



AUN/SEED-Net



Call for Applications

**Research and Education Grant for the University Consortium
(REd-UC)**

Japanese Fiscal Year 2023

ASEAN University Network

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

Released in March 2023

Table of Contents

1. About AUN/SEED-Net	1
2. Program Concept	1
3. University Consortium Composition and Responsibility	2
4. Grant Amount	3
5. Cost Sharing and Cost Efficiency	3
6. Implementation Period.....	3
7. Research-Education Areas	3
8. Intellectual Property Rights (IPRs)	4
9. Application Process.....	4

1. About AUN/SEED-Net

Since its establishment in 2001, the ASEAN University Network/Southeast Asia Engineering Education Development Network (AUN/SEED-Net) has proved to be successful in enhancing the education and research capacities of academic staff in ASEAN member states, fostering a network of quality higher education in engineering, and strengthening university-industry relations in the region. Currently, AUN/SEED-Net is co-managed by the AUN Secretariat (AUN) and Japan International Cooperation Agency (JICA), focusing on the following objectives:

- 1) To nurture internationally competitive personnel with multicultural awareness through academic cooperation among leading higher education institutions for engineering, in the ASEAN and Japan; and
- 2) To advance the education and research capacities of leading higher education institutions for engineering in the region through collaboration and solidarity between institutions and industrial sectors in the ASEAN and Japan.

2. Program Concept

AUN/SEED-Net has implemented a variety of academic programs in the past 20 years, such as scholarship programs, collaborative research programs, mobility programs, regional conference programs, and so on. Among them, the Collaborative Education Program (CEP) implemented in Phase IV has proven that university/industry consortium support is effective in achieving the objectives of AUN/SEED-Net.

The CEP program encouraged AUN/SEED-Net Member Institutions to form a consortium among academic institutions and industrial partners in the ASEAN and Japan, who share common educational and research interests. They utilized their expertise to design and conduct educational activities to expand the sustainable network for various research and/or education activities. Following the success of the CEP, AUN/SEED-Net has initiated a new program, entitled Research and Education Grant for the University Consortium (REd-UC) with the aim of leveraging and expanding the sustainable network for various research and/or education activities. The program is expected to promote and strengthen high-level human resource development in interdisciplinary engineering in the ASEAN, Japan, and beyond.

Under the REd-UC, although Member Institutions are still required to form a consortium among academic institutions and industrial partners in the ASEAN and Japan, the program shifts its focus from scholarship and joint/double degree programs to collaborative research projects and/or other feasible educational activities. The expected outputs and outcomes of the collaborative research projects and/or other feasible educational activities could be various and should sustain into the future to achieve community, financial, and organizational sustainability.

3. University Consortium Composition and Responsibility

- 1) The consortium under REd-UC comprises four member types: ASEAN Universities, Japanese Universities, Other Universities, and Industry, referred to as entitled Member Types A, B, C, and D, respectively.
- 2) In a consortium, there can only be one Member Type A, whereas the number of other types is unlimited. Membership eligibility is mandatory as shown in the following table.

Member Type	Eligibility	Quantity
Member Type A (ASEAN University)	AUN/SEED-Net Member Institutions with an engineering discipline, except those in Brunei and Singapore ¹ . For the list of AUN/SEED-Net Member Institutions, refer to Annex 1 .	1
Member Type B (Japanese University)	Any Japanese Partner University (JPU) and other universities which intend to become JPUs. For the list of Japanese Partner Universities, refer to Annex 2 .	Minimum 1
Member Type C (Other University)	Any university in the ASEAN, South Asia, and Africa with a strong will to contribute to AUN/SEED-Net in the long term. At least one university must be from a different country to Member Type A. <i>Universities in South Asia and Africa are preferable.</i>	Minimum 1
Member Type D (Industry)	Any non-university organization including research institutions, government agencies, and industry. <i>A Japanese industry is preferable.</i>	Minimum 1

- 3) All member types are fully committed to delivering the expected outputs and contributions described in the application documents.
- 4) Member Type A takes the lead as a single point of contact and administration between the consortium and AUN/SEED-Net. In addition, Member Type A commits to the timely delivery of the following tasks.

¹ Singapore and Brunei are not permitted to receive financial assistance under Japanese Official Development Assistance (ODA) through JICA.

Timeline	Document	Meeting
April– June	Contract	Kick-off Meeting (Only in the first year of implementation)
August–November	<ul style="list-style-type: none"> • Technical Report • Interim Report 	Periodic Meeting
December–February	<ul style="list-style-type: none"> • Technical Report • Interim Report 	Periodic Meeting

4. Grant Amount

A ceiling of USD 38,000 per consortium x six consortiums

The consortium can freely allocate a grant for up to three contracts separately for each Japanese fiscal year starting April 2023, 2024, and 2025. The maximum ceiling for budget allocation per fiscal year is USD 16,000.

For details, refer to the [Financial Guidelines](#) on the Research and Education Grant for University Consortium (REd-UC).

5. Cost Sharing and Cost Efficiency

Cost sharing between AUN/SEED-Net and a consortium is one of the primary qualifications of an applicant. It is mandatory for a consortium to be readily equipped with a financial contribution from any of the consortium members and/or any other sources.

With the co-financing policy, the applicant must demonstrate how the consortium is cost-efficient yet financially sustainable, not only during the program but also after the end of the implementation period.

6. Implementation Period

From the date specified as the beginning of the contract between an awarded consortium and AUN/SEED-Net, **until December 2025**.

7. Research-Education Areas

With funding from AUN/SEED-Net, the consortium under the REd-UC autonomously designs and conducts various **research and/or education activities at postgraduate level or above**, ranging from collaborative research to joint educational programs, conferences, co-journal publications, or mobility exchanges focusing on **interdisciplinary engineering that incorporate the knowledge and skills associated with social sciences and humanities**. AUN/SEED-Net will prioritize the consortium proposals that clearly link to, complement, or support its existing operations in the ASEAN and Japan, for example, green technology, climate change, etc..

8. Intellectual Property Rights (IPRs)

A written agreement shall be made between REd-UC consortium members and other concerned parties involved with the program. Agreements must stipulate the following:

- 1) Rights and ownership to all intellectual property generated by research activities in the REd-UC program, such as patents, trade secrets, and copyrights shall be vested in REd-UC consortium members and other concerned parties.
- 2) Only with the written consent of all parties involved in the research will AUN/SEED-Net and other Member Institutions be allowed the right to use intellectual property for academic, networking, and publication purposes.
- 3) REd-UC consortium members and other concerned parties are expected to contribute part of the revenue generated by IPRs resulting from the funding to AUN/SEED-Net. The details of which shall be discussed and agreed upon among concerned parties.
- 4) REd-UC consortium members shall bear full responsibility for any part of the activities or outcomes produced by the REd-UC program to ensure they do not infringe upon the IPRs of other parties. In this regard, AUN/SEED-Net shall bear no responsibility for any disputes or claims on IPRs relating to the REd-UC program.
- 5) REd-UC consortium members agree that AUN/SEED-Net has the right to use photographs of persons engaged in activities under the REd-UC program for advertising, promotional, or PR purposes and reporting without prior consent from such individuals.

9. Application Process

- 1) Member Type A must complete the online application by **April 28, 2023**, at [here](#).
- 2) The following documents must accompany the online application:

Document	Template
Form A: Endorsement letter from Member Type A	Download
Form B: Consent letter from each consortium member	
Form C: Research and/or education project proposal	
Form D: Budget plan	
Form E: Cost sharing commitment	
CVs for all members	No templates

- 3) Submitted applications will be reviewed by the AUN/SEED-Net-appointed selection committee based on the completion of the documents as well as their pertinence to AUN/SEED-Net's objectives set out on page 1, and fulfillment of the following criteria:
 - Cost sharing and cost efficiency indicated in Section 5

- Participation of Japanese private companies
- Addressing priority issues and the societal impact indicated in Section 7
- Strengths of consortium partners
- Feasibility and efficiency in academic program design

-END-

For inquiries, please contact contact@aun-seed.net

Annex 1

List of AUN/SEED-Net Member Institutions

Brunei Darussalam	<ul style="list-style-type: none"> • Universiti Brunei Darussalam (UBD) • Universiti Teknologi Brunei (UTB)
Cambodia	<ul style="list-style-type: none"> • Institute of Technology of Cambodia (ITC)
Indonesia	<ul style="list-style-type: none"> • Institut Teknologi Bandung (ITB) • Institut Teknologi Sepuluh Nopember (ITS) • Universitas Gadjah Mada (UGM) • Universitas Indonesia (UI)
Lao PDR	<ul style="list-style-type: none"> • National University of Laos (NUOL)
Malaysia	<ul style="list-style-type: none"> • University of Malaya (UM) • Universiti Putra Malaysia (UPM) • Universiti Sains Malaysia (USM) • Universiti Teknologi Malaysia (UTM)
Myanmar	<ul style="list-style-type: none"> • University of Yangon (UY) • Yangon Technological University (YTU)
Philippines	<ul style="list-style-type: none"> • De La Salle University (DLSU) • Mindanao State University-Iligan Institute of Technology (MSU-IIT) • University of the Philippines-Diliman (UP)
Singapore	<ul style="list-style-type: none"> • Nanyang Technological University (NTU) • National University of Singapore (NUS)
Thailand	<ul style="list-style-type: none"> • Burapha University (BUU) • Chulalongkorn University (CU) • Kasetsart University (KU) • King Mongkut's Institute of Technology Ladkrabang (KMUTL) • Thammasat University (TU)
Vietnam	<ul style="list-style-type: none"> • Hanoi University of Science and Technology (HUST) • Ho Chi Minh City University of Technology (HCMUT)

Annex 2

List of Japanese Partner Universities

Hokkaido University
Kelo University
Kyoto University
Kyushu University
Nagoya University
Nara Institute of Science and Technology
Osaka University
Shibaura Institute of Technology
The University of Kitakyushu
The University of Tokyo
Tohoku University
Tokai University
Tokyo City University
Tokyo Institute of Technology
Toyohashi University of Technology
University of Tsukuba
Waseda University
Yokohama National University