.

Pastakia, Astad. 1998. "Grassroots ecopreneurs: change agents for a sustainable society," *Journal of Organizational Change Management*, v11n2 (1998): 157+.

Vaidyanathan, Geeta. 2002. "In Gandhi's Footsteps: Two Unusual Development Organizations Foster Sustainable Livelihoods In the Villages of India," *Alternatives Journal*, v28n2 (Spring 2002): 32+.

WEEK FOUR: Appropriate Technology in an Age of Globalization

Michael Valenti. 1991. "Appropriate Technology: Designing to Fit Local Culture," *Mechanical Engineering*, v113n6 (Jun., 1991): 64-69.

Anonymous. 2013. "Energy Efficient Cookstoves for Haiti," *Appropriate Technology*, v40n3 (Sep. 2013): 63-66.

Abrol I.P. & Sunita Sangar. 2006. "Sustaining Indian Agriculture: Conservation Agriculture, the Way Forward," *Current Science*, v91n8 (10/25/2006): 1020-1025.

Lybbert, Travis & Daniel Sumner. 2010. *Agricultural Technologies for Climate Change Mitigation and Adaptation in Developing Countries: Policy Options for Innovation and Technology Diffusion*. Issue Brief 6, International Centre for Trade and Sustainable Development. Geneva, Switzerland.

Course Requirements

This course will require student participation in classes and lectures, as well as the completion of weekly journals. A mid-term paper and a final paper will test the students' knowledge of key course concepts.

Engagement with the course material and participation in the lectures is required. There will be weekly reading quizzes and students are required to maintain a daily journal to be submitted at the end of each week, including the week of the field trip.

There will be one mid-term paper and one final paper for the course. Each paper should be 10–15 pages with 1.25" left and right margins. Students should use the APA format for their paper and citations.

These are research-based papers in which students will utilize at least four scholarly, peer-reviewed sources.

Journal Assignment Guidelines

This assignment is worth 30% of your grade for this course. Journals will be **due by 11:55pm every Friday** for a total of three grades during the first course. The purpose of these journals is to reflect on your academic learning and experiences while in India. You can use these journal entries to help you write your final essay for this course.

In your journal entries, you should:

1. Discuss the readings and lectures

Summarize the main ideas of at least one of the readings or of the lecture for that day. You might consider including a relevant or illustrative quote and comment on that quote.

2. Describe experiences on field trips or anywhere outside of the classroom

Give a careful, concrete description of an experience that you have had in India. Try to describe the events and people you observe as clearly as possible and avoid using

your own cultural assumptions to interpret or judge them.

3. Make every effort to integrate concepts from readings, lectures and films with your experiences outside the classroom.

You can take an academic concept and then use your description of an event to illuminate or illustrate that concept or describe an event first and then try to apply a concept to understand, interpret, or make sense out of that event.

Journal grades will be based on your effort to understand the academic material, your ability to thoughtfully reflect on your experiences, and on the clarity of your writing.

You must write **5 journals entries per week minimum**. Each entry should be **300 words long**, minimum. Give page numbers for all quotes using in-text citations.

Proofread for spelling, grammar and clarity.

Please use double-spacing and 12-point font. Please save in Microsoft Word.

If Ramapo faculty are in India, you may print out and hand in journals on paper.

Otherwise, email your journal on the due date to the Ramapo professor. If the internet is not working at Fireflies, please submit your journal to Fiona who will deliver it to the faculty.