



京都大学

KYOTO UNIVERSITY
GRADUATE SCHOOL OF ENERGY SCIENCE



ASEAN
University
Network

Winter Seminar on Human Security Development through Energy Science

This seminar is designed for undergraduate students to study the concept of Human Security Development (HSD) through Energy Science. The main theme of this seminar is energy development, which is an important issue in HSD. The participating students are expected to deepen their knowledge on HSD and energy science with the prospect of finding solutions to technological, socio-economic and political issues in Asia specifically. The seminar will offer lectures and class discussions as well as field trips and cultural events (Virtual). Applicants from all fields are welcome (not just engineering, economics, or science).

Tentative Program: (11 – 21 January, 2022) Place: Kyoto University, Kyoto Japan

Date	Schedule (tentative)	Date	Schedule (tentative)
11 (Tue)	◆ Guidance, introduction of Kyoto University ◆ Solar Energy	17 (Mon)	◆ Energy Efficiency ◆ Technologies for Reducing CO ₂ Emissions
12 (Wed)	◆ Energy Storage ◆ Wind Turbine	18 (Tue)	◆ Energy and Sustainability Workshop
13 (Thu)	◆ Energy Grid or Liq. Hydrogen, Superconductivity ◆ Hydrogen Energy	19 (Wed)	◆ Biomass energy ◆ Debate
14 (Fri)	◆ Social event (Virtual) ◆ Field study trip (Virtual)	20 (Thu)	◆ Global Energy Situation ◆ Group work for their presentation
15 (Sat)	◆ Cultural tour (Virtual)	21 (Fri)	◆ Group work for finalizing their presentation ◆ Group presentation, Wrap up discussion ◆ Information exchange meeting
16 (Sun)	◆ KU Campus Tour (Virtual)		

Application

- Participation fee: FREE
- Target students: Undergraduate level
- The number to be admitted: 40 students in total from overseas universities.
- For further information, please refer to the application guidelines.
- **Due to the spread of coronavirus infection, this seminar will be held online.**
- The Graduate School of Energy Science, Kyoto University, will issue a certificate to students who complete the seminar program.
- Deadline for submission of application: September 22, 2021

Contact

- Website: <http://www.energy.kyoto-u.ac.jp/en/winter-seminar/>
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