

International Internship program
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Kesetsart University

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1.schedule

Date	Schedule
15-Oct	
16-Oct	Hydroponics Thailand
17-Oct	Hydroponics Thailand
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19-Oct	Ayuttaya
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22-Oct	
23-Oct	Suwan farm
24-Oct	Choc Chai farm
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26-Oct	interview farmer and fisherman ,floating market
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30-Oct	Art and Craft Center
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1-Nov	
2-Nov	
3-Nov	
4-Nov	presentation
5-Nov	Royal Project HubKapong
6-Nov	
7-Nov	
8-Nov	visit tour at Samutsongkhram
9-Nov	
10-Nov	FAO
11-Nov	

1.study

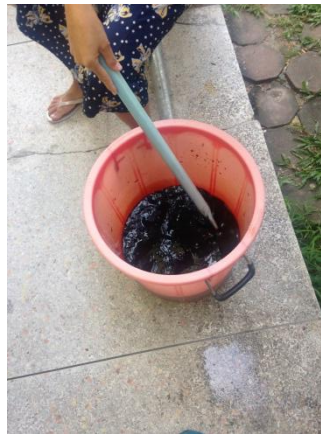
(1)Hydroponics Thailand

On Oct 16 I went to the farm near Bangkok. And I met Mr. Ble. His business is not only lecture about hydroponic but also sell products.

First, I studied about Hydroponic.

We don't use soil in this system. By using water which contains nourishment, we can raise crops. And we can save water and money which is used for fertilizer.

This water includes liquid A and B. Liquid A contains Iron, Calcium Nitrate. Liquid B contains Potassium Nitrate, Mono Potassium Nitrate, Magnesium Sulfate, Chelate. These liquid are made by farmers. It is not difficult. Only mix powder and water. After, they mix water, liquid A , liquid B. A 1L:2cc:2cc ratio.



There are many works for farmer. Transfer plants to next step, make liquid, control number of pH and EC. In this system, there are 3 steps and every step takes 2 weeks. After 6 weeks, they can harvest. And they control concentration by using pH pen and EC pen.



Next, I studied about his business.

His business area is big. He sometime goes to Malaysia, Laos and other Asian countries and introduces about his business. I asked him. If some people (in Dubai) sent a mail and say “I’m interested in it.”, will you go to Dubai?? He answered “Of course.”

And he sell salad box and juice, meal and other. Vegetables which were harvested in his farm are packed in box or become juice. Salad box’s price is 50 baht. I asked sales about salad box.

$50 \text{ baht} \times 700 \text{ box} = 35,000 \text{ baht / day}$

This price is not cheap for Thai people. We can eat one meal by paying 30 baht. So I asked him. “Your target is rich people, right?” He said “Yes.” And people who are interested in health.

(2) Suwan farm, Choc Chai farm

On Oct 23 I went to Suwan farm. It belongs to Kesetsart University. I measured corn's height in there. It was very hot. But leaves of corn are thick and hard. So we had to wear long sleeved shirt and jeans. I 'm not good at hot places. It was very hard for me.



Next day, I went to Chok Chai farm. This is place that people can see many cows, crops, and products which were made by using milk.

In here, I milk a cow. I have never milked a cow. So it was very fun. And I could see some videos and a circus. It was in Thai. So I couldn't understand enough. I could understand that "First, they raise few cows. But after it became many, sometime watching is not enough. So they policed by brand their cattle. And by making many other places that we can understand many things, the number of tourist became larger and larger. "



(3) Interview farmer and fisherman

On Oct 26 I interviewed 5 people. 4 people were farmers and the other was fisherman. I wanted to discover different or common point (compare Thai with Japan). So I asked many things.

Questions were

- kind of crop
- the number of people (family, farmer)
- annual income
- annual schedule
- about fertilizer
- education about agriculture
- inheritor etc...

I asked cost too. But it was difficult to get answers that I want know. Because farmers couldn't speak English. And I can't speak Thai. So I could understand only the following.

- Most of them use chemical fertilizer. Because it is easy to use.
- High cost, Low price, disease. These are big problems.
- They got agricultural education from their parents. Some people attend seminar or read some books.
- If they have only daughters, they don't hope to have their family business. Because it is hard for girls to be engage in farming.
- The rice farmer has 2 cycles a year.
- chemical fertilizer is not good for fisherman. Because water become dirty.

So sometime, it is difficult for them to coexist.

I couldn't talk them in Thai. But all of them were very kind and answered with smile. So I was happy.



(4) Arts and Crafts Center

On Oct 30 I went to Arts and Crafts Center. I like make something by using my hand. So I wanted to go like that.

This place is supported by queen. Many people come from other provinces and get education. There were many buildings. We could enter into buildings and see people who were making something. And I could buy products. It was very cheap but beautiful.



There are many royal projects in Thai. Many people don't have job and money. It is easy to give money but, it is not good. Because it's not a fundamental resolution. So king and queen give job to them. They can get money by working themselves. They can stand on their feet.

(5) Royal Project HubKapong

On Nov 5 I went to Royal Project HubKapong. In here, I could see many place.

First, I can see process of making hat which was made with sisal hemp. Sisal hump is very strong. So people use it to make something.

After harvest, they remove skin. Many years ago, people use primitive machine to remove. But now people use another machine. Primitive machine

can remove skin perfectly, but it isn't efficient. So now, they use another machine and after, they wash fiber. Next, it is braided in three strands and become product by staff sew on each other. Staffs made hat easily. But it needs a lot of experience. Staff said that she has been kept this job for 30 years.

After, I went to the shop. I could see many products hat, bag, wallet.... All of them were beautiful and I bought two bags for my grandmothers.



Next place was the shop of cosmetics. There were many women and people seemed that they want to try and buy products.

In here a woman demonstrated the product. Maybe, they didn't have job before came here. But after training, they can work and live here. So some people was working while taking care their children.

Here is supported by queen. I bought Enchan shampoo and conditioner. Enchan is famous flower which color is blue. My university's friend taught me if we use it, our hair become black and strong. So I wanted to give my grandfather.



3. sightseeing

(1)Ayuttaya

On Oct 19 I went to Ayuttaya. It was capital of Thailand many years ago. So we can see many traditional buildings. But some of them were broken.

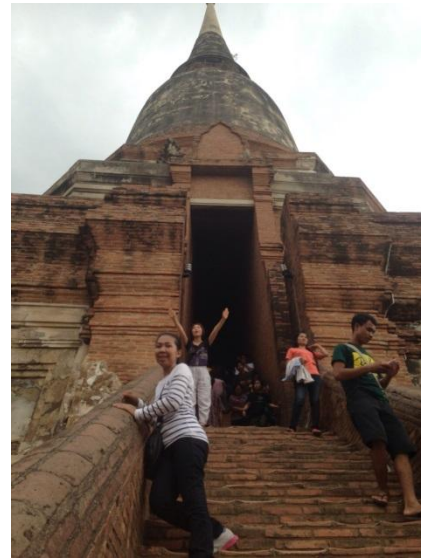
First, I visited meeting place. Because I and my teacher want to join religious event. In there, I could see many Buddhist priests. people gave money and food to them. I thought that Japan has same custom but this style is different. Buddhist priests ate meal in front of people and people was waiting for finishing. After, Buddhist priests chant Buddhist sutra. Maybe, they were saying thank you. This was first time for me to see that. So it was fun for me.



Next, I visited Wat Yai Chaya Mongkol. This place is famous. I could see many Japanese. On ticket, I found sentence.

“King U-thong proclaimed this temple the royal temple. At that time it bore the name Wat Chao Phya Thai. The temple had been the place of many important historical events. It was the seat of the Buddhist patriarchs and monks of the forest traditional which was noted for the practice of meditation and insight. Wat Yai Chaya Mongkol means the grate temple of auspicious victory. It derived its name from the Chedi built to commemorate the renowned victory of king Naresuan the grate over the massive Burmese invasion in 1593.”

In here, I saw many statues of Buddhaa. And hair style of them were same (looks like soft ice cream). So I asked my teacher but, she said “I don’t know”. It was strange for me.



(2)floating market

During my stay I went to many floating markets. In Thai, there are so many floating markets. But its style is different. Original style is that using boats and it is located near river. But now, it is not only river. So some time I could not see boats. And my teacher taught me “ In the past, market’s products were different for each location. So we had to go original place if we want to get. But now it is same. We can get products everywhere. It is not good for market.”

First market for me was located near Ayuttaya. There were many food and clothes. I wanted to buy Thai pants. So I bought it and others for my friends. Some shop staffs could speak Japanese. So it made me surprised.

Another market was different from it. Next market has only foods. Most of people bought many kinds of food and ate in there. In Thai, if we buy food, most of food is offered that put into plastic bag. First, I didn’t like this style because I thought that it is not clean. But I stayed Thai for a month. So I used to seeing it. And I don’t think anything.



4. my friends

Most of days, I spent time with my friends. Every day they made me happy and took care for me. Thanks for them I didn't feel loneliness.

And I learned that perfect language skill is not necessary to communicate. When I was in Thai, I could speak Japanese and English. No Thai. And most of my friends could speak only Thai. But I could communicate with them. Sometime, we use body language and easy English words. It isn't perfect. But we became smile and felt happy. I didn't have chance to speak in English in Japan. So I was worried. But I realized that I need not to worry after I go to Thai.

And now I continue to contact my friends. They say "Miss you ." and I say too. If I have chance to go to Thai, I want to meet them as soon as possible.



5.my impression

After I came back to Japan, I realized that I need to keep remember how wealthy our daily lives are and also need to know there are many countries that something is not taking for granted.

For example, we can always use hot shower. But it isn't usual in student dormitory. In my case, my teacher has been to Japan. And she knows that. So I could use hot shower. But local students don't have hot-water heater.

Also, I saw many kinds of toilet. Sometime, it didn't have pomp and paper. In Thai, people flush the toilet by using a pail. So toilet bowls become wet. I didn't know this way so I was surprised.

And one day, I had a stomachache. Before I go to Thai, I heard that " We have to be careful when we ate something raw." But I wanted to eat salad. Most of them are safety, but I had eaten something bad.

But I think all of them are good experience for me. If I didn't go to Thai, I couldn't realize. I would like to thank everyone involved with me.