









Community Development as the Living Lab: Case of Siam University to achieve SDGs

Pornchai Mongkhonvanit, Siam University

Chair

Internationalization and Diversity at International College in Thailand

Yhing Sawheny, Siam University

Chair



Platinum Sponsor















Community Development as the Living Lab: Case of Siam University to achieve SDGs

Pornchai Mongkhonvanit President, Siam University www.siam.edu pornchai@siam.edu

Case studies of Asia



- Climate crises
- Dangerous spot in the City
- Demographic change /Aging society
- Cultural soft power
- Equality and Peace
- Transform and Reinvent Education
- Youth empowerment and participation
- Activities
- Ranking



Fight against land erosion and climate crises









Work with the District Authority to develop the area under flyover to develop pocket garden and artistic zone













UNITED NATION'S INTERNATIONAL DAY OF PEACE

The U.N. theme of this year is "Actions for Peace:
Our Ambition for the Global Goals"

21 September 2023 at Siam University Auditorium, 19th floor, 19th Building Timing 13:00 -15:00

Hosted by: Siam University and Master of Arts in Peace Studies and Diplomacy Program











Transform and Reinvent Education Sustainability expo @ QSCC

















THE STUDENT LEADERSHIP CAMP TOPIC

"GLOBAL CITIZENSHIP EDUCATION THROUGH
INNOVATION AND PARTNERSHIP"
GREAT LEADERS FOR A GREAT NATION

27 MARCH - 02 APRIL 2023

BUILDING 19 FLOOR 4, ROOM NO: 19-403 SIAM UNIVERSITY



Student Leadership Program 2023 offers Universities students the opportunity to undertake a challenging extra-curricular program for a period of seven days, from 27 March – 02 April 2023 with the participation of Asia Cooperation Dialogue University Network (ACD-UN) and Siam University, Thailand. This program will provide different activities to engage students in global citizenship education and provide an avenue to explore leadership, critical thinking, entrepreneurship, and Innovative ideas. Activities will include an introduction to the critical aspects of cultural diversity and entrepreneurial engagement as well as sharing mutual perspectives through discussions and presentation.

Program

27 March Day 1 Transfer to Hotel

28 March Day 2 Warm welcome to all participant

"Global Citizenship Education 'Key for Peaceful World", and Icebreaker activities

29 March Day 3 "The role of universities in realising incisiveness and resilience in a global society"

30 March Day 4 National Sustainability museum visits

31 March Day 5 Group presentations and certificate

01 April. Day 6 Pattaya Exploring Trip Mini Siam (Pattaya Sightseeing)

02 April Day 7 Travel to Beautiful Yacht to watch Amazing sunset







KEY CONTACT AND REGISTRATION

For information from Siam University side please contact:

Ms. Yhing Sawheny (Sonia)
Deputy Director for Int. Affairs
Siam University
Email: yhing@siam.edu

Ashutosh Mishra (Ashu) International Affairs Officer Siam University ashutosh.mis@siam.edu





Global Citizenship Education through Innovation and Partnership" Student leadership camp from 27th March – 03rd April, 20 students joined from 10 countries



- 20 Students from 10 different countries joined this year
- Last year 2022, 48 students from 19 different countries joined the camp



Rankings













50 Countries

- 1. Afghanistan
- 2. Bangladesh
- 3. Bhutan
- 4. Cambodia
- 5. China
- 6. India
- 7. Iran
- 8. Japan
- 9. Myanmar 11. Pakistan
- 10.Nepal
- 12. Philippines
- 13. South Korea
- 14. Sri Lanka
- 15. Syria
- 16. Taiwan
- 17. Thailand
- 18. Turkey
- 19. Turkmenistan
- 20. Vietnam

- 21.Austria
- 22. Belgium
- 23. Czech Republic
- 24. Finland
- 25. France
- 26. Germany
- **27.** Italy
- 28. Netherlands
- 29. Norway
- 30. Sweden
- 31. Switzerland
- 32. United Kingdom
 - 33. Canada
 - 34. Jamaica
 - 35. United States

- 36.Cameroon
- 37. Djibouti
- 38. Ecuador
- 39. Ethiopia
- 40. Guinea
- 41. Ivory Coast
- 42. Kenya
- 43. Liberia
- 44. Niger
- 45. Nigeria
- 46. Sierra Leone
- 47. Somalia
- 48. South Africa
- 49. Uganda
- 50. Zimbabwe























International Cultural Night 2023

International Cultural Night was organized by International Students, on 5th Nov, 2023. The main aim was to build harmony among students and to open a place to show their tallents. In this International night, students performed with songs, dramas and cultural show, representing students from 48 nationalities.

WELCOME





Potluck parties

International Students bring their country foods and enjoy different cultures in university. There were students from more than 20 countries during this potluck party.









Cultural Functions

Iftar party is organized by students/staff to celebrate Iftar occasion.







Community Service/CSR Trips

Annual CSR trip is arranged to enhance students knowledge on CSR as well as to help students to understand about society, social needs and to transform students' mind set to a social worker., Donation was made to Moo Baan Dek (Children's Village School) in Kanchanaburi. Monetary and other essential goods were donated.

Thingyan" which is called Myanmar new year

International Students' Club, and Myanmar Community organized an event to celebrate "Thingyan" which is called Myanmar new year. The event is a regional event, and specially Thailand (Songkran), Laos, Cambodia, Myanmar, Sri Lanka are the countries which is officially declined 13, 14th April as official holidays to celebrate the event.











Capacity Building Programs

Student trip arranged (2023 Dec) to Rajburi area and main purpose of this trip to build the capacity of Inter. Students, and team building activities.

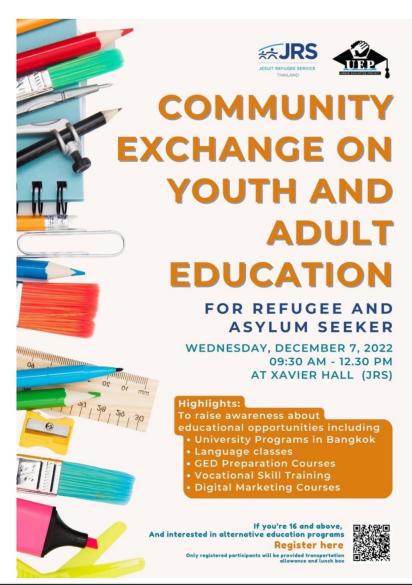
SU Work with UNHCR to help asylum seekers to get education

SU attending Community Exchange on Youth and Adult Education for refugee and asylum seeker organized by Jesuit Refugee Service - JRS Thailand

Date: 7 December 2022







SU Alumni - Ms. Ayesha Siddique attending 3C Forum Thailand

- Inclusive Higher Education for Refugees

Date: 01 December 2023













You are cordially invited to participate in the upcoming

7th 3C Forum: Inclusive Higher Education for Refugees



1 December 2023 (9:00 am - 5:00 pm) at Mahidol University, Salaya, Bangkok



Initial Discussions with UNHCR representatives







SU attending Urban Refugee Education Fair organized by Jesuit Refugee Service - JRS Thailand

Date: 01 March 2024



















https://www.unhcr.org/asia/news/stories/education-helps-refugees-beat-od

SDG reports





Siam university SDG 2018-2020 Report



Siam university SDG 2020-2021 Report















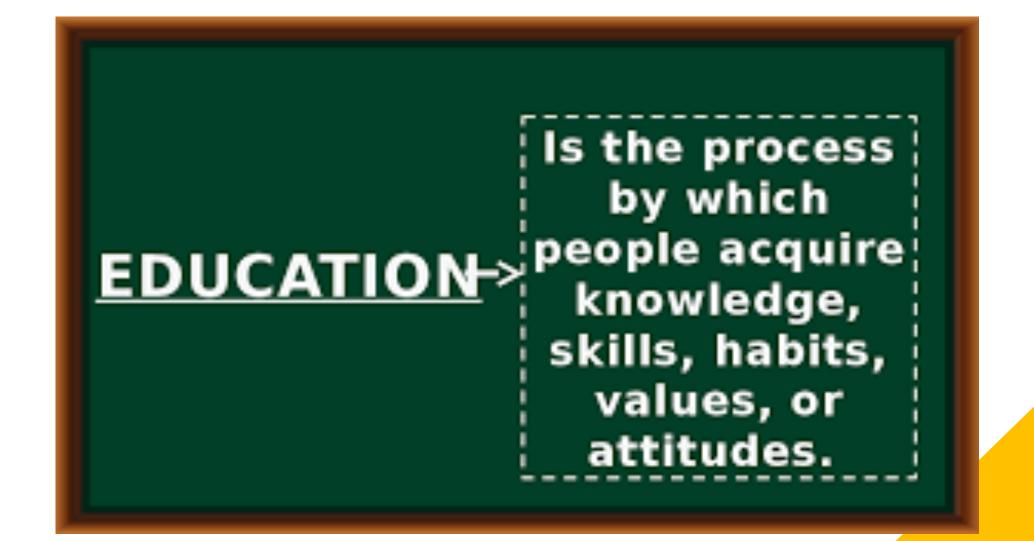
Internationalization and Diversity at International College in Thailand

Ms. Yhing Sawheny Deputy Director, International Affairs Siam University











UNESCO'S Global Action Programme (GAP) on ESD

'ESD allows every human being to acquire the knowledge, skills, values and attitudes that empower them to contribute to sustainable development and take informed decisions and responsible actions for environmental integrity, economic viability, and a just society for present and future generations.

[...] ESD promotes skills like critical thinking, understanding complex systems, imagining future scenarios, and making decisions in a participatory and collaborative way.' (p. 33)

UNESCO (2014) Roadmap for Implementing the Global Action Programme on Education for Sustainable Development. Paris: UNESCO. Available at http://unesdoc.unesco.org/images/0023/002305/230514e.pdf

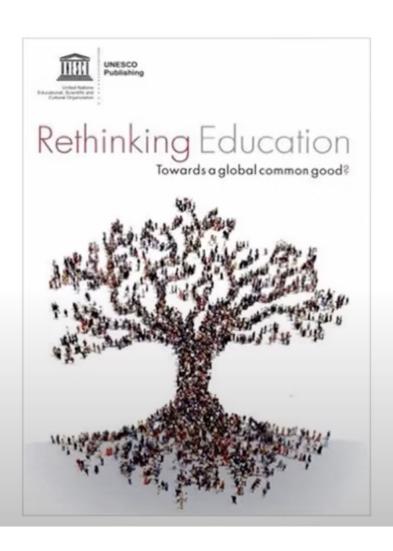
Goal 4: Quality Education



Goal 4 of the SDGs, 'Ensure inclusive and quality education for all and promote lifelong learning'

Target 4.7: by 2030, ensure that 'all learners acquire the knowledge and skills needed to promote sustainable development'.

Context and challenge



'Societies everywhere are undergoing deep transformation, and this calls for new forms of education to foster the competencies that societies and economies need, today and tomorrow.'

- Irina Bokova, UNESCO DG, 2015.

http://www.unesco.org/new/en/education/themes/leading-the-international-agenda/rethinking-education/

Developing 21st-Century Critical Thinkers Consistently Integrate Engage in Open-Minded critical thinking cultivate **Problem Solving** higher-order skills within and across all thinking Analyze, content areas. skills. Reason, **Collaborate with Others** and Evaluate Make **Think Critically** Reflect on Real-World and Creatively Learning **Applications** Establish safe, intellectually Communicate risk-free Clearly and Allow learning Accurately time to environments. develop critical thinking skills. Provide students with repeated opportunities Promote academic to practice conversations or dialogue that foster higher-order thinking. critical thinking. **Your Students' Path to Critical Thinking** 14. Engage in reflective thinking 1. Think deeply to make relevant connections 2. Ask quality and clarification questions 15. Follow problem-solving steps 3. Use evidence and reasoning to support thinking 16. Question the credibility, accuracy, and relevancy of 4. Analyze, reason, and evaluate information and sources

The twelve 21st Century skills are:

- 1. Critical thinking
- 2. Creativity
- 3. Collaboration
- 4. Communication
- 5. Information literacy
- 6. Media literacy
- 7. Technology literacy
- 8. Flexibility
- 9. Leadership
- 10. Initiative
- 11. Productivity
- 12. Social skills

Twelve key competencies 'crucial for sustainable development'

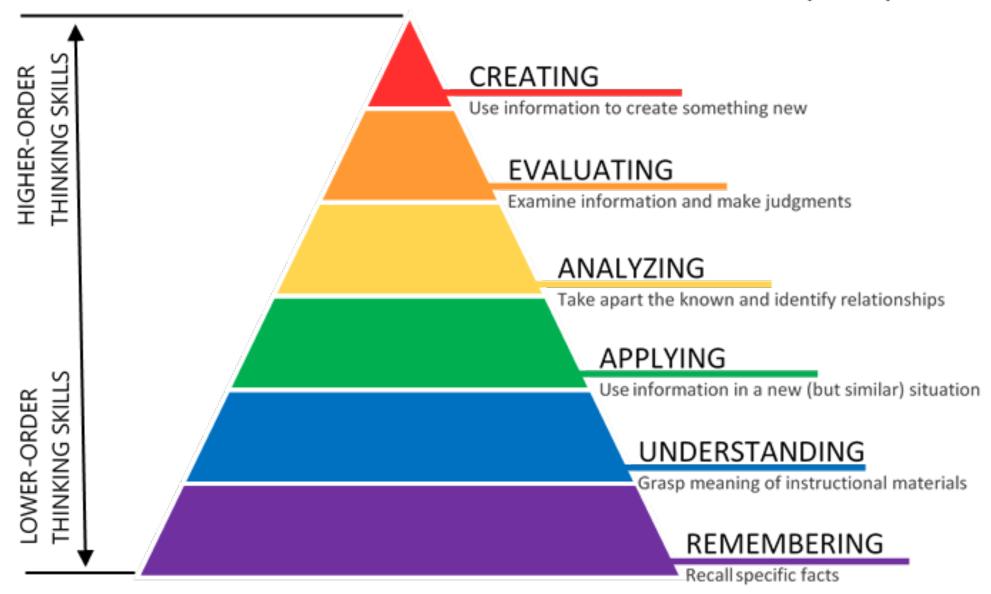
- systemic thinking and handling of complexity
- anticipatory thinking
- critical thinking
- acting fairly and ecologically
- cooperation
- participation

- empathy and change of perspective
- interdisciplinary work
- communication and use of media
- planning and realising innovative projects
- evaluation
- ambiguity and frustration tolerance

Results of a European-Latin American Delphi Study

- Rieckmann, 2010, 2011

BLOOM'S TAXONOMY – COGNITIVE DOMAIN (2001)



Siam University

- Established in 1965
- First private engineering school in Thailand
- One of the leading private universities in Thailand with 15,000 students
- Strong international emphasis.
 Around 1000 international exchange students every year





"Employability, Diversity, and Sustainability" have been the three pillars of Siam University. One of the first policies with regards to sustainability is the "Sustainable University, Sustainable District' of which we are working with our target groups – "the 3 Ss" –

- 1. Students
- 2. Staff
- 3. Surrounding communities.

Importance of Diversity

- •Get to Know Your Students.
- •Maintain Consistent Communication.
- •Acknowledge and Respect Every Student.
- •Practice Cultural Sensitivity.
- •Incorporate Diversity in the Lesson Plan.
- •Give Students Freedom and Flexibility.
- •learning areas, general capabilities and cross-curriculum priorities that's Why we are Here today!!

Diversity



- □ 1000+ international students from 45 countries
- UMAP Peace Study & Diplomacy Program
- Establishment of ASEAN Study Center
- Member of IAU, IAUP, AUAP, ASAIHL, GUNI & AACSB, ACD-UN, SUN, WACE
- Academic Collaboration with over 50 Leading Universities and Institutions worldwide
- Unique possibility to undertake research projects and graduate studies abroad

Asian University President Forum conference



UNESCO Trip





Volunteer Activities for International Conference





Affiliation between Siam – KCM

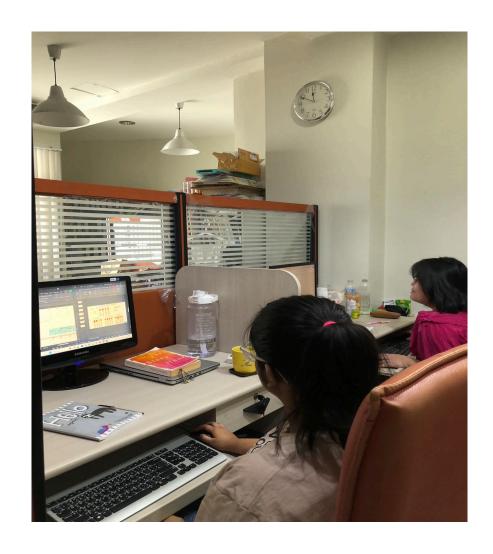
What is Siam-KCM?





A mutual collaboration to strive a greater academic bond between Siam and KCM to the higher level, started in 2017

Internship in Thailand

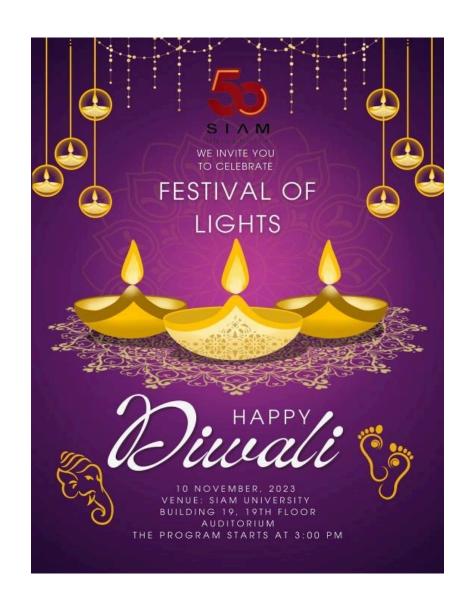




Dinner treat for International Student



Festival celebrations – Deepawali





Sustainability Expo QSCC 2023





Sustainable Community visit





Quadrilateral agreement creates transnational education opportunities through a new partnership between La Trobe University (Australia), Sheffield Hallam University (UK), Siam University Siam Uni (Thailand) and Nurture Higher Education

and another Universities MoUs.











The next step of Siam University in transnational education starts with quadrilateral agreement between Siam University (Thailand), La Trobe University (Australia), Sheffield Hallam University (UK), Nurture Higher Education, signed on July 25, 2023 at La Trobe University. We are ambitious to enroll 2,000 students over the next five years at the soon-to-be established Global University Academy in Siam University, Bangkok. Local students will have an opportunity to complete a foreign qualification at home and it will also provide access to La Trobe University and Sheffield Hallam degrees for international students from the broader Asian region such as Myanmar and

SIAM Participated in

- IAU
- ERASMUS
- ACD-UN
- ASAIHL
- AUAP
- AACSB
- Other Networks















Area of Study Available for International Students

- Business Administration
 - International Business
 - Tourism/Hotel Studies
 - Finance/Marketing/Management
- Information Technology
- Engineering
 - Civil/Environmental Engineering
- Education Administration
- Food Technology and Gastronomy



PILLARS OF EDUCATION





VOLATILITY

The challenge is unexpected or unstable and may be of unknown duration, but it's not necessarily hard to understand; knowledge about is often available.

UNCERTAINTY

Despite a lack of other information, the event's basic cause and effect are known. Change is possible but not a given.



COMPLEXITY

The situation has many interconnected parts and variables. Some information is available or can be predicted, but the volume or nature of it can be overwhelming to process.



AMBIGUITY

Casual relationships are completely unclear. No precedents exist; you face "unknown unknowns."

Definition of University in this era

• To Build a University system that is based on resilience, agility, competence, character and reputation, globally competitive.

That is Re-Inventing

- Industrial base has been weak, yet recent reforms have led to <u>Digitalization</u> of Education and increased focus on **A Framework for Science, Technology and Innovation Policy (STI)**
- The best way to foster future flourishing is to **create environments and design experiences** through which they can practice the capacities, character, and beliefs they need to be empowered, informed, and engaged citizens of the world today.

Towards 2040 – use the four 'R's!

Regarding **what we do now**:

• What is of value that we need to keep?

Retain

What might need modification?

Revise

What might we need to abandon?

Reject

 What new ideas, concepts, principles, methodologies, working methods, pedagogies etc are needed?



Emerging challenges during Pandemic

- Non-readiness for technology deployment during COVID. AI and robots NOT Available in many parts of world
- Inadequate internet bandwidth, ageing savers, and epileptic power supply
- Organizational and National political Instability and Insecurity leading to drop

in Subventions

- <u>Talent Management Issues</u> Attracting, Retaining and Motivating Credible Staff
- <u>Funding Management</u> Economy recession and crises, stock market crashing
- War Ukraine and Russia; Israel and Palestine

Creating Global Citizens

- Build Global Communities and create Connections
- Compassionate Leadership during Post Pandemic Climate
- Education is the key and building bridges, to prosper greener and fairer world for our future generations
- 1. Compassionate Leadership Values Cross Nationalities and Religions Bring out BEST in both Staffs and Students, Supporting all members and cross the barriers of Equality
- 2. **Curriculum and Learning** Learning connected by Interdisciplinary learning, thinking in practice.
- 3. **Research and Innovation** Global Academic, post-graduate students to create more innovation
- 4. Partnerships to widen the deepen impact Rethink Campus Culture build a sense of Community and belongings of campus International network and build bonds perhaps new and deepen bond

Double Degree is a key for internationalization

- Importance of Revisiting Higher Education
- Need for Universities to deploy Global actions
- Interdisciplinary brings bonds and partnerships

<u>Human centered design</u> – Artistic design thinking to design products

Life changing - device automated and comfort for dementia patients

Arts + Science



STEM



STEM FACTS







STEM employees are in charge of building communities & moving the nation forward

BRAIN FOCUS



Girls' interest in STEM peaks in middle school, but drops







2/3 of people feel that creativity unlocking creativity is critical to economic growth is crucial for society





72% of polled people said that they are under pressure to be productive rather than creative

60% of respondents feel that creativity is being stifled by their education system







SCHOOLS WITH ARTS Engaging students' strengths using art

earning opportunities

activities increases motivation and the robability of STEM success

Providing different opportunities for

munication and expression

Viewing art as a way of offering more diverse

Applying creative thinking to STEM projects, and sparking students' imagination and creativity through the arts

SCHOOLS WITHOUT ARTS



he context is motivating, engaging,



Students integrate and apply meaningful and important mathematics and science content



Teaching methods are inquiry-based and



Teamwork and communications are a major

TEACHING STYLE



US STEM RANKING











Drawing and Manipulating Objects

BENEFITS OF STEAM LEARNING



degrees in natural science





and technology work together

STEM FACTS



STEM jobs are likely to grow 13%

STEM employees are in

charge of building communities

& moving the nation forward



8 out of 10 most wanted employees were the ones with STEM education



in middle school, but drops off in high school

Girls' interest in STEM peaks

STEAM FACTS



80% of people feel that unlocking creativity is critical to economic growth



2/3 of people feel that creativity is crucial for society



72% of polled people said that they are under pressure to be productive rather than creative



60% of respondents feel that creativity is being stifled by their education system











SCHOOLS WITHOUT ARTS



The context is motivating, engaging, and real-world



Students integrate and apply meaningful and important mathematics and science content



Teaching methods are inquiry-based and student-centered



Teamwork and communications are a major focus

TEACHING STYLE







SCHOOLS WITH ARTS



Engaging students' strengths using art activities increases motivation and the probability of STEM success



Viewing art as a way of offering more diverse learning opportunities



Providing different opportunities for communication and expression



Applying creative thinking to STEM projects, and sparking students' imagination and creativity through the arts

TEACHING STYLE



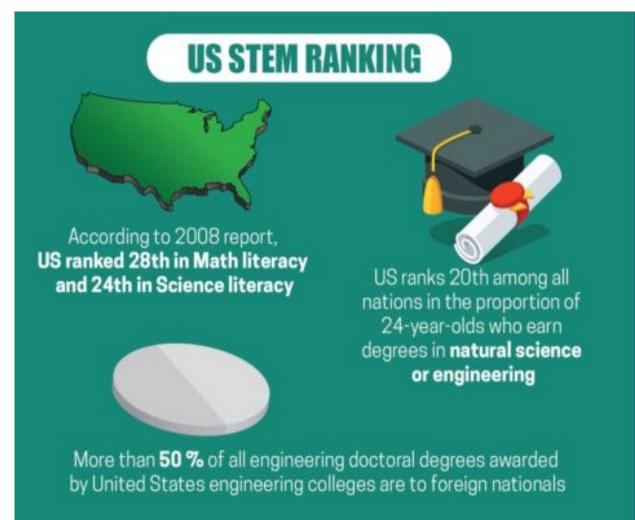
Instructions

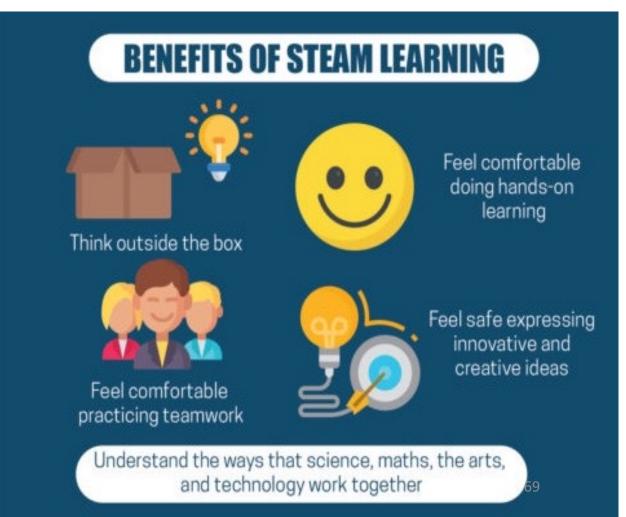




Difference of STEM and STEAM

The main difference we see between STEM and STEAM is that first one explicitly focuses on scientific disciplines while last one investigates the same but does it via inquiry and problem-based learning methods the creative process is based upon.





What is education for?

1. Socialisation Function

—to replicate society and culture

2. Vocational
Function —to
prepare people for
employment



—to develop the potential of individuals

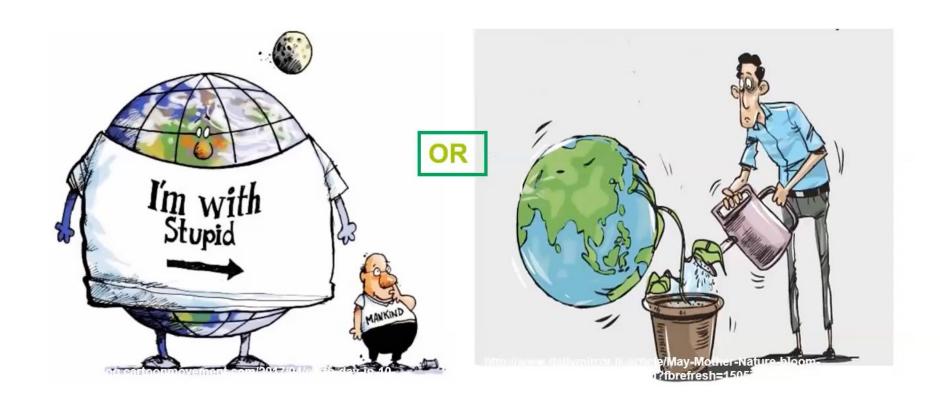
4. Transformative
Function — to facilitate
change towards a better
and liveable world
(socio-ecological
wellbeing for all)

S. Sterling (2002): 25

E, D, U, C, A, T, I, O, N,



Choosing the future



'The shape of the global future rests with the reflexivity of human consciousness – the capacity to think critically about why we think what we do – and then to think and act differently.'



Paul Raskin, (2006)

World Lines, - Pathways, Pivots and the Global Future,

Tellus Institute/Great Transition Initiative

Key question

How should – and how can – education and learning be re-thought and re-configured...

...to make a <u>significant</u> and <u>central</u> contribution to achieving a liveable, more sustainable and just world?



'Education of a different kind'

'The volume of education has increased and continues to increase, yet so do pollution, exhaustion of resources, and the dangers of ecological catastrophe.



If still more education is to save us, it would have to be education of a different kind: an education that takes us into the depth of things.'

E F Schumacher (written 1974, published 1997)

Schools and Higher Education partnership is Vital

High Schools connects college-ready academics, challenging career pathways and hands-on workplace learning with early opportunities for students to earn credentials and degrees, discover emerging careers and build plans to achieve their goals.

- With Creativity, Communities service, Innovation hub and design career path
- Value of Time and coming to Campus not just for attendance (Asia is mostly stressing on Attendance)
- Open Campus Public Health and increase access for communities Health, wealth and nutrition advise.
- Post pandemic progressive consortiums of our Universities
- Academic Freedom and Institutional Autonomy









UNITED NATION'S INTERNATIONAL DAY OF PEACE

The U.N. theme of this year is

"Actions for Peace: Our Ambition for the Global Goals"

> 21 September 2023 at Siam University Auditorium, 19th floor, 19th Building Timing 13:00 -15:00

Hosted by: Siam University and Master of Arts in Peace Studies and Diplomacy Program

UN International Day of Peace at Siam University on 21st September 2023

Tentative Schedule for U.N. International Day of Peace celebrated on

21st September 2023 (Thursday) at Siam University

The U.N. theme of this year is "Actions for Peace: Our Ambition for the Global Goals"

Held: Auditorium, 19th floor, 19th Building

Hosted by: Siam University and Master of Arts in Peace Studies and Diplomacy Program

13:30 – Welcome and Peace Message by **Dr. Pornchai Mongkhonvanit**, President of Siam University

13:40 – Video Peace Message of H.E. Antonio Guterres, U.N. Secretary General

13:50 -- Keynote speech by Mr. Pravit Rojanaphruk, Executive Committee of Pridi Banomyong Institute.

14:00 – Keynote speech by **Prof. Dr. Cheol Je Cho, Assistant President** of Siam University

14:15 – Peace Message by our **Students of Siam University** from several Continents nationalities topic is "Actions for Peace: Our Ambition for the Global Goals"

- 1. Myanmar
- 2. Nigeria
- 3. P.R. China
- 4. India
- 5. Afghanistan
- 6. Germany
- 7. Thailand
- 8. Nepal

15:40 – Remark by **Dr. Emmanuel Okafor**, Supervisor of Language Lab and lecturer at Master of Arts in Peace studies and Diplomacy









THE STUDENT LEADERSHIP CAMP TOPIC

"GLOBAL CITIZENSHIP EDUCATION THROUGH
INNOVATION AND PARTNERSHIP"
GREAT LEADERS FOR A GREAT NATION

27 MARCH - 02 APRIL 2023

BUILDING 19 FLOOR 4, ROOM NO: 19-403 SIAM UNIVERSITY



Student Leadership Program 2023 offers Universities students the opportunity to undertake a challenging extra-curricular program for a period of seven days, from 27 March – 02 April 2023 with the participation of Asia Cooperation Dialogue University Network (ACD-UN) and Siam University, Thailand. This program will provide different activities to engage students in global citizenship education and provide an avenue to explore leadership, critical thinking, entrepreneurship, and Innovative ideas. Activities will include an introduction to the critical aspects of cultural diversity and entrepreneurial engagement as well as sharing mutual perspectives through discussions and presentation.

Program

27 March Day 1 Transfer to Hotel

28 March Day 2 Warm welcome to all participant

"Global Citizenship Education 'Key for Peaceful World", and Icebreaker activities

29 March Day 3 "The role of universities in realising incisiveness and resilience in a global society"

30 March Day 4 National Sustainability museum visits

31 March Day 5 Group presentations and certificate

01 April. Day 6 Pattaya Exploring Trip Mini Siam (Pattaya Sightseeing)

02 April Day 7 Travel to Beautiful Yacht to watch Amazing sunset







KEY CONTACT AND REGISTRATION

For information from Siam University side please contact:

Ms. Yhing Sawheny (Sonia) Deputy Director for Int. Affairs Siam University Email: yhing@siam.edu Ashutosh Mishra (Ashu) International Affairs Officer Siam University ashutosh.mis@siam.edu

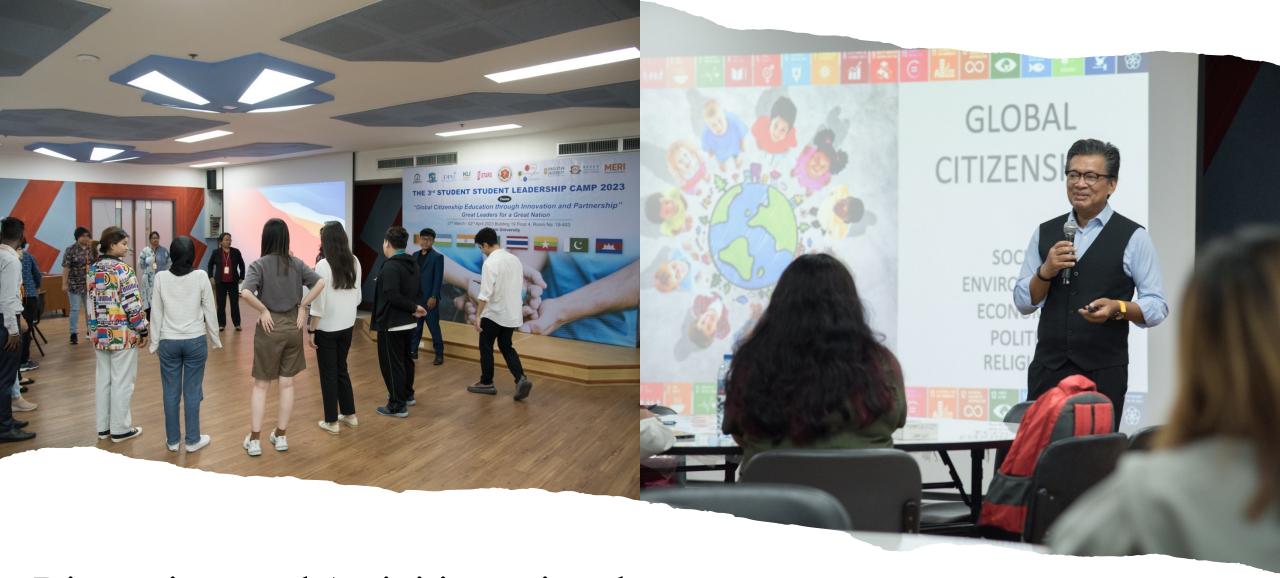




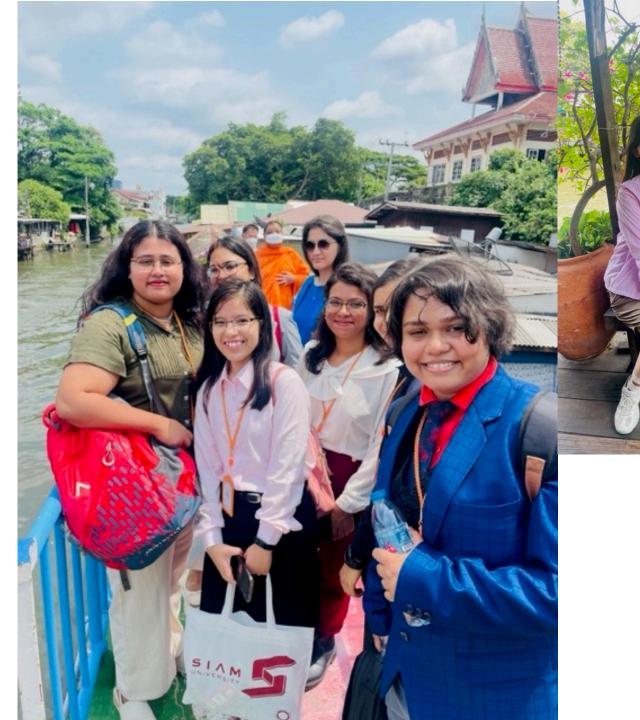
Global Citizenship Education through Innovation and Partnership" Student leadership camp from 27th March – 03rd April, 20 students joined from 7 countries

3rd Student Leadership Camp from 27th March till 03rd April 2023





Discussions and Activities to involve Partnership and Teamwork













Proposal for Higher Education

- Think Globally, Act Locally
- Learning to transform the world using SDG as the goals.
- Use Project-based to gain the skill and competency to Transform and achieve Lifelong Learning









Experimenting the bio-degradable food container machine at Talad latmayom market; Promoting the use of canal transportation by Zero Emission boat in Bangkok.



Health Outreach Programs





























Smoke-free Policy

In accordance to our "Smoke-free" policy, Siam University organizes annual no smoking campaign on May 1, World No Tobacco Day, in addition to regular programs in faculties and the Osoth Siam drug store. This year the campaign was run using the theme "We will not hurt ourselves with Nicotine: We believe you can do."















Orientation for International students















Collaboration for SDGs- Goal 17

Siam University has hosted many conferences and workshops about SDGs.

We also co-organized the 2023 SEAGA (Southeast Asian Geography Association) conference with Thammasat University and Chulalongkorn University during June 27-30, 2023 under the theme, "Recontextualizing Sustainability – People, Places and the Environment". The aim of the conference was to advance the discourse on the issues of sustainability, cultures, space and place in Southeast Asia, so as to inform the decision-making and actions of society, private enterprise, and governments. (https://www.seaga.info/seaga2023/) SEAGA, was established in 1990 as a regional association of geographers and other academic, education, government, and private sector professionals in related fields like history, the geo- and environmental sciences, and urban planning.





Conclusion

The Future of Higher Education in this world is bright against the backdrop of the increasing demand for education by youths, and the demand for skilled labor by the result in brain drain or substantial emigration. Finally, to increase the probability of achieving a re-invented milieu, higher education leaders have an obligation to deploy global actions to encourage excellence at the national levels.

The prospects of a credible re-invention

- Strengthening of Academic linkages and support for students from LDCs, plus internationalization
 - Autonomous funding strategies for internally generated funds
- **Appropriate pedagogies** in and out of Pandemic, especially in the STEAM courses.
- Marketing university brands and reputation. A rich student experience arising from engaged lecturers encourages future alumni members to give back to the university
- University-Industry cooperation with internship or cooperative education program.

