



The 1st Winter School Report

December 4-22, 2015

Vol.1

Edited : February 10, 2016



Overview of The 1st Winter School Program

Objectives:

To realize cooperative education programs with the Indian Institute of Technology Guwahati (IITG), Gifu University and IITG agree with the opening of the Winter School Program 2015. The major objectives of this Program are to popularize business-focused educational programs among students from Asian countries, and build a new educational model to attract international students to Gifu University based on the agreements between Gifu University and its overseas partner universities.

Period: December 4 - December 22, 2015

(From Opening Ceremony to Accomplishment Report & Closing Ceremony)

Number of Participants: 8 students (IITG)

Contents: Laboratory Work (about 50 hours)

Survival Japanese Classes (90min.×2classes×6days)

Visit to Japanese Companies (Nagase Integrex Co., Ltd., TOYOTA, Taiyo Kagaku Co., Ltd.)

Experience of Japanese Culture (*Wadaiko*, *Juni-Hitoe*)

Other (Meeting between International Researchers and Board Members hosted by the President, GU-NAST Symposium, Special Lecture by IITG Director, Special Lecture by Associate Professor LIM)



The 1st Winter School Events & Activities

Eight IITG students arrived at *Centrair* Nagoya international airport in the evening, December 3, 2015.

→ Flight Schedule: 03DEC 01:55 CCU- 05:50 BKK,
03DEC 10:45 BKK- 18:10 NGO
(23DEC 11:00 NGO- 15:40 BKK,
23DEC 21:55 BKK - 23:00 CCU)

The 1st Winter School began on December 4 !!



Experience of Japanese Cultures

-Intercultural exchanges-

In this Winter School, there were also opportunities for IITG students to experience Japanese culture (traditions and classical culture).

Box on the left: photo with Japanese high school students who played *Wadaiko* (Japanese drums) and *Koto* (Japanese 13-string zither)

December 4, 2015

❑ Opening Ceremony

IITG students participated in the opening ceremony and school guidance session.

❑ Courtesy Call on President

IITG students reported to President Hisataka Moriwaki of Gifu University about their arrival. They expressed their enthusiasm about participating in research activities for one month at Gifu University.



❑ Welcome Meeting

A welcome party took place as an opportunity to introduce IITG students to their supervisors, Gifu University students who serve as tutors, and other international students studying at Gifu University From India. They were invited to give useful advice to the newly arrived students to ease their concerns, worries, etc., during their stay at Gifu University.



❑ Campus Tour

A tour was conducted of the Gifu University premises and facilities for IITG students, providing the locations and description of the facilities and equipment that may be utilized during their stay.

- ❖ International House
- ❖ International Student Center
- ❖ Faculty of Engineering
- ❖ Faculty of Applied Biological Sciences
- ❖ University Library
- ❖ Information and Multimedia Center
- ❖ Dining Hall, Co-op store
- ❖ Health Administration Center



December 5, 2015

❑ Wadaiko Concert & Experience

The international cultural exchange event "Wadaiko (Japanese drum) Concert & Wadaiko Experience" hosted by Soroptimist International Gifu was held at *Gifu Sogo Gakuen* High School. This High School *Wadaiko* team has won numerous awards and also competed at the national convention as the Gifu Prefecture representative. The international students including IITG students appreciated the powerful *Wadaiko* performance by the high school students and learned how to play the drums. Later, all the participants enjoyed talking and playing games together. IITG students also introduced their dance in thanks, and they were able to deepen their friendship.



December 8, 2015

❑ Juni-Hitoe Ceremonial Dress Workshop

IITG students participated in the lecture of *Juni-Hitoe* (layered ceremonial kimono) Ceremonial Dress Workshop presented by the International Student Center, along with the university students.

While receiving an explanation of the history and basic knowledge of the layered ceremonial kimono, they watched a model being dressed in the kimono. Later, some of the students tried wearing the kimono and enjoying the profundity and pomp of *Juni-Hitoe*.





Japanese Classes, Laboratory Work and Inspection Tours

Box on the left: Japanese Class in session

"The Japanese classes were very all organized and very well received. We really learned a lot in 6 days. The lessons were very interactive and the teachers were also very kind and helpful."

...comment from IITG students

December 9 - 18, 2015

❑ Japanese Class (Survival Level)

Japanese classes were held for 18 hours (90 min × 2 classes/day × 6 days). IITG students started to learn simple sentences such as daily greetings, but at the end of this course, they spoke short speeches in Japanese quite smoothly.



December 8 - 21, 2015

❑ Laboratory Work

IITG students visited laboratories and learned about research studies from their supervisors. The students at the laboratories helped the IITG students with their laboratory work. Despite the short period of time, IITG students studied enough to complete an accomplishment report, and they made a presentation about their accomplishment at the closing ceremony.



December 14 and 15, 2015

❑ Visit to Japanese Companies

On the Japanese company inspection tours, IITG students visited three companies: Nagase Integrex Co., Ltd., one of Japan's leading companies in the field of polishing techniques; Taiyo Kagaku Co. Ltd., which enjoys a high reputation for its research and development of food ingredients; and Toyota Takaoka Plant, an automobile assembly plant of Toyota Motor Corporation.



Nagase Integrex Co., Ltd.



Toyota Takaoka Plant



Taiyo Kagaku Co., Ltd.



Other Related Events

Box on the left: Gifu University in Autumn

IITG students also took part in the International Symposium co-organized by the Faculty of Engineering and the Faculty of Applied Biological Sciences in addition to the activities below.

December 9, 2015

❑ Meeting between International Researchers and Board Members hosted by the President

A meeting was held with the aim of promoting mutual friendship among Gifu University board members including President Moriwaki, international students, researchers and their families. IITG students attended the meeting and communicated with a lot of people at Gifu University.



December 10, 2015

❑ Special Lecture (by Director Biswas, IITG)

Professor Gautam Biswas, Director of IITG, visited Gifu University to discuss ongoing international joint cooperative programs with President Moriwaki. He also met the students of the 1st Winter School Program and observed all the students were fully enjoying the program. In commemoration of his first visit to Gifu University, he gave a special lecture titled, "Analysis Free Surface Flows and Bubble Formation during Film Boiling". He spoke about his specialty of computational fluid dynamics and heat transfer. Many people enjoyed his lecture including the IITG students of the Winter School Program.



December 21, 2015

❑ Special Lecture (by Associate Professor LIM)

IITG students attended the special lecture presented by Associate Professor LIM Lee Wah of the Faculty of Engineering, who also holds a post in the Globalization Promotion Office in the faculty. They held discussion under the title of "Internationalization of Japanese Universities".



December 21, 2015

The 1st Winter School Questionnaire Results

Excerpt from the questionnaire that was answered by the eight IITG students

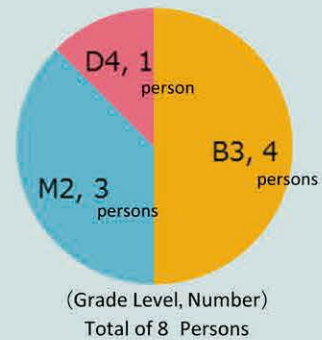


1. Participant information

| | |
|-------------|--------------|
| Males | 7 persons |
| Females | 1 person |
| Average age | 22 years old |

Majors of the participants

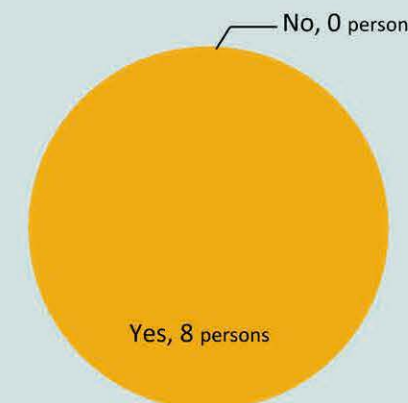
| IITG | Gifu University | Number (person) |
|----------------------------------|---------------------------------------|-----------------|
| Mechanical Engineering | Faculty of Engineering | 2 |
| Chemical Engineering | Faculty of Applied Biological Science | 1 |
| Computer Science and Engineering | | 1 |
| Biotechnology | | 3 |
| Chemistry | | 1 |



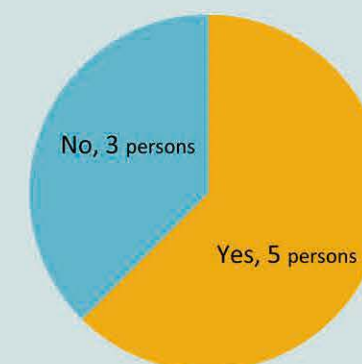
2. Satisfaction with the 1st Winter School



Q. Would you recommend the Winter School Program to the people you know if the program was available to them?



Q. Are your impressions about Gifu University different from those before coming to Japan?



Reasons why

Yes:

- Earlier I was not exposed to the research work here, and now it has impressed me a lot.
- It was more entertaining and a better learning experience than we expected. So much better than expected!
- Extremely caring and kind professors.
- In India the chemical instruments are operated by the instructor, but here it is done by the students.
- The way of working in research labs is entirely different from India.

No:

- I was quite aware about how good the research is in Japan, which I saw while doing work at Gifu University.
- I expected this level of activity, but the level of hospitality was surely higher than expected.
- I had already had interactions with students from IITG studying in Gifu.

December 22, 2015

Accomplishment Report and Closing Ceremony

The final day at Gifu University...

IITG students gave a self-introduction in Japanese and a presentation on their laboratory work, and made some comments on the Winter School Program.



I am glad to know that everyone successfully completed the Winter School Program. I am surprised to find the students learned the Japanese language better than I expected. They must have found positive and negative aspects about Japan during their stay in Gifu. I hope they will come back to Gifu University

Prof. SUZUKI Fumiaki, Supervisor of Winter School (Executive Director, Vice President for International Affairs and Public Relations)

I am very proud that I had the opportunity to be a supervisor of Mr. Akash. In my laboratory, he studied hard and succeeded in synthesizing a new compound to create an artificial siRNA to suppress gene expression in spite of his major being different from it. I am convinced that he will be an excellent scientist.

Prof. UENO Yoshihito, One of the Supervisors for Laboratory Work (Faculty of Applied Biological Sciences)



It was a great pleasure for me to supervise Mr. Ankit from IITG. Our research topic was "Fatigue of magnesium alloys" and he deeply studied about fatigue by himself and in very short time. Therefore, we could have valuable discussions and it was also stimulating for me to study with Mr. Ankit.

Prof. UEMATSU Yoshihiko, One of the Supervisors for Laboratory Work (Department of Mechanical Engineering)



IITG students came to Gifu with almost no knowledge or very limited knowledge of Japanese language. However, they made really nice speeches in Japanese at the end of the program. I am very proud of the students and our Japanese language teaching. Well done! I look forward to seeing them again and hearing their "TADAIMA (I'm home!)" when they come back to Gifu University.

Assoc. Prof. TSUCHIYA Momoko, Coordinator of Japanese Language Classes (International Student Center)



Comments from IITG students

◆ *Visiting the companies helped me to grasp knowledge about the technology and methods incorporated to bring about the theoretical aspects learned.*

◆ *Extra-curricular activities, learning about Japanese culture (JUNI-HITOE), and the TOYOTA museum help me to maintain my interest in the research during weekdays.*

◆ *I was very happy to learn Japanese. This helped me buy things at stores and the supermarket.*

◆ *Visiting various labs at the University exposed me to various research.*

◆ *It was a good opportunity for students to explore their interests.*

◆ *The students in the laboratories were working very hard and were involved in research, which motivated me.*

◆ *The accommodations were very nice. They had all necessary facilities and the stay was very smooth.*

◆ *Everything was very well arranged and it was very good to provide Japanese tutors. They were very helpful and we enjoyed working with them.*

◆ *There is no need to improve anything. I think all events, schedule, accommodation, and transportation were perfect.*

◆ *Perfect. If I were to write about all the good points, then I would need 2 or 3 pages! Very good schedule. Very good people. Very nice place.*

◆ *Awesome hospitality. The Winter School will be a very good initiative for both Indian and Japanese Students in the future.*

◆ *I was very happy and impressed. I enjoyed everything and learned a lot from Winter School 2015.*



国立大学法人

岐阜大学

Gifu University Head Office for Globalization (GHOGL)

1-1 Yanagido, Gifu City, Gifu 501-1193, JAPAN