



# Global perspectives on agriculture and food systems in India

Fall embedded course: FD SC 499B  
 with travel to India from Nov 21 to Nov 29, 2015  
 Open to any major!

## Tentative Itinerary

This new course will explore food production, distribution, and processing operations in India, while learning about the role agriculture is playing in this booming economy.

- Nov 21 (Sat): Depart State College
- Nov 22 (Sun): Reach Mumbai
- Nov 23 (Mon): Visit Institute of Chemical Technology & Meat Processing Co
- Nov 24 (Tues): Visit Dairy Manuf Co, Shopping in the afternoon
- Nov 25 (Wed): Leave for Ahmednagar, Visit with farmers & Vegetable Processing Co
- Nov 26 (Thu): Leave for Jalgaon/Aurangabad, Visit Irrigation Co & Seed Growing Co, Visit Ajanta Ellora caves
- Nov 27 (Fri): Leave for Nasik/Pune, Visit Snack Food Company & Winery
- Nov 28 (Sat): Leave for Mumbai and then to State College



Contact Dr. Swamy Anantheswaran ([swamy@psu.edu](mailto:swamy@psu.edu)), or Dr. Bhushan Jayarao ([bmj3@psu.edu](mailto:bmj3@psu.edu)) for more information.

## Global perspectives on Agriculture & Food Systems in India

### Fall semester curriculum at University Park and travel component over fall break

The course will meet two hours per week during the fall semester. Day, time, location TBA.

Prerequisites: Permission of the instructor(s).

### Student Based Learning Objectives:

1. This new course will explore food production, distribution, and processing operations in India, focusing on fruits & vegetables, grape production/enology, and dairy operations.
2. Through lectures, the student will understand the key economic and cultural drivers of agricultural and food processing operations in India.
3. Through case studies, the students will learn about the role agriculture and food production and processing is playing in this booming economy.
4. Through a week-long study tour during the Thanksgiving break, the students will be exposed to agricultural, food processing & distribution operations in and around Mumbai and surrounding metropolitan and rural areas.
5. Through a week-long study tour during the Thanksgiving break, the students will be exposed to culture and food habits of India.
6. Through report writing and group presentations, the student will learn cooperative and collaborative learning strategies and effective communication techniques.

### Instructors:

Swamy Anantheswaran, 305 Erickson Food Science Building

E-mail: swamy@psu.edu

Bhushan Jayarao, 111 Henning Building

E-mail: bmj3@psu.edu

### Grading:

Participation in lectures, study tour, discussions = 50%

Group technical reports & presentations = 50%

### Expenses

Estimated student cost is **\$3250** for airfare, visa, on-ground transportation, lodging, and meals. Plan to bring a small amount of additional funds for personal expenses, souvenirs, etc.

First payment of **\$1000 due June 15** to Ketja Lingenfelter, 122 Agricultural Administration Building, University Park, PA 16802. Please mail a check payable to Penn State University.

Copy of **passport due June 15** to Ketja, ketja@psu.edu or 122 Ag Admin Building.

Second payment of **\$1000 due August 15** to Ketja Lingenfelter, 122 Agricultural Administration Building, University Park, PA 16802. Please mail a check payable to Penn State University.

Final payment of **\$TBA due October 15** to Ketja, 122 Ag Admin Building.

If interested, please complete attached application.

Application due **ASAP** to Ketja Lingenfelter, ketja@psu.edu

The Pennsylvania State University  
College of Agricultural Sciences  
The Department of Food Science

**FD SC 499B – Global perspectives on Agriculture & Food Systems in India**  
Fall 2015

*Course will meet two hours per week during fall semester, TBA*  
*Travel to India Dates: 11/21/15 – 11/29/15 (Thanksgiving Break)*

Application For Enrollment

**I. PERSONAL INFORMATION**

Name: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

Student ID No.: \_\_\_\_\_ Major: \_\_\_\_\_

Semester Standing: \_\_\_\_\_ Expected Graduation Date: \_\_\_\_\_

Phone Number: \_\_\_\_\_ E-mail Address: \_\_\_\_\_

Current passport Number: \_\_\_\_\_ Expiration date: \_\_\_\_\_  
\_\_\_\_\_  
(Renew ASAP if expiring on or before April 2016)

Any allergies, dietary, health concerns, special accommodations you need or would like us to be aware of while visiting India?

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**II. INTERNATIONAL INTEREST**

Please share your reasons for taking this course, and expectations from this course.

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Please describe places you have visited outside of the United States.

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Application deadline: ASAP to Ketja Lingenfelter, [ketja@psu.edu](mailto:ketja@psu.edu)