Overview of the 2\textsuperscript{nd} Winter School Program

Objectives:
The Winter School Program is implemented as a foothold to realize future international academic collaboration with partner universities based on mutual academic exchange agreements. This program was created in mind a platform that can offer educational programs in collaboration between industries and academia. This program aims to promote the following: (1) the presence of Gifu University to our partner universities’ students, (2) future candidates’ career paths, and (3) understanding of local society and Japanese culture.

Implementation Contents:
Participants from our partner universities took part in research work at Gifu University’s laboratory facilities in the Faculty of Applied Biological Sciences and Faculty of Engineering, tours of regional companies engaged in research exchanges, special seminars, and Japanese language & culture experiences.

Program Participants:  
8 members  
(Indian Institute of Technology, Guwahati (IITG) – 6 members, Universiti Kebangsaan Malaysia (UKM) – 2 members)

Tutors:  
12 members  
(Japanese students – 6 members, Indonesian students – 6 members)

In cooperation with:  
Faculty members from Applied Biological Sciences and Engineering, International Student Center, Health Administration Center, Shinsei Co., Ltd., ON Semiconductor, and Gifu Minami Lions Club
Japanese Culture Experiences

JUNI-HITOE Experience (Wed., Dec. 7, 2016)
The Winter School participants participated in a layered-kimono wearing experience sponsored by the university's International Student Center. A simple history of layered-kimono wearing explained to students demonstrated that 12 pieces of carefully folded clothing are worn in layers and removed like a cicada shedding its layered casings. The participants had the opportunity to try on the heavily-clad layered kimono worn by women in the ancient courts.

JI-KABUKI Excursion (Sun., Dec. 11, 2016)
For Japanese culture experience, the participants went on a day excursion to Nakatsugawa City in the Tono region. Under Gifu Prefecture’s protection and revitalization program, the participants were able to tour and study the history and attraction of local Kabuki which was rooted in common people’s lives. The participants also had a chance to watch a live stage performance and experience the peculiar atmosphere of local Kabuki and interact with the actors on stage.

Nakatsugawa was one of the old post towns on the ancient Tokaido Road during the Edo Period (leading to Edo, currently Tokyo), with rest stops in Magome where old townscapes and traditional Japanese atmosphere still remain in place.

SHODO Experience (Wed., Dec. 14, 2016)
The International Student Center organized and conducted a Japanese calligraphy experience for the Winter School participants. While studying the history of calligraphy, students were able to personally experience the feeling of brush writing and spirit of traditional Japanese culture.

Survival Japanese Lesson (Dec. 6-21, 2016)
In "Survival Japanese" class (total of 12 lessons, 90 min/lesson), students learned basic Japanese which is applicable to daily living in Japan. The students participated enthusiastically, knowing minimal Japanese (such as basic greetings) at the beginning and ended up speaking wonderfully about their impressions of the Winter School Program.

Opening Ceremony and Orientation (Mon., Dec. 5, 2016)
On Sunday, December 4th, despite some flight delays, etc, participating students from India and Malaysia arrived safely and headed straight towards Gifu University’s out-campus dormitory in preparation for the start of the Winter School Program the following day. The next day (the 5th) marked the opening ceremony in which participants were warmly received with a welcome message from the Director of GHOGL, Dr. Fumiaki Suzuki, followed by an orientation to provide participants information about their schedules and other precautions. At the opening ceremony, the participants were asked to introduce themselves and give a brief statement about their expectations. They were also introduced to their respective academic supervisors who attended the ceremony.

Welcome Party (Mon., Dec. 5, 2016)
The Welcome Party held at lunchtime was attended by Gifu University student tutors who served as safety managers/counselors for the participants; other attendees included the participants’ main supervisors, university support staff, and other program participants.

Campus Tour (Mon., Dec. 5, 2016)
The Winter School participants also paid a special visit to the University President Hisataka Moriwaki and announced their 3-week participation in the program. President Moriwaki spoke and listened to each individual participants from II TG and UKM as they briefed him about their respective research themes and specializations.

Healthcare Guidance (Tue., Dec. 6, 2016)
The participants received instructions on the location and use of different campus facilities. They also received an explanation about health management during their stay in Japan conducted by Dr. Mayumi Yamamoto, Director of the Health Administration Center.

Healthcare Guidance

Survival Japanese Lesson

J-KABUKI Excursion

JUNI-HITOE Experience

SHADO Experience

CHADO Experience

Opening Ceremony and Orientation

Campus Tour

Welcome Party

 Courtesy Call
Company Tours (Dec. 8, 13, 2016)
Participants in the Winter School Program also went on company tours related to their field of research for the purpose of better understanding how research at Gifu University and corporate R&D are related. After attending the pre-visitation lectures, the participants toured Shinsei Co., Ltd, a sesame processing food maker on Dec. 8 (Thu) and visited ON Semiconductor company on Dec. 13 (Tue). By observing the actual manufacturing processes and listening to talks by development engineers, these tours provided a good opportunity for participants to realize the relation between university research and corporate R&D.

Accomplishment Reports (Thu., Dec. 22, 2016)
During the Accomplishment Reports, the Winter School participants gave a presentation on their Japanese classes and laboratory work.

1) Japanese speech: Self-introduction, feedback for Winter School Program (1-2min)
2) Laboratory Work accomplishment report with PPT (10min)
3) Question and Answer (3min)

Associate Professor Momoko Tsuchiya, the coordinator of survival Japanese class, gave her comments on the students' Japanese speech. And from the research point of view, the academic advisors and professors who supervised the participants also provided their comments.

Closing Ceremony (Thu., Dec. 22, 2016)
At the closing ceremony, Dr. Fumiaki Suzuki presented the Winter School Completion Certificate to each individual participant and then gave a closing remark.

Farewell Party (Thu., Dec. 22, 2016)
At the farewell party held during lunchtime, supervisors and student tutors bid their farewell to the participating students. In addition, we were also honored by the presence of President Moriwaki at the party who rendered some opening greetings and chatted informally with the participating students.

We look forward to meeting you again somewhere in the near future.
## Questionnaire

### 1. Participants information

<table>
<thead>
<tr>
<th>Gifu-U</th>
<th>IITG/UKM</th>
<th>Persons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Males</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Females</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Average age</td>
<td>24 years old</td>
<td></td>
</tr>
</tbody>
</table>

### 2. Satisfaction with the 2nd Winter School Program

<table>
<thead>
<tr>
<th>Average of Satisfaction</th>
<th>0.00</th>
<th>1.00</th>
<th>2.00</th>
<th>3.00</th>
<th>4.00</th>
<th>5.00</th>
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</thead>
</table>

**General Impressions about Winter School**

<table>
<thead>
<tr>
<th>Item</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Tour (2 companies)</td>
<td>80</td>
<td>0</td>
</tr>
<tr>
<td>Pre-seminar for Company Tour (2 seminars)</td>
<td>90</td>
<td>0</td>
</tr>
<tr>
<td>Special Lecture by partner university professors (3 lectures)</td>
<td>53</td>
<td>0</td>
</tr>
<tr>
<td>Research Activity (Laboratory work)</td>
<td>80</td>
<td>0</td>
</tr>
<tr>
<td>Accommodation</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Transportation (Gifu Bus)</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Opening Ceremony and Orientation</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Welcome Party</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Accomplishment Reports and Closing Ceremony</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Farewell Party</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Juni-Hitori Traditional Kimono- Wearing</td>
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</tr>
<tr>
<td>Inaba Shrine OSHO Experience</td>
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<tr>
<td>J-FABU</td>
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<td>1</td>
</tr>
<tr>
<td>Magazine-ju</td>
<td>(Nakashima village)</td>
<td>0</td>
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<tr>
<td>SHISO Experience</td>
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<td>1</td>
</tr>
<tr>
<td>Special Seminar by Dr. Lin</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

### 3. Impression of joining this program as a student supporter (questionnaire for Gifu-U students)

**Your Japanese speeches at the closing ceremony were fantastic! No one believes you studied Japanese language only (Hiroyuki Koyama, Professor) and Prof. Yoshiharu Yamamoto. She focused 'in planta' reporter assay within a very short time. I hope that I can meet you someday in the future.**

* Professor Shoichi KUTSUMIZU and Associate Professor Yohei MIWA

**It was my great pleasure to supervise Mr. Abinash Mahapatro during staying at Gifu-U as a student of Winter School 2016.**

It was my great pleasure to supervise Mr. Dharanidaran Jayachandran at the Winter School. During the winter school, he tried to show the physiological function of AOD in tobacco plants. He succeeded in plants! It was a very good experience for me to have the opportunity to live with foreign students. In addition to learning English, I could understand differences in culture, food, and lifestyle. Moreover, I got acquainted with foreign countries.

* Professor Akiyoshi TAKENO

**I was very happy to meet you here in our doctor course, and although you may now feel that our research fields are slightly different from yours, I’m sure that soon you see our research fields in both inorganic and organic materials and liquid crystalline materials fascinate you.**

* Professor Yoshikuni TERAMOTO

**It was my great pleasure to supervise Mr. Dr. Prachi Tosniwal, 6th semester of BSBE of IITG, enjoyed a compact research project with me (Hiroyuki Koyama, Professor) and Prof. Yoshiharu Yamamoto. She focused 'in planta' reporter assay and obtained an excellent result in a short period. I was impressed with her honest efforts and great talent.**

* Professor Tomoyuki NAKAGAWA

**It is my pleasure to supervise Mr. Abinash Mahapatro during staying at Gifu-U as a student of Winter School 2016.**

As his topic at IITG was relating to biomass energy conversion technology, he was so interested in reaction kinetics of biomass and coal gasification studied as a laboratory work at Gifu-U and obtained an excellent result in a short period. I was impressed with his honest efforts and great talent.

* Professor Hayoshi KKOYAMA

**Your Japanese speeches at the closing ceremony were fantastic! No one believes you studied Japanese language only 18 hours. Well done, everyone! We visited Jhabuk performance and yelled “Mattemashita! (I have been waiting for you)!” to act a lot. It was very interesting, wasn’t it? We all look forward to seeing you again in Gifu. When you come back to Gifu University, I will say to you “Mattemashita!!” Bye for now and see you in Gifu.**

* Associate Professor Momoko TSUCHIYA

**Thank you for choosing our laboratory in this Winter School. I had a good opportunity to take care of Indian student that I have never supervised before as a foreigner.**

* Professor Takashi ITOH

**It was a very good experience for me to have the opportunity to live with foreign students. In addition to learning English, I could understand differences in culture, food, and lifestyle. Moreover, I got acquainted with foreign countries.**

* Professor Akiyoshi TAKENO

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* Associate Professor Momoko TSUCHIYA
Comments from Winter School Participants

- I have learnt a lot about Japanese culture as well as got some hands on experience of advanced lab equipment at Gifu University.
- I had a great time at Gifu University. All the events were perfectly managed and executed by the concerned authorities which was commendable. The research work was also really good. I got to learn a lot new things from this program which was my main motive.
- I learnt Japanese. Worked in a lab abroad even if it was for some time. And I was sponsored for my flight.
- As it really helped me in grooming myself on a personal level by providing me an opportunity to work with people from different cultural backgrounds.
- Before being a part of Winter School’16 I was in a doubt of whether I shall be able to get accustomed to the work, people and lifestyle of Japan but after my arrival at Gifu University, I felt like it was my second home. I thoroughly enjoyed my short stay in Gifu.
- I expected the tour to be a walk through the Japanese culture and less of the laboratory work but the schedule was apt and everything had been included in the 3 weeks duration.
- I have fulfilled all my reason to participate for winter school and I am very satisfied about it.
  - I’ve done three hands on lab instruments, have good discussions with my lab mates and lecturers.
  - I’ve learnt a lot of Japanese culture such as CHADO, Jikabuki, and Kimono. Not only that, I got the chance to improve my Japanese language. I got my own Japanese Language text books and senseis are all very polite and cheerful.
  - Classes were fun. Nihongo classes help me to survive in Japan, they were very helpful.
  - I also got the chance to meet a lot of people, from Indonesia, India and Japan. Making new friends and connection.