

**Toyohashi University of Technology,
Institute for Global Network Innovation in Technology
Education**

News from Penang

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Reports

Review for 4th GFD activities (2017.4 – 2018.3)

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Introduction

On 7th December 2016, there was a first announcement of TUT GFD recruitment in my college. After I applied it, there was an e-mail that I was officially accepted as a GFD member of the year on 18th February 2017. If I could count from the first announcement day in 2016, I joined and worked for this project more than 1 year. It was unforgettable for my life, and precious experience for my career. In this script, I would like to review and summarize the whole term of GFD project I joined, with the fragments of my memories and photos.

April 3 to June 17 (Toyohashi)

Our training has started from TUT Head Quarter. Under the warm instruction and strong supports, we GFD trainee learned English skills such as reading, listening, writing and speaking. With the refurbishment of our English skill, the training of Teaching in English (TiE) was also carried out. Especially I learned the importance of interactive communications between a teacher and students. I appreciate the professors, instructors and tutors as follows; Prof. Ryan, Prof. Levin, Prof. Fernansdez,

Prof. Kato, Prof. Shakochi, Mr. Yoshinaka, Mr. Roger, Ms. Motoyama, Ms. Delgard, Ms. Tamura, Ms. Vanya, Ms. Irna, and Mr. Pascal. I still remember well the visiting of ‘turtle café’ of Toyohashi with professors and tutors.

July 14 to December 25 (New York)

Based on what we learned in Toyohashi, GFD started training in QC, CUNY (Queens College, City Univ. of New York). At first, in order to dip our brain into real and practical English, we joined the classes of ELI (English Learning Institute) of QC. In ELI, I joined the writing class of Ms. Debby Horowitz, reading class of Ms. Robin Weltz, speaking class of Ms. Roberta Chacon, and listening class of Ms. Sara Miller. These teachers are friendly, passionate and truly professional for each class. I learned so many things for reading, listening, writing, and speaking. After the one and half months of ELI classes, the science classes has started. I joined the classes of electromagnetism and data structure. In the science classes, not only the theories, I learned so many technical English such as mathematical expression,



Photo 1: Beach of Toyohashi, where the sea turtles visit for egg laying



Photo 2: With Ms. Debby Horowitz.

I appreciate her instruction

logical explanation, and vocabularies. I already learned electromagnetism, when I was a university student, but the class of Prof. Takei showed me another way of learning electromagnetism as a style of American science and technology. The class of Data structure by Prof. Chao Chen was also useful and well organized to teach computer science especially machine learning. In QC, I could see various ethnic background, not only European, but also Asian, Hispanic, Jewish, and Afro American. It was quite stimulating and exciting experience to overview the global society in one place. In addition to academic subjects, the area of Queens borough taught me also multi-ethnic, multi-culture and multi-religion society. We GFD trainee learned science education also with Prof. Michelle Fraboni, Prof. Eva Fernandez and Prof. Jennifer Valad. The class was mainly discussion style. Through the discussions, I learned the process of technology learning and the improvement of comprehension and misconception. To skill up more our technical English, QC provided another class by Prof. Ann Larios. The class was customized by our requests, and we learned especially pronunciation and grammar of Technical English. Thanks to Ann's offer, we joined the science café of Natural History Museum in Manhattan. That is also wonderful and impressive memory.

January 14 to March 5 (Malaysia)

In order to finalize and display our achievement what we learned in Toyohashi and New York, the training in Malaysia has started. In the first week, we had meetings with Professors in Politeknik Tuanku Sultanah Bahiyah (PTSB), Universiti Sains Malaysia (USM), and Politeknik Seberang Perai (PSP), to discuss and to specify what each school's students need to study. After the preparation in TUT Penang, the stay in PTSB started. PTSB is located in Kulim city, Kedah state. I could observe the facilities and workshops in PTSB, and I am impressed the

professors' passionate explanation and the students' diligent and friendly attitude of the class. I had 2 classes of engineering and another class of technical English. The students' reactions were nice, they often asked questions and gave comments. Including the outdoor activities (which was called tropical "heavy rain" forest jungle walking), all of programs and activities were well arranged, and thanks to this, our mission which we teach in English to the PTSB students was also quite successful. I appreciate Director Mejar(K). Mohd Noor bin Shahudin, Prof. Shamsul, Prof. Zamri, Prof. Azhani, Prof. Koh, Prof. Khairul, and Prof. Fauziah.

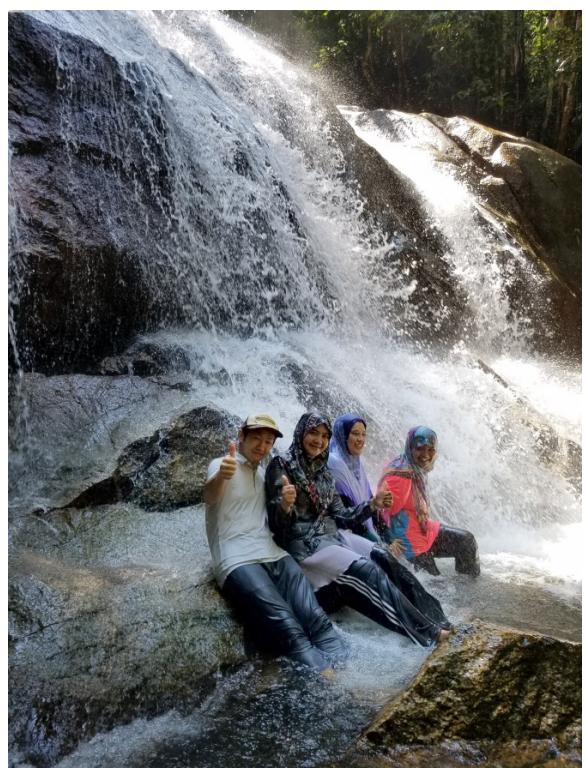


Photo 3: ジャングルの中の滝



Photo 4: The visit to Sanmina Sci BHD



Photo 5: With the students of USM

Next to PTSB, we visited in PSP. PSP is located in the city of Seberang Perai. It is industrial city, and there are some Japanese companies such as Toray and so on. In PSP, I had 2 classes for Electric department and Computer science department. They were curious about my classes and I could do well of the classes. During the mission in PSP, we had an opportunity of visiting Sanmina-SCI Penang, the company of producing wireless devices such as walky-talky, in Penang Island. In the company also, they use the word “KAIZEN”, “KANBAN” and “POKAYOKE” for the quality control. In the final evening, we were invited to the Indian festival which is called “Pongal Festival” in PSP. It celebrates the harvest of the rice and vegetables. So many dances, singing songs, martial arts and funny talks were performed. I appreciate Director Mejari (K) Zulkifli bin Ariffin, Prof. Nasir, Prof. Mariappan, and Prof. Zuraila. After the PSP visit, the final training in USM started. The campus is located in Parit Buntar. When I looked around the city, from the guest house’s window, I sensed that I am looking over the small part of Asia continent. The vast and flat land spreads, even a short glance of the view in Malay Peninsula. The campus is well facilitated, and a room was given for each GFD member. Actually while I am writing this script, also preparing the final class for USM. I will do my best for the final class,

so that students can enjoy it. I appreciate Prof. Rizal the Dean of the Electric and Electronic Engineering Department, Prof. Fadzil, Prof. Junita, and Prof. Hadi. To say honestly, it is not so easy to take photos with students while I making a lecture. Not to repeat the problem, I could take photos in the final class in USM. Photo 5 is taken just after the class.

Conclusion and acknowledgement

I learned the basic part of English communication and class going in Toyohashi, refurbished and reconstructed my English skill and Science in New York, and finally I had classes in English (plus bits of Malay language as well) in PTSB, PSP, and USM. Through this GFD activities, I always have been wondering about global style or “global person”. I am not sure if I got the true answer, but each place Toyohashi, New York and Malaysia gave me so many cues. When we try to do something beyond the border, we must have the skill of foreign languages, the information of the destination, and the knowledge about the cultural background of the people we meet. New York the melting pot showed me very wide range of the people’s life style, and how they survive in the city. The city of Penang and cities of Main Land showed me what they have and what they need for the society progress. I really and strongly hope to continue working related to global and international field in the future as well. I could get so many things to feedback and contribute to TUT and my college. Finally I appreciate Prof. Inoue, Prof. Shibata, Prof. Nagao, Prof. Daimon, Prof. Akiba, Prof. Matsui, Mr. Fong, Mr. Ishino, and Ms. Suzuki. Especially I appreciate Ms. Suzuki’s contribution for our activities’ support all through the term. And I appreciate my colleague Prof. Kashine and Prof. Iida. I really and sincerely gratitude their generosity and patience to me. I thank everyone involved this project.

Memories in GFD program

Kenji Kashine, National Institute of Technology, Kagoshima College

In this GFD program, I could get a lot of experiences and unforgettable memories. All experiences are important for me, and they made me develop my teaching skills. On this report, I would like to show the impressive memories of each stage in this program.

The first stage was taken place in Toyohashi University of Technology (TUT). The duration of this stage was about three months. Our GFD members took several lectures for teaching in English, such as English pronunciation, conversation skills, culture understandings and so on. And also, we could participate a laboratory which is related to own research field. In this stage, my best memory is the Showcase Wrap-up. In this showcase, our GFD members had a trial lecture which is related to own specialties in English. At the time of my trial lecture, many of students who were belonging my laboratory in TUT came and listened to my lecture. I was so surprised, and then, I appreciated their hospitality and kindness.

The second stage was taken place in Queens College (QC), New York. The duration of this stage was six months. At the first two months, we studied English at the English Language Institute in QC. At the latter four months, we participated in a class which is offered for current QC students. I took a computer programing class which has hand-on training using a microcomputer board. In this stage, I could meet a

respectable teacher who teaches this class. The teacher was always taking care about students' understandings and their future career. And also, he took pride in his work. I was impressed with his attitude for teaching and his personality. I thought that I have to set my mindset like him and continue to develop my teaching skills.

The third stage was taken place in Penang, Malaysia. The duration of this stage was about two months. We had an opportunity to have a lecture for Malaysian students in English. Our lectures were held on two polytechnics and one University in Penang. I had a lecture of Energy conversion engineering for those students. In this lecture, I explained the latest Japanese technology such as maglev train, fuel cell car and so on. Malaysian students were having great interest in the Japanese technology and culture, so they listened to my lecture carefully. Also, I could enjoy the teaching for them. In this stage, I could realize the pleasure of teaching for younger people.

In this GFD program, I could meet many people. All of people took care of me and gave me the worth experiences. If I haven't met them, I could not do nothing during this program, and I could not get such as wonderful memories. I hope I will be able to meet them again at somewhere in the world, and I would like to express my appreciation to them.

Looking back on this program

Tamio Iida, National Institute of Technology, Gifu College

1. Introduction

Our on-the-job training for two months in Malaysia is about to over at the same time that lectures in USM are completed and we will also complete the global faculty development (GFD) program for a year. In this report, I am going to describe on-the-job training at the USM in which I have conducted the lectures. Furthermore, I would like to look back on this year.

2. Lectures in USM (Universiti Sains Malaysia)

I conducted two-hour lecture once at USM. In the situation at the two colleges so far, I was able to teach the contents of the lecture which I hoped. However, at USM, as the lectures actually being held in semester was appointed, I was very nervous about the heavy responsibility. These lectures of electronic circuits which are being held simultaneously in several departments were attended by not only electric and electronic engineering students but also mechanical, chemical, and medical engineering students. Since the contents of the lecture were already decided based on the syllabus, the lecture content range differed from the lectures I have done in other colleges so far. Therefore, it was necessary for me to prepare a lot of new contents. When the meeting with professor who was in charge of my lectures, she told me it was difficult to adjust the content difficulty and grasp student comprehension. The reason is that the number of students is very large and the background of engineering is different. However, there was a Chinese New Year before my lectures at USM. Therefore, I was able to get a sufficient time to prepare my lecture. In addition, I was able to know the atmosphere of the lecture in advance by observing the lecture of the previous week, and I managed to complete my lecture without significant problems.

3. Look back over the past year

Until now, I have been a lot of things I wanted to



Lecture scenery at USM

tell my thoughts in more detail in English when I attended international conference and accepted international student to my school. It was under these circumstances that the public invitation for this program was began. It was a courageous decision for me to apply for this long-term GFD program, and I thought that if I missed this opportunity, I probably won't get any chances to study English again from now on. Then I decided to apply and I was able to get notice of adoption in the last year of the second year project. This year which I had spent with multicultural people was irreplaceable experience.

Before participating in this program, it was not clear at all that what was lacking in my English ability, especially when conducting classes in English. But now I can self-analysis what is lacking and find how to learn it. I think that being obtained this ability from this program was the greatest achievement for me. I am going to continue making efforts to cultivate our students who will become global people by utilizing the experience gained through this program. Finally, I would like to express my sincerest thanks to all the people who supported me in this program and I am grateful for my wife and children who were always encouraging me during the program.



Completion Ceremony of Global Faculty Development Program in TUT-USM Penang

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