

Duration of Internship : 2015, 8, 24<sup>th</sup> – 9, 4<sup>th</sup>  
Name of Senior High School : SMA Negeri 3, Depok  
SMA Negeri 70, Jakarta  
Accommodation : Hotel Bumi Wiyata, Depok  
Evaluator : Sapto Ashardianto

Arrived at Soekarno Hatta International Airport at 17.00pm (2015, 8, 24<sup>th</sup>) after going through immigration, UI students who participated in Twinkle Trial Course program at Chiba University (June 2015) picked we up by using UI mini bus and took us directly to Hotel Bumi Wiyata, our accommodation while staying in Depok.

On the first day of Twinkle Program in UI (2015, 8, 25<sup>th</sup>) we visited Department of Electro, Faculty of Engineering UI and warmly greeted by Gunawan sensei as the head of department. Different from the last fiscal year Twinkle program, in this 2015 fiscal year program, Department Electro specially welcomed Twinkle program as the host department.

On the first day we took a brief campus tour around UI, mainly in faculty of Engineering UI and around central library, led by UI students.



Twinkle students visited Faculty of Engineering UI



Greeting from Gunawan Sensei as the Head of Dept Electro UI



UI Campus Tour with students from Dept Electro UI

Mock Lesson for UI students was conducted on the next day (2015, 8, 26<sup>th</sup>) facilitated by Prof. Dodi. Both students from unit I and unit J received feedback from students of Department Electro and also from Prof. Dodi. In overall, both group of students received decent feedback, however they still need to fix some grammar mistake and also the way of how they should give presentation to senior high school students, such as voice control and simple greeting in Indonesian language. After we finished the mock lesson, around at noon (1 pm) we made a pre-visit to SMAN 3 Depok to examine the facility of the classroom and also to consult with the PIC regarding our 2 days activity at SMAN 3 Depok .



Mock Lesson led by Prof. Dodi (1)



Mock Lesson led by Prof. Dodi (2)

Based on our agreement with the principal of SMAN 3, Depok, each group, both unit I and J would be conducted their science lesson for 2 classes only, involving one cultural exchange program, where Twinkle students taught Origami class and in exchange, students from SMAN 3 Depok taught Twinkle students to practice Indonesian traditional dance (Saman Dance, from Aceh).



Pre-visit to SMAN 3 Depok

### **Science Lesson at SMAN 3 Depok (2015, 8, 27<sup>th</sup> – 28<sup>th</sup>)**

Science lesson classes at SMAN 3, Depok, were conducted for 30-35 students from 12 grades. English was used as the medium of instruction. Both units conducted science lesson based on one of members' own research in Chiba University.

- Group I Topic: LED (Light Emitting Diode)
- Group J Topic: Artificial Intelligence

Below is the schedule:

10.15- 12.00 (Science lesson), 12.00-13.00 (Lunch Break), 13.00- 15.00 (Cultural Exchange program). Unit I taught IPA2 and 3, Unit J taught IPA4 and 5.



Unit I science lesson class, recorded by Journalistic Club from SMAN 3 Depok



Mr Matsumoto from Unit I facilitating students with their LED experiment



Unit J self introduction



Unit J facilitating students with games activity

In addition to the science lesson class, unit I and unit J also had the opportunity to share Japanese culture by holding Origami class, they delivered this session together. SMAN 3 students were really enjoyed this session; it can be seen from their excited expression while making origami.





Origami Class by Unit I and J

Coming to the unit I and J teaching reflection, based on what they observed during 2 days classes, students from SMAN 3 Depok were really excited to their science lesson, highly participative and actively follow their instruction. Twinkle students were successfully conduct their classes, not to mention support by UI Trial Course students which sometimes have to helped both unit I and J to gave instruction using Indonesian language.

The main difficulties that Twinkle students have to faced mostly due to the class facility and weather condition. SMAN 3 Depok do not have air conditioner, moreover projector also not equipped with a proper monitor. Due to that condition, students felt really tired and dehydrated and several slide presentation could not be shown clearly to high school students.



Twinkle students practicing Saman Dance with SMAN 3 students



Token of appreciation from Twincle Program



Photo session with SMAN 3 Depok Traditional Dance Club

## Second Week Program

On the second week of Twincle Program in Depok-Jakarta (2015, 8, 31<sup>st</sup>) we visited Department of Geography and made a pre-visit to SMAN 70, Jakarta. At Department of Geography, unit I and J gave a brief preview about their science lesson. Professors from Department of Geography who attended this presentation were really impressed to student's content of the lesson, yet in overall professors emphasized students need to improve their English, that's the main issue which both unit I and J have to overcome.



Visit to Department of Geography. Faculty of Math & Science



Visiting Department of Geography office

### **Science Lesson at SMAN 70, Jakarta (2015, 9, 1<sup>st</sup> – 2<sup>nd</sup>)**

SMAN 70 Jakarta is the second school that participated in Twinkle Program. In this school, both units conducted the same science lesson that they have delivered on the previous school, science lesson based on one of members' own research in Chiba University. Science lesson classes at SMAN 70, Jakarta were conducted for 24-35 students from grade 11 and 12. Compared with the previous school, in this school cultural exchange program (origami class) were conducted two times for grade 10 and 11.

Below is the schedule

10.05 – 11.45 (Science lesson), 12.00 – 13.00 (Lunch Break), 13.00-14.00 (Cultural Exchange program). Unit I taught 12 IPA3 and 4 and Unit J taught 12 IPA2 and 11 International class.

On the first day (2015, 9, 1<sup>st</sup>), science lesson could not be started exactly at 10.05 due to several obstacles. Due to the bus delay in the morning, far distance of the location and also heavy traffic in the morning, eventually we arrived at SMAN 70 at 10.00 and started the lesson at 10.20 because students need to prepare their lesson materials first. However, as both units I and J had already been informed that they need to finish the lesson before 12.00, both unit conducted their lesson sharply and eventually finished before 12.00.

In this high school, apparently unit I and J had different impression about their lesson on the first day. According to unit I teaching reflection, students at SMAN 70 have high capability to understand their science lesson. This could be seen through student's answer and question when unit I asked the students during their lesson. With this teaching environment, lesson could be conducted smoothly and unit I was delighted with their overall lesson.



Mr Tomoro from Unit J giving activity instruction



Unit J science lesson



Unit I presentation





Mr Matsu and Mr Kazu helping students with their experiment

On the other hand, unit J had some difficulties to handle their first class at SMAN 70. Lack of student interest in the lesson significantly made unit J first lesson at SMAN 70 was not really successful according to them. To exacerbate, this was also occurred due to unit J lack of ability in giving detail instruction through English medium when they tried to improvise and changed the way to conduct their activity. However, on the second day at SMAN 70 (2015, 9 2<sup>nd</sup>), as unit J return their activity instruction following their previous attempt at SMAN 3 Depok, eventually unit J successfully delivered their lesson.

Similar like in SMAN 3 Depok, in SMAN 70 both units I and J hand in hand delivered Origami class to grade 10 and 11. In this session, SMAN 70 students not only learned about how to make different type of origami art, but they also learned the origin of Origami, as unit I and J also explained briefly about the history of Origami. Through this activity, not only SMAN 70 students gain new knowledge regarding Japan Culture, but unit I and J also became more appreciate about their own Japanese heritage and feel the urge to understand and study more about it.



Origami Class by Unit I and J

On the last day at SMAN 70, after finishing origami lesson both unit I and J then learned another Indonesian traditional dance, taught by SMAN 70 students. At

this time, unit I and J had the opportunity to practice “Tari Piring” or literally could be translated as Plate Dance, which originally come from West Sumatera.



Practicing Tari Piring



### **Final program at Department of Electro (2015, 9, 3<sup>rd</sup>)**

On the last day program at UI, unit I and J conducted their final presentation, only Prof Dodi, professor who could attend this final presentation. UI students were also present in this final presentation. Following the final presentation, Twinkle students met Vice Dean of Faculty of Engineering and then enjoyed the farewell party program organized by students from Department of Electro.



Final Presentation led by Prof Dodi



Meeting Vice Dean of Faculty of Engineering



Games Activity



Closing speech by Prof Gunawan



Exchanging present