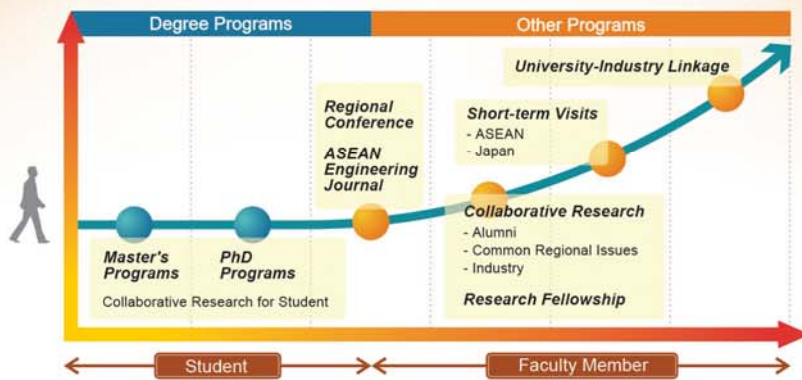


◆ Long-term Academic Support ◆



◆ Timeline ◆



◆ 10 Engineering Fields ◆

10 Engineering Fields accommodating program activities at Member Universities include:

- | | |
|---|--|
| 1 Chemical Engineering | 4 Materials Engineering |
| 2 Civil Engineering | 7 Mechanical & Manufacturing Engineering |
| 3 Computer and Information Engineering | 8 Energy Engineering |
| 4 Electrical & Electronics Engineering | 9 Environmental Engineering |
| 5 Geological and Geo-Resource Engineering | 10 Natural Disaster |

◆ Contact Information ◆



AUN/SEED-Net **jica**

JICA Project Office for AUN/SEED-Net
Room no. 109-110, Building 2, Faculty of Engineering,
Chulalongkorn University, Bangkok 10330 THAILAND
Tel. (66-2) 218-6419 fax. (66-2) 218-6418

Website: www.seed-net.org
facebook: <https://www.facebook.com/aunseednet>

Printed in May 2016.



AUN/SEED-Net **jica**

AUN/SEED-Net

Network of 40 Engineering Universities in ASEAN and Japan



ASEAN University Network / Southeast Asia Engineering Education Development Network (AUN/SEED-Net)

AUN/SEED-Net was established in 2001 with its vision to contribute to sustainable social and economic development through highly skilled human resource development in engineering field. The network and its program activities are supported by ASEAN Governments and the Government of Japan through Japan International Cooperation Agency (JICA).

1 Graduate Degree Program

To develop capacity of the academic staffs, Graduate Degree Program targets young professionals who wish to further their graduate study and become faculty members at Member Universities.

Program	Duration	Duration				Institution
		1st year	2nd year	3rd year	4th year	
Master's Degree	2 years	ASEAN University				Host Institution in ASEAN + Support from Japanese Supporting Universities
Doctoral Degree Sandwich	3 years	ASEAN Univ.	Japanese Univ.	ASEAN Univ.	(Short-term Study in Japan max 8 months)	
Integrated Graduate Degree	4 years	Direct PhD Master's → Upgraded PhD (Short-term Study in Japan max 10 months)				Host Institution in Singapore
Doctoral Degree in Singapore	4 years	University in Singapore				
Doctoral Degree in Japan	3 years	University in Japan				Japanese Supporting Universities

Number of Scholarship Awarded by AUN/SEED-Net (Total: 1,183)



Project Purpose & 4 Expected Outputs

A region-wide system for advanced research and education will be established by Member Universities in collaboration with Japanese Supporting Universities.

Capacity Development of academic staffs in Member Universities

Addressing common regional issues through research activities

Academic networking among Member Universities in ASEAN and Japan

Linkage between universities and industrial sectors



▲ The graduates from Cambodia, Lao PDR, and the Philippines on their Commencement Day in Thailand (Chulalongkorn University)



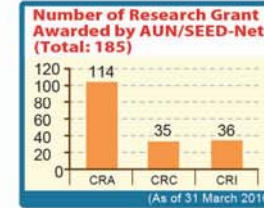
▲ Students in Malaysia (Universiti Sains Malaysia)



▲ Myanmar student in the Philippines (De La Salle University)

2 Research Program

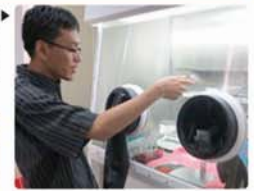
Collaborative Research Programs support AUN/SEED-Net ongoing students, alumni, and faculty members to conduct research which aims at contributing to addressing regional challenges and bridging industry with academic arena.



Collaborative Research for ongoing AUN/SEED-Net Students CR	Research grant during scholarship period
Collaborative Research for Alumni Members CRA	Research Grant for 2 years
Collaborative Research for Common Regional Issues CRC	Dispatchment of Japanese co-researcher
Collaborative Research with Industry CRI	

CRA - Dr. Rinlee Butch M. Cervara, University of the Philippines Diliman

Research Topic: Synthesis and characterization of novel nanogained lithium cobalt oxyhydroxide as cathode for rechargeable lithium ion batteries



CRC - Dr. Pich Bunchoeun, Institute of Technology of Cambodia

Research Topic: Application of community-based arsenic removal unit for provision of safe water in affected provinces of Cambodia and Laos



CRI - Dr. Ika Dewi Ana, Universitas Gadjah Mada, Indonesia

Synthesis of Carbonate Apatite Composite Bone Graft, Its Degradation Profile, Cellular and Inflammation Response in Animal Model, Osteoconductivity, and Initial Clinical Trial Towards Product Spinning-off



3 Mobility, Networking, and Knowledge Sharing

AUN/SEED-Net creates opportunities of knowledge sharing by mobilizing human resources and networking among academic staffs of Member Universities in ASEAN and Japan through short-term visits and fellowship programs.

Research Fellowship RF	Short-term Visit Program in ASEAN SVAS
Short-term Research Program in Japan SRJP	Japanese Professor Dispatch Program JPPDP

ASEAN Engineering Journal **AEJ**

To be a platform for engineering scholars and researchers to publish knowledge from research findings in ASEAN countries



Regional Conference **RC**

International academic conference, a forum to present research work of ASEAN and beyond



4 University-Industry Linkage

AUN/SEED-Net promotes the linkage between universities and industries by organizing following activities:

Intensive Training on Promotion for University – Industry Linkage U-I Training
Intensive Course on Management of Technology MOT
Seminar on University – Industry Linkage
Directory to introduce engineering department of Member Institutions

▼ MOT Course in Malaysia



▼ Seminar on University-Industry Linkage in Jakarta



▼ Directory

