JOINT WORKSHOP for GLOBAL ENGINEERS in ASIA (JWGEA) – REFLECTING ITS’s JOURNEY –

APAIE 2018 SINGAPORE
Dr. Maria Anityasari
VISION:
Towards a world class research university

# MoUs & MoAs:
More than 150 in 2014 when the JWGEA started

EXPECTATION:
To have active & closed collaborations with university partners in real activities
Expectation & Positive Outcomes

Current Strategies

Challenges for Sustainable Collaboration
Having an active, close, respectful collaboration

Stirring up internationalization for research students

Increasing competencies of research students
CURRENT STRATEGIES

- Allocating funding for students & lecturers - selecting students
- Combining JWGEA with CommTECH IDEAS - enhancing the interaction among students
- Creating Research Students Enrichment Program - increasing competencies
**COMBINING PROGRAMS**

**JWGEA – Welcome Dinner**

**CommTECH IDEAS – Keynote, Plenary, Presentation, Poster, 3MT & 3MI Competition**

*Tuesday, 25 July 2017*

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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| 09.00 - 11.00 | Panel Session
- Exploring Opportunities with Ritsumeikan University, Japan
- Building Innovation & Academic Culture at Universiti Teknologi Malaysia
- Research Edge at KMUTT, Thailand
- ITS Progress toward World Class University |
| 11.00 - 12.00 | Poster Session                                                            |
| 12.00 - 13.00 | Lunch                                                                     |
| 13.00 - 15.00 | 3MT Competition                                                           |
| 15.00 - 16.30 | Closing of CommTECH Idea and Award Announcement                           |
| 16.30 - 18.00 | Soft Skill Development and Traditional Games                              |
| 07.30 - 09.00 | Trip to Kampung Herbal Genteng Candirejo, Surabaya                         |

*Wednesday, 26 July 2017*

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<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>09.00 - 12.00</td>
<td>Heritage Track Surabaya City Tour (House of Sampoerna, Heroes Monumen Museum)</td>
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<tr>
<td>12.00 - 13.00</td>
<td>Lunch</td>
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<tr>
<td>13.00 - 16.00</td>
<td>Batik Making</td>
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**JWGEA – Soft skills Development, City Tour, Batik Making, Industry Visit, & TWIL**
Before the dinner participants were divided into several groups (5-6 person each)

Each group consists of participants from different universities

Each participant was asked to write their expectation of the city, the people, the program

Each group was asked to group the expectations, find the similarities, & discuss how to achieve the expectations

Each participant was given 3 colored papers, each was dedicated to answer one question.

Participants were encouraged to interact & spend time together
Closing Lunch – That’s What I Learnt (TWIL)
Participants were asked to seat in their own group.

Each group were given a TWIL form to fill in.

Each group discussed the TWIL form.

Moderator asked the representative of each group to point out the important issues to the forum.

All statements in the form have been discussed by the group.

Conclusion were derived from the sharing.
• The history of Surabaya is interesting (Suro – Boyo, heroic battles)
• Intense traffic every where, traffic jam, congested
• Making batik is really interesting
• Cheng Ho mosque is really interesting
• The local foods are interesting, delicious, & acceptable
• The toilets are not pleasant
• Waste burnings are everywhere, some problems with environment
• Surabaya city mayor is one of the top 50 major in the world
• Surabaya has big giant malls but also traditional housing (joglo)
• There are many cats & mosquitos
• We have no beer, no hot water
• People like to ride motorcycles
• People are proud of their history to achieve independence
• People are hardworking & united to achieve the goals
• Drivers can drive skillfully
• Surabaya people are very religious, sincere, nice, organized person
• Surabaya people are patriotic to their city
• Indonesian people is friendly & talkative, so kind & smile a lot
• Students’ wear rich & colorful uniform
• Indonesian people can speak English but sometimes it is hard to understand
• Everyone try hard to improve their environment & daily life
• It is interesting that the poster session is organized outdoor/outside
• We got to know the people lifestyle by the city tour
• TWIL at the start & the end was interested
• A good program to meet foreigners, find new research ideas, improve confidence in speaking English, learn from other country & culture
• We can make new friends, exchange knowledge, share story of our own country & university, know the strengths of every university
• We can learn a lot of information from the research presentation of other students
• We learnt that companies in Indonesia are different from Japanese companies
• We learn to apply what have been done in the industry
• The schedule was so tight, not enough rest, need more free time
• The parallel presentation didn’t give us chance to listen to other presentation
• Buddy should take the participants to experience local culinary
• Mix all participants during the tour
• Prepare cleaner bathrooms
• Mix participants from different countries in the dormitory
• We need more group work & group time
• Every group should have members from each country
• Invite more country to join the program
• Got some ideas to improve research
• Better promote JWGEA to other faculties & students
• We can do better in our research
• We could be more friendly/open to others
• We need to improve our English skills
• I have to know the knowledge about religion & cultures
• We have to improve our presentation & language skills
• We have to keep in touch/continue the connection through FB, Line, WA
• I need to improve our method to better explain about my research
• To do more kindness/good deed to other people
• Improve our interpersonal skills
• Keep a heart to challenge
CURRENT STRATEGIES

Allocating funding for students & lecturers – selecting students

Combining JWGEA with CommTECH IDEAS – enhancing the interaction among students

Creating Research Students Enrichment Program – increasing competencies
RESEARCH STUDENT ENRICHMENT PROGRAM (RSEP) 2018

Who can apply?
Final year Bachelor (S1), Master (S2) and Doctoral (S3) students of ITS.

What are the requirements?
1. Application Form (http://ITSApplication.com)
2. Paper and PPT related to previous research
3. Commitment Letter (City/ITS, Commitment)
4. Recommendation Letter by Head of Laboratory
5. CV
6. Motivation Letter
7. Passport (held at least 1 year more)
8. English Language Certificate (minimum score of TOEFL PBT 550/TOEFL IBT 65/IELTS 5.5)
9. English Academic Transcript (minimum GPA for final year Bachelor students: 2.7, for Master and Doctoral Students: 3.0)
10. Abstract of RI

What are the steps of this program?
1. Registration
2. CommTECH Ideas Competition
3. CommTECH Ideas Competition
4. CommTECH Ideas Competition

RSEP SEMINARS

BATCH 1

April 19th, 2018
Prof. Eric Venceslas
University of Lyon, France

CommTECH IDEAS COMPETITION

This brand new CommTECH Ideas Competition is a student competition which invites students and young researchers of ITS (S1, S2, S3) to come and share knowledge and ideas to solve real problems in society with multidisciplinary approaches. This competition will provide opportunity for students who are willing to practice for international conference in the form of 3-Minute Innovation Idea (3MI) or 3-Minute Thesis (3MT) presentation.

CommTECH Ideas Competition is also a selection platform for students who are willing to apply for JWEA at Ritsumeikan University, Japan and Strategic Partnership Forum: Linking the Engineering Colleges in Asia at National Cheng Kung University (NCKU), Taiwan.

Keynote Speaker:
Dr. Eng. (Dra.) Iwan P. Robia, M.T.

Topics:
- Architecture
- Environmental Engineering
- Biology
- Renewable Energy
- Chemical Engineering
- Medical Science
- Chemistry
- Information Technology
- Civil Engineering
- Robotics
- Electrical Engineering
- Mechanical Engineering
- Manufacturing Engineering
- Engineering Physics
- Mathematics
- Materials Science
- Mechanical Engineering
- Urban and Regional Planning
- Computer Engineering

Eligibility: Participated in RSEP Seminar
Program Fee: IDR 200,000,-
Involving more lecturers – creating more impactful but still general event

Different facilities to offer – limited budget

Change in internal management – lacking of personal relationship
Thank you
Terima kasih
Arigatou gozaimasu