



# **Study Abroad Training Programme**



offered to



## **Sustainable Tropical Agriculture Systems of Sri Lanka**

**11<sup>th</sup> May – 5<sup>th</sup> June, 2017**

**Conducted by**

**Agriculture Education Unit (AEU)  
Faculty of Agriculture, University of Peradeniya, Sri Lanka**

## Study Abroad Program for Michigan State University, USA

Agriculture Education Unit (AEU) Faculty of Agriculture

University of Peradeniya

### PROGRAM

**Arrival of students to Peradeniya: 11<sup>th</sup> (Thursday) May 2017**

Will be received at the Airport by Dr. Mojith Ariyaratne

Participants will be transported to Opel Residencies at Peradeniya (<http://www.opelresidencies.com>), Sri Lanka

Date	Time	Activity	Responsibility
<b>Introduction to Tropical Agriculture, History and Culture of Sri Lanka</b>			
11 May (Thursday)	15:00	Meeting of the Coordinators and Participants at Opel Residencies, Programme overview & logistics, Interaction with Sri Lankan students	
12 May (Friday)	08:15 - 08:30	Registration	
	08:30 - 09:15	Opening Ceremony	Mojith, Pradeepa, Chalinda
	09:30 - 10.30	<b>Lecture 1:</b> Sri Lankan history - A general historical timeline, providing background into the arrival and importance of Buddhism, an explanation of the ancient civilizations that lead to the ancient cities/temples/ tanks, what happened in the colonial period, and some understanding of the ethnic/religious diversity on the island	Tudor
	10.30 - 11.30	Tea Break	
	11:00 - 12.00	<b>Lecture 1:</b> continued....	Tudor
	12.00 - 13.00	Lunch	
	13.00 - 14.30	<b>Lecture 2:</b> Tropical Agriculture - an overview	Pushpe
	14:30 -	Campus tour	
	19:00 -	Welcome reception	Mojith, Pradeepa, Chalinda
<b>Introduction to Tropical Agriculture, History and Culture of Sri Lanka</b>			
13 May (Saturday)	08:30 - 09:30	<b>Lecture 3:</b> Agro- climate of Sri Lanka	Punya
	09:30 - 10:00	Tea Break	
	10:00 - 11:30	<b>Lecture 4:</b> Geology of Sri Lanka	Jagath

	11:30 - 12:30	<b>Lecture 5:</b> Integrated Pest Management in Sri Lankan Agriculture	Heme
	12:30 - 13:30	Lunch Break	
	13:30 - 15:00	Free time	
	18.00	Visit to Temple of Tooth Relic	Jeewan, Rohitha
<b>Introduction to Tropical Agriculture</b>			
14 May (Sunday)	08:30 - 12:00	Visit to Royal Botanic Garden	Chalinda, Shelomi
	12.00 - 13.30	Lunch at Royal Botanic Garden	
	13.30 - 15.30	Meditation programme	Mojith
	16.30 - 19.00	Visit Kandy City Centre	Mojith
	19.30	Dinner at Opel Residencies	
<b>Livestock Farming System</b>			
15 May (Monday)	08.30 - 09:30	<b>Lecture 6:</b> Animal husbandry in Sri Lanka	Janak
	9,30- 10.00	Tea Break	
	10.30- 12:00	<b>Lecture 7:</b> Farming Systems	Hitta
	12:00 - 13.00	Lunch Break	
	13:30 - 16.30	Visit to Mawela Farm	Demate
	19:00 ~	Dinner at Opel Residencies	
<b>Introduction to Tropical Agriculture</b>			
16 May (Tuesday)	08:30 - 10:00	<b>Lecture 8:</b> Socio-economic issues	LHP
	10:00 - 10:30	Tea Break	
	10:30 - 12:30	<b>Lecture 9:</b> Human-elephant conflict	Dangolla
	12:30 - 13.30	Lunch	
	13.30 - 17.00	Visit to herbal medicine/ayurvedic medical centre	
	19:00 ~	Dinner at Opel Residencies	
<b>Dry Zone of Sri Lanka</b>			
17 May (Wednesday)	06:30 - 09.30	Travel to Seegiriya and visit Spice Garden on the way	Mojith, Jeewan
	09.30 - 12:30	Climb Sigiriya Fortress	
	12.30 - 14.00	Lunch at Dambulla	
	14.00 - 16.30	Travel to Mahailuppallama (MI), Visit a gem-mining location, & arrive and check-in at the student hostel	
	18.00 - 21.00	Dinner Meeting with Farm Families at MI	

Farm family visit			
18 May (Thursday)	All Day	Farm family visit	Mojith, Ranil, Madhavi, Jeewan, Prathibhani
	18:00	Dinner at MI	
Farm family visit			
19 May (Friday)	All Day	Farm family visit	Mojith, Ranil, Madhavi, Jeewan, Prathibhani
	18:00	Dinner at MI	
Dry Zone Agriculture			
20 May (Saturday)	08:30 - 09:30	<b>Lecture 10:</b> Introducing dry zone agriculture	Malavi
	09:30 - 10:30	<b>Lecture 11:</b> Rice cultivation in Sri Lanka	Mojith
	10:30 - 11:00	Tea Break	
	11:00 - 12:00	<b>Lecture 12:</b> Rice nurseries	Mojith, Ranil
	12:00 - 15:30	Lunch Break and Free time	
	15:30 - 18:00	Land Preparation for rice planting	Mojith, Ranil
	19:00 ~	Dinner with University Students at MI	
Dry Zone Agriculture			
21 May (Sunday)	08:30 - 11:30	Rice crop establishment	Mojith, Ranil
	11:30 - 15:30	Lunch and free time	
	16:00 - 18:00	Visit Dambulla Cave Temple	Jeewan
	19:00 ~	Dinner at Dambulla	
Aquaculture			
22 May (Monday)	07.30 - 08.15	Travel to the Aquaculture Training Centre at Kalawewa	
	08:30 - 09:30	<b>Lecture 13:</b> Aquaculture Industry in Sri Lanka	Athauda
	09:30 - 10:30	<b>Lecture 14:</b> Aquaculture training needs	Chandrarathne
	10:30 - 12:30	Practical session on aquaculture	Athauda
	12:30 - 13:30	Lunch	
	13.30 - 15.30	Practical Session on Aquaculture	Athauda
	15:30 - 16:30	Visit “Avukana”	Athauda, Jeewan
	19:00 ~	Dinner at MI	

Irrigation Systems and culture			
23 May (Tuesday)	08:00 - 12:00	Visit to <i>Kalawewa</i> and irrigation systems in the dry zone	Pathma
	12:00 - 13:00	Lunch	
	13:00 - 16:00	Visit to Anuradhapura Historic city	Jeewan
	16:00 ~	Return to Opel Residencies at Peradeniya	
Free Day			
24 May (Wednesday)	Free-day	(a visit to Udawattakelle, a nature reserve in Kandy, can be arranged)	
Plantation and Up Country Agriculture			
25 May (Thursday)	09:00 - 14:00	Travel to Nuwara Eliya - Visit historical places and City Tour of Nuwara Eliya (free time) – Lunch at the city	Janaki, Keerthi
	17:00 - 19:00	Travel to TRI Hostel	
	19.00 ~	Dinner at TRI Guest House	
Plantation and Up Country Agriculture			
26 May (Friday)	09:00 - 09:50	<b>Lecture 15:</b> Introduction to Plantation Agriculture	Saman
	09:50 - 10:10	Tea Break	
	10:10 - 11:00	<b>Lecture 16:</b> Tea and Tea research	Keerthi
	11:10 - 12:00	Tea Processing (value addition)	Keerthi, Janaki
	12:30 - 13:30	Lunch Break	
	13:30 - 17:00	Visit to Tea factory	Keerthi, Janaki
	19:00 ~	Dinner at TRI Guest House	
Plantation and Up Country Agriculture			
27 May (Saturday)	09:00 - 12:30	Visit to tea fields and interaction with workers. Practical on pruning, plucking, etc.	Keerthi, Janaki
	12:30 - 13:30	Lunch Break	
	13:30 - 15:00	Visit to tea fields and interaction with workers. Practical on pruning, plucking, etc. (contd.)	Keerthi, Janaki
	19:00	Dinner at TRI Guest House	
Plantation and Up Country Agriculture			
28 May (Sunday)	09:00 -13:00	Practical session at Vegetable Farming in Steep Lands	Buddhi, Keerthi, Pradeepa
	13:00 -14:00	Lunch Break	
	19:00 ~	Dinner at TRI Guest House	

Plantation and Up Country Agriculture			
29 May (Monday)	09:00 - 13:00	Visit to Ambewela Livestock farm	Buddhi, Pradeepa
	13:00 - 14:00	Lunch Break and return to TRI	
	19:00 ~	Dinner at TRI Guest House	
Nature Trail			
30 May (Tuesday)	All day	Visit Horton Plains	Buddhi, Pradeepa
	19:00~	Dinner at TRI Guest House	
Return to Peradeniya			
31 May (Wednesday)	11:00 -16:00	Return to Peradeniya by train	Buddhi, Pradeepa
	16.00 - 19.00	Free time	
	19.00 ~	Dinner at Opel Residencies	
Natural Ecosystems in Tropics			
01 June (Thursday)	08.00 - 09.00	<b>Lecture 17:</b> Biodiversity in the tropics and their conservation	Pushpe
	09.00 - 13.30	Visit to Elephant Orphanage at Pinnawela	Nimal, Athauda
	13.30 - 14.30	Lunch at Pinnawela	
	14.30 - 18.00	Return to Peradeniya and Free time	
	19.00 ~	Dinner at Guest House	
Flnal presentations and Closing			
02 June (Friday)	08.00 - 14.00	Preparation for presentations	Mojith
	15.00 - 17.00	Presentations and closing ceremony	All staff
	19.30	Farewell dinner	Buddhi, Mojith, Chalinda, Pradeepa
Leisure - Beach time			
03 June (Saturday)	Morning	Shopping in Kandy	Buddhi, Mojith, Chalinda, Pradeepa
	14:00~	Leave to a Beach Hotel	
Leisure - Beach time and Departure			
04 June (Sunday)	All Day	Beach time	Buddhi, Mojith, Chalinda, Pradeepa
05 June (Monday)	Early morning	Departure	

## Resource Persons

Athauda	Dr. S Athauda, Faculty of Agriculture, University of Peradeniya
Buddhi	Prof. Buddhi Marambe, Faculty of Agriculture, University of Peradeniya
Chalinda	Dr. Chalinda Beneragama, Faculty of Agriculture, University of Peradeniya
Chandraratne	Mr. Nimal Chandraratne , Director General, NAQDA, Sri Lanka
Dangolla	Prof. Asoka Dangolla, Faculty of Veterinary Medicine & Animal Science
Demate	Prof. M Dematawewa, Faculty of Agriculture, University of Peradeniya
Heme	Dr. KS Hemeahcndra, Faculty of Agriculture, University of Peradeniya
Hitta	Dr. G Hitinayake, Faculty of Agriculture, University of Peradeniya
Jagath	Dr. Jagath Gunatillake, Faculty of Science, University of Peradeniya
Janaki	Dr. Janaki Mohotti. Faculty of Agriculture, University of Peradeniya
Janak	Dr. Janak Vidanarachchi, Faculty of Agriculture, University of Peradeniya
Jeewan	Mr. Jeewan Tharindu Kumara, Faculty of Agriculture, University of Peradeniya
Keerthi	Dr. Keerthi Mohotti, Tea Research Institute, Talawakelle
LHP	Prof. LHP Gunarathne, Faculty of Agriculture, University of Peradeniya
Madhavi	Ms. Madhavi Wijerathne, Faculty of Agriculture, University of Peradeniya
Mojith	Dr. Mojith Ariyaratne, Faculty of Agriculture, University of Peradeniya
Nimal	Prof. Nimal Perera, Faculty of Agriculture, University of Peradeniya
Pathma	Dr. S Pathmaraja, Faculty of Agriculture, University of Peradeniya
Pradeepa	Prof. Pradeepa Silva, Faculty of Agriculture, University of Peradeniya
Prathibhani	Ms. Prathibhani Kumarihamy, Faculty of Agriculture, University of Peradeniya
Punya	Dr. Ranjith Punyawardena, Department of Agriculture
Pushpe	Prof. G Pushpakumara, Faculty of Agriculture, University of Peradeniya
Ranil	Dr. RH Ranil, Faculty of Agriculture, University of Peradeniya
Rohita	Dr. Rohita Dasanayake, Faculty of Arts, University of Peradeniya
Saman	Dr. Saman Hettiarachchi, Tea Research Institute
Shelomi	Dr. Shelomi Krishnaraja, Royal Botanic Gardens, Peradeniya
Tudor	Prof. Tudor Silva, Faculty of Arts, University of Peradeniya
Malavi	Dr. MAPWK Malaviarachchi, Field Crops Research and Development Institute

### **Program Coordinators**

Dr. Mojith Ariyaratne (Mojith) - Coordinator (mobile: +94-718-585328)  
Prof. Buddhi Marambe (Buddhi) - Co-Coordinator (mobile: +94-777-900948)  
Prof. Pradeepa Silva (Pradeepa) - Co-Coordinator (mobile: +94-777-263387)

### **Contact Numbers of Places where accommodation is provided**

Opel Residencies, Peradeniya	(Tel: +94-812-057836)
Sub Campus , Mahailuppallama	(Tel: +94-2522-49137)
Duke's Bungalow, Talawakelle	(Tel: +94-522-258386)