The Strength and Challenges for Promoting Mobility via a Close-Network

Joint Workshop for Global Engineers in Asia (JWGEA)

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APAIE 2018 Conference & Exhibition | The Impact of the Fourth Industrial Revolution on Higher Education in the Asia Pacific | 25 to 29 March 2018

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Joint Workshop for Global Engineers in Asia (JWGEA)
The list of benefits - Internationalisation

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**Student perspective**

- Enhance employability and competitiveness (Kuznetsov and Kuznetsova, 2011)
- Develop cross-cultural understanding and communication skills, deepen one’s perspective on current issues facing the world, strengthen foreign language skills, and cultivate an interest in further contact with other cultures and peoples (Norris and Gillespie, 2009)

**Employer perspective**

- Cultivate human resources for internationally oriented labor market (Stronkhorst, 2005)
- Develop talent with high level expertise (Teferra, 2005)

**Gov and university perspective**

- Achieve prestige, talent, revenue and institutional development (Patterson, 2005; Rui Yang, 2008; KH Mok, 2008; Long, 2010; Department of Business Innovation and Skills UK, 2011 and SW Ng, 2011, among others)
- Shape teaching strategies, departmental structures, curriculum development and establishment of international collaboration (Demir, Aksu and Paykoç, 2000)


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Feedbacks - JWG EA

Network
Technical Tours
Communication
Multicultural
Academics
Research
Food
Logistics

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Q1

I have joined JWGEA in the year

Answered: 40  Skipped: 0

- 2014 UTM
- 2015 Japan Ritsumeikan...
- 2016 KMUTT Thailand
- 2017 ITS Surabaya

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Q2

I am a

Answered: 40  Skipped: 0

Undergraduate student  
Postgraduate student  
Staff

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

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Q3

I found the program most beneficial in terms of

Answered: 40    Skipped: 0

Networking & Friendship
Multicultural immersion
Research collaboration
Further study & Exchange...
None of above

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Q4

The major outcome of joining JGWEA is:

- Exchange/Internship
- Visit the students
- Further study
- Research collaboration

With Partner Universities

Answered: 38  Skipped: 2

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Q5

The program motivated me to explore more about study abroad

Answered: 40  Skipped: 0

Agree  34 (85.00%)
Netural
Disagree
Q6

The program motivated me to explore more on working abroad

Answered: 40  Skipped: 0

- Agree: 28 (70.00%)
- Neither agree nor disagree
- Disagree
Q7

The program is well-designed in terms of academic activities

Answered: 38    Skipped: 2

![Bar chart showing the distribution of responses.]

- Agree
- Neither agree nor disagree
- Disagree

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The program is well-designed in terms of technical tours

Answered: 40   Skipped: 0

- Agree
- Neither agree nor disagree
- Disagree

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The program is well-designed in terms of student interactions

Answered: 40  Skipped: 0

- Agree: 100%
- Neither agree nor disagree: 0%
- Disagree: 0%
Q10: The Program can be improved in terms of:

- Interaction
- Research
- Tours
- Mobility
- All Good
- More universities
- More days
- Logistics
Challenges

1. Gap of interactions
2. Sustainable Impacts – Lack of Research Collaboration
3. Financial sustainability (no fee, subsidized accommodation)
4. High Expectation – Accommodation
5. Hospitality vs. Sensitivity

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Conclusions: Way Forwards

• >70% positive feedback for most aspects
• Sustainability - Research Collaboration-matching sessions
• Short-term Project-based Program to improve interactions among participants
• To invite more universities to join
• Re-think financial sustainability system E.g. Basic Fees
• Strengthening Technical Tours

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