

# Japan Seminar on Technology for Sustainability 2022

(JSTS 2022)

## Application Guidelines (For domestic participants)

Theme:

**“Realization of a Super-Smart Society and Clean Energy that Leads to Social Happiness”**

The Sustainable Development Goals (SDGs) are the goals of the international community, adopted at the United Nations Summit (September 2015), that set a universal goal of realizing a sustainable society that “leaves no one behind”. With 2030 as the target year, international targets have been set in 17 fields, including poverty, education, energy, climate change, and industry. In order to utilize the free-thinking of young people, who are the next generation leaders to achieve the SDGs, we will recruit participants from Universities of Technology, Colleges of National Institute of Technology (KOSEN) in Japan, and overseas, to learn the basics of the SDGs, and also to collaborate via lectures, group work, on-site inspections, presentations, while aiming to develop human resources who can contribute to the realization of a super smart society and clean energy.

### 1. Date

From Monday, September 12, 2022 to Friday, September 16, 2022

- Access to JSTS 2022 on the first day starts at 12:30 pm JST
- Start time on the first day is 1:00 pm JST
- End time on the last day is 5:30 pm JST

Please refer to “Time schedule for JSTS 2022 “on the last page.

### 2. How to participate

#### 1. On-site

Venue : Hotel Kyocera Annex 2nd floor room “Flower”

Address: 1409-1 Mitsugi, Hayato-cho, Kirishima City, Kagoshima, Japan

Phone: +81-995-43-7111/Website: <https://www.h-kyocera.co.jp/>

#### 2. Online (only for overseas participants)

Zoom/Slack

### 3. Language in use

English (except Training for group discussion skills will be in Japanese)

#### 4. Eligibility criteria

Applicants should be over 18 years of age at the time of application, should be willing to communicate in English and will be able to attend the whole schedule.

#### 5. Numbers of participants

Overseas: 15/ KOSEN: 30

Nagaoka/Toyohashi Universities of Technology: 20

#### 6. Participation fee (only for domestic participants)

¥1,000 (for a commemorative item)

#### 7. How to apply

The application is available on JSTS 2022 website

URL <https://www.kagoshima-ct.ac.jp/jsts2022/>

#### 8. Details

##### (1) **Accommodation** (Reservations should be made through the steering committee.

Payment is made upon arrival at the hotel)

Hotel Kyocera

Address: 1409-1 Mitsugi, Hayato-cho, Kirishima City, Kagoshima, Japan

Phone: +81-995-43-7111/Website: <https://www.h-kyocera.co.jp/>

With breakfast ¥9,500/per night      Without breakfast ¥8,000/per night

##### (2) **Transportation expenses**

For participants from the National Institute of Technology (KOSEN), the round-trip transportation expenses to and from the venue will be paid later in accordance with the National Institute of Technology guidelines.

##### (3) **Submission of pre-assignments**

Each participant needs to make a short self-introduction video (approx. 2 minutes) discussing a type of energy that they are interested in and submit it to the steering committee by August 19, 2022. Details on how to submit the video will be emailed on Thursday, June 30, 2022.

#### (4) Prior trainings (Domestic participants only)

Online trainings (Zoom) The participants must take one of the following trainings

I. Facilitator trainings in English

(for participants from Nagaoka/Toyohashi Universities of Technology and KOSEN)

Schedules: First session /Wednesday, August 24, 2022/10:30am-12:00pm JST

Second session/Friday, August 26, 2022/10:30am-12:00pm JST

Lecturers: Assistant Professor Dr. Nur Adlin Abu Bakar

Department of Science of Technology Innovation,

Nagaoka University of Technology

II. Training for group discussion skills in Japanese (for participants from KOSEN)

Schedule: Tuesday, August 30, 2022/10:30am-12:00pm JST

Lecturer: UEA (University Education Administrator) Dr. Mami Katsumi

Center for International Industry-Academia Collaboration,

Nagaoka University of Technology

#### (5) Application process

- ① Applicants should submit the application form latest by  
**Friday, June 17, 2022.**
- ② Each applicant will receive a participation notice on  
**Thursday, June 30, 2022.**
- ③ Submit a short self-introduction video by **Friday, August 19, 2022.**
- ④ Each individual shares their video with their group, enabling them to get to know each other in preparation for JSTS 2022.
- ⑤ Prior trainings  
Facilitator trainings  
First session **Wednesday, August 24, 2022/10:30am-12:00pm JST**  
Second session **Friday, August 26, 2022/10:30am-12:00pm JST**  
Training for group discussion skills  
**Tuesday, August 30, 2022/10:30am-12:00pm JST**
- ⑥ JSTS 2022 is to be held from  
**Monday, September 12, 2022 to Friday September 16, 2022.**

## (6) Important notices

- ① Participants will be responsible for communication fees in order to attend the prior trainings. They must participate from home or their school as a rule.
- ② This seminar is scheduled to be held on-site, but depending on the status of the spread of the new coronavirus, it may be changed to online.
- ③ Only students of Nagaoka/Toyohashi Universities of Technology may temporarily leave the meeting if they are unable to attend for unavoidable reasons. In such a case, email the steering committee by Friday, September 9, 2022.

### Contact

National Institute of Technology, Kagoshima College

JSTS Steering Committee office

Address: 1460-1 Shinko, Hayato-cho, Kirishima-city, Kagoshima, 8995193, Japan

Tel : +81-995-42-9014/FAX : +81-995-43-2584

Email : [istsjsts@kosen-k.go.jp](mailto:istsjsts@kosen-k.go.jp)

JSTS 2022 website for more details

URL <https://www.kagoshima-ct.ac.jp/jsts2022/>



鹿児島工業高等専門学校  
National Institute of Technology, Kagoshima College

# Japan Seminar on Technology for Sustainability 2022

日本時間 Japan Standard time	Day1 Sep 12 <sup>th</sup> Monday	Day2 Sep 13 <sup>th</sup> Tuesday	Day3 Sep 14 <sup>th</sup> Wednesday	Day4 Sep 15 <sup>th</sup> Thursday	Day5 Sep 16 <sup>th</sup> Friday	日本時間 Japan Standard time
10:00		Start @10:00	Excursion 8:30-13:00	Start @10:00	Start @10:00	10:00
10:15		Preparation 10:00-10:30	Departure time Hotel Kyocera 8:30	Preparation 10:00-10:30	Preparation 10:00-10:30	10:15
10:30		#Workshop All participants discuss "What is sustainable energy?"  10:30-11:30	Arrival time Yamagawa Geothermal Power Plant 10:30	#Group work for Presentation 3  Progress reports from each team to instructors in the midst of project  10:30-12:00	#Final presentation  Each team has 20- 30minutes to present their work including Q&A from other teams.  10:30-12:00	10:30
10:45						10:45
11:00		Break 11:30-11:45	The participants from outside Japan join this excursion through a mobile wi-fi.	Lunch  12:00-13:00	Lunch  12:00-13:00	11:00
11:15		#Group work 1 "Select a theme" Each group selects a theme on SDGs×Energy×Well-being and prepare for the small presentation.  11:45-13:00				11:15
11:30						
11:45						11:45
12:00		Preparation @12:30		Lunch  12:00-13:00	Lunch  12:00-13:00	12:00
12:15		Starting to connect to the Internet				12:15
12:30						
12:45						12:45
13:00	Opening ceremony/ Greetings from President Himuro/ National Institute Technology 13:00-13:15	Lunch  13:00-14:00	Lunch  13:00-14:00	#Group work for Presentation 4  Progress reports from each team to instructors in the midst of project  13:00-14:00	#Final presentation  13:00-14:00	13:00
13:15	★Lecture#1 "Basic of SDGs" Dr. Mami Katsumi  13:15-14:00					
13:30						13:30
13:45						13:45
14:00	Break 14:00-14:15	#Group work 2 "Small Presentation" By using Powerpoint or other apps #Each team will present their project topics to other teams. (Each team has 5minutes)  14:00-15:30	Departure time from Yamagawa (Ibusuki)  14:00	Break 14:00-14:15	Break 14:00-14:15	14:00
14:15	★Lecture#2 "Title (TBD)" Dr. Hideaki Aburatani  14:15-15:00			Arrival time at Hotel Kyocera 15:30-15:45	#Group work for Presentation 5  14:15-15:30	#Final presentation  14:15-15:15
14:30						
14:45						14:45
15:00	Break 15:00-15:15					15:00
15:15	"Breaking the ice/Teambuilding1/2" Introductions	Break 15:15-15:30		Break 15:30-15:45	Break 15:15-15:30	15:15
15:30					# Final presentation  15:30-16:30	15:30
15:45						
16:00	Break 16:00-16:15	Each team starts working on their own project and ensure each participant is able to understand his/her own tasks  15:45-17:00	Break 15:45-16:00	#Group work for Presentation 6  15:45-17:00		16:00
16:15	"Breaking the ice/Teambuilding2/2" Solidifying teamwork				#Group work for Presentation 2  16:00-17:00	
16:30					Deliberation for awards/Break 16:30-16:45	16:30
16:45					Closing ceremony Best Presentation Award	16:45
17:00	Team Activity 17:00-19:00	Team Activity 17:00-19:00	Team Activity 17:00-19:00	Team Activity 17:00-19:00	President Himuro/ National Institute Technology 16:45-17:15	17:00
17:15					17:30 Closing	17:15
17:30						17:30
17:45						17:45
18:00						18:00
18:15						18:15
18:30						18:30
18:45						18:45

The steering committee will provide a small brochure of JSTS details before JSTS 2022 holds.