

JSTS 2021

Application Guideline

Japan Seminar on Technology for Sustainability 2021
Iwaki, Fukushima, Japan

Date	From Monday, 13th, September, 2021 to Friday, 17th, September, 2021
Hosting method	Online
Main Broadcasting place	National Institute of Technology (KOSEN), Fukushima College in Japan
Host	National Institute of Technology (KOSEN)
Co-host	Nagaoka University of Technology Toyohashi University of Technology
College in-charge	National Institute of Technology (KOSEN), Fukushima College in Japan



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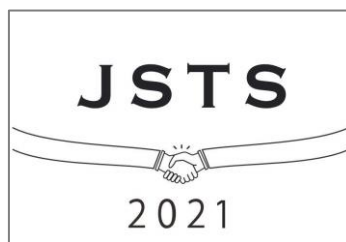
I. JSTS 2021

1. Overview

(1) Title

Japan Seminar on Technology for Sustainability 2021

Abbreviation: JSTS 2021



JSTS 2021 Logo mark

(2) Background

In the “post COVID-19 era” , countries will reopen their borders so that international exchanges will occur once again . Along with the movement of people, the movement of goods and services will also begin to flow easier. One lesson that nations and businesses learned by the Covid-19 pandemic was the risk of relying too heavily on imports. Consequently, it is important for these players to develop systems and infrastructures that will protect their economies from any further global pandemics. Moving forward, the need to have citizens who have strong international communication skills and the ability to understand different cultures will increase. JSTS 2021 aims to improve the IT literacy of its participants. In addition, participants will examine the different problems that occurred in their respective countries and local areas due to Covid-19, and will develop solutions to them.

(3) Purpose

The main objective of the seminar is to improve the students' global communication skills and to gain the skills that are required of future global leaders in a diverse society. This will be done through the use of group workshops and various exchange activities based on the SDGs.



(4) Topic & Activity

To cultivate engineers who can be competitive in a globalized world and contribute to developing a sustainable society after/during the post COVID-19 era.

This seminar series aims to teach the 17 basic SDGs. Based on this knowledge, the seminar participants will form small groups of 5-6 members and will produce a short documentary movie which will focus on local problems and the challenges associated with developing a sustainable society. In addition, each group will put forth possible solutions to these challenges. Through discussions and group work, the participants, who come from various backgrounds and nations, will experience and learn how to create new values and lives after/within the COVID 19 era based on the 17 SDGs. The main targets will be economic activities, education, medical systems and resilient infrastructures.

(5) Outcomes

The participants will gain the following skills:

1. Acquisition of the basic principles of the SDGs
2. Experience working and cooperating in English with other group members
3. Improve their English communication skills and cross-cultural understanding
4. Practice “Think globally, Act locally”

(6) Date

From Monday, 13th, September, 2021 to Friday, 17th, September, 2021

(7) Host

National Institute of Technology (KOSEN)

(8) Co-host

Nagaoka University of Technology

Toyohashi University of Technology

(9) College in-charge

National Institute of Technology (KOSEN), Fukushima College



Website of the
National
Institute of
Technology (KOSEN)



Website of the
Nagaoka
University of
Technology



Website of the
Toyohashi
University of
Technology



Website of the
National
Institute of
Technology (KOSEN),
Fukushima College

(10) Management Organization

National Institute of Technology (KOSEN), Fukushima College

ISTS and JSTS Steering Committee

Student Committee JSOC

*JSOC : Japanese Students Organizing Committee

(11) Lecturers

Assoc. Professor, UENODAI Akiko,

National Institute of Technology (KOSEN), Fukushima College

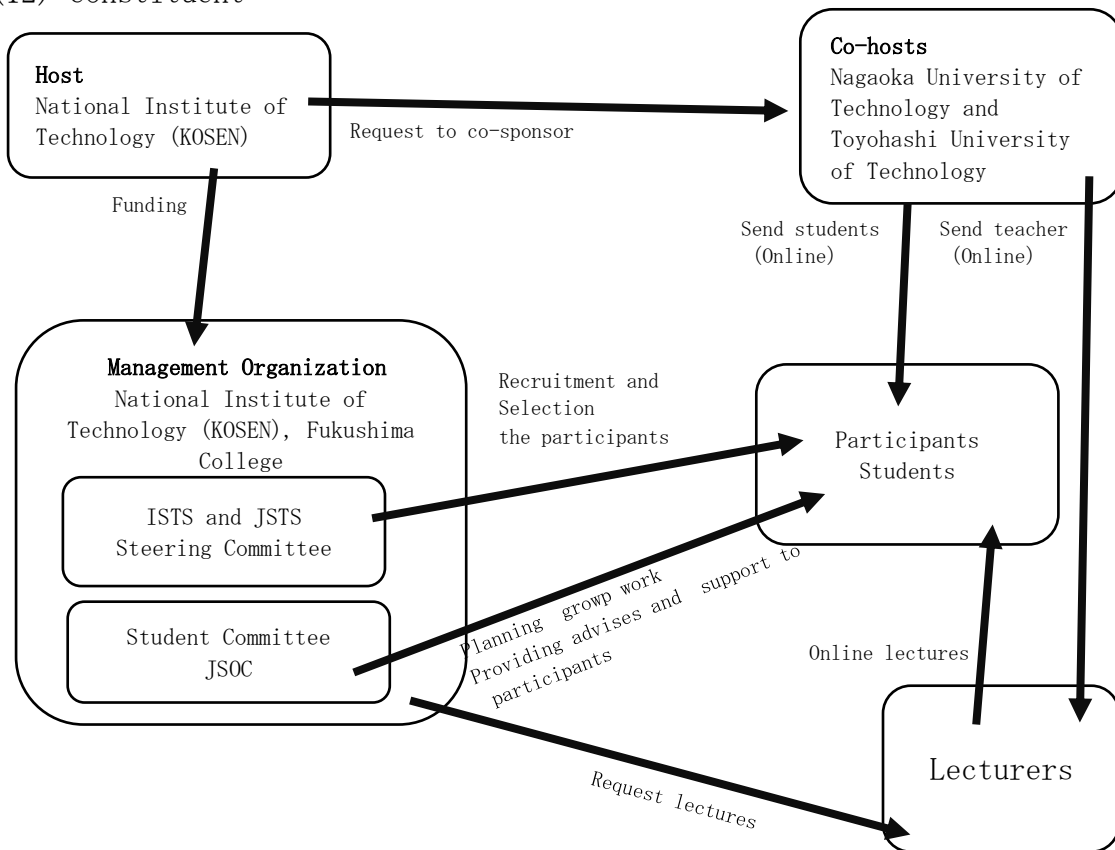
SDGs Basic Training

UEA, KATSUMI Mami,

Center for International Industry-Academia Collaboration

Nagaoka University of Technology

(12) Constituent



(13) Hosting method

①Hosting method

Online (Zoom)

②How to join

Participants will participate by using the Internet at each individual's home or the participant's school (computer and network environment such as Wi-Fi and optical line. Wired network is preferable). As a general rule, participants will participate in the seminar and question and answer sessions in real time. If it is not convenient, participants can watch the recording and take the course afterwards. If multiple students from the same college of technology or technical science university wish to participate, it is possible for them to attend together after confirming with the school to which they belong. In that case, these members will arrange the venue etc. by themselves.

*Participants needs to join at each home or each college/ University.

③Tools for Online Seminars

- a. Zoom Video Communications
- b. Searchable Log of All Conversation and Knowledge (Slack)
- c. E-mail
- d. Video editing software or App (free software and Apps)

(14) Main broadcasting place

National Institute of Technology (KOSEN), Fukushima College

Active Learning Space A/B

30 Nagao, Kamiarakawa, Taira, Iwaki, Fukushima 9708034, Japan

(15) Participants

About 100 people

(About 80 students and about 20 teacher or faculty staff)

	KOSEN	University of Technology	Overseas Participants	Amount
Students	25	20	15	60
Facilitator	10	5	5	20
Faculty staff	5	5	5	15
KOSEN HQ	5	—	—	5
Amount	45	30	25	100

(16) Participation fee : Free

(17) Language in Use

English (Default)

(18) Official Website

URL: <https://jsts2021.com/>

Open at Friday, 23th, April, 2021



JSTS 2021
Official Website

(19) Registration

Participants need to submit the following documents to ISTS and JSTS steering committee through your school administrative staff via e-mail. Details are written on “**2.Application**”. Once the participant is registered, the ISTS and JSTS steering committee will send a notification. After receiving the notification, please proceed by registering on the JSTS 2021 website from Monday, 14th, June, 2021 to Wednesday, 30th, June, 2021.

2. Applications

(1) Students

①How to apply

Please submit the following documents to ISTS and JSTS Steering Committee through your school administrative staff via e-mail.

②Admission policies

- Students with good academic standing and good communication skills.
- Students who are eager to implement SDGs17.
- Students who are interested in the ESD(Education for Sustainable Development).
- Students who want to “Think globally and Act locally” .

③Required documents

a. Form **JSTS 2021 Student Application**

b. Free description “ Regional issues and SDGs17 ”
(A4/1page/Free form)

*Please raise a local problem and propose a solution in association with SDGs17.

* Explanation of SDGs17 (United Nations website)

<https://www.un.org/sustainabledevelopment/>

④Your submission address

National Institute of Technology (KOSEN), Fukushima College
ISTS and JSTS Steering Committee
E-mail : f-jstsists@fukushima-nct.ac.jp

⑤Application deadline

Friday, 28th, May, 2021 17:00(JST)

⑥Notification

Friday, 11th, June, 2021 JST (Tentative)
After you received notification, please proceed with registration
on the JSTS 2021 website.

(2) Teacher and Faculty staff

①How to apply

Please contact the ISTS and JSTS Steering Committee via e-mail.

②Contact

National Institute of Technology (KOSEN), Fukushima College
ISTS and JSTS Steering Committee
E-mail : f-jstsists@fukushima-nct.ac.jp

③Application deadline

Friday, 28th, May, 2021 17:00(JST)

3. Main Program and Ceremonies

Monday, 13 th , September, 2021 JST		
10 : 30~10 : 45	Opening	Dr. AOKI Hiroyuki, Senior Director, International Affairs, Headquarters, National Institute of Technology YAMASHITA Osamu, President, National Institute of Technology (KOSEN), Fukushima College
10 : 45~11 : 45	Lecture on SDGs	UENODAI Akiko, Assoc. Professor, National Institute of Technology (KOSEN), Fukushima College
12 : 00~13 : 00	SDGs Basic Training	KATSUMI Mami, UEA, Center for International Industry- Academia Collaboration Nagaoka University of Technology
Friday, 17 th , September, 2021 JST		
16 : 30~17 : 00	Closing	Dr. AOKI Hiroyuki, Senior Director, International Affairs, Headquarters, National Institute of Technology YAMASHITA Osamu, President, National Institute of Technology (KOSEN), Fukushima College

4. Time Schedule

Refer to attached sheet “JSTS 2021 Time Schedule (Tentative)” .

5. Program

Opening the JSTS 2021 HP : Friday, 23th, April, 2021

Start accepting application : Friday, 23th, April, 2021

Application deadline : Friday, 28th, May, 2021

Acceptance notification : Friday, 11th, June, 2021

JSTS 2021 : Monday, 13th, September, 2021~Friday, 17th, September, 2021

6. Precaution

- (1)Participants are responsible for the communication costs, etc. related to the maintenance of the network environment and attendance.
- (2)As a general rule, attend from your home or school to attend all lectures online.
- (3)If you wish accreditation for attending this seminar, please ask about the possibility of this to your college/ University staff.
- (4)If this seminar time schedule overlaps with the lecture time at your school, check with your school and take appropriate procedures by yourself. In principle, this seminar is to be attended on time, but if you are unavoidably absent, contact the ISTS and JSTS Steering Committee and receive the URL and password for viewing the Zoom's archived videos. These will be available for one week after the lecture.
- (5)This year's ISTS 2021 (International Seminar on Technology for Sustainability 2021) will be postponed. It will be held only by JSTS 2021 in this year.

7. Contact

ISTS and JSTS Steering Committee

National Institute of Technology (KOSEN), Fukushima College

Address : 30 Nagao, Kamiarakawa, Taira, Iwaki, Fukushima 9708034, Japan

TEL : +81 246 46 0957

FAX : +81 246 46 0742

E-mail : f-jstsists@fukushima-nct.ac.jp

II. Facilitator Training

1. Overview

Pre-training will be provided to students (applicants) who will be facilitators at JSTS 2021.

2. Schedule

	Date	JST
Part 1	Wednesday, 25 th , August, 2021	16 : 30 ~ 17 : 00
Part 2	Wednesday, 1 st , September, 2021	16 : 30 ~ 17 : 00
Part 3	Wednesday, 8 th , September, 2021	16 : 30 ~ 17 : 00

3. Hosting method

Online (Zoom)

4. Main broadcasting place

National Institute of Technology (KOSEN), Fukushima College
Active Learning Space A/B (tentative name)
30 Nagao, Kamiarakawa, Taira, Iwaki, Fukushima 9708034, Japan

5. Lecturer (Tentative)

Assoc. Professor, UENODAI Akiko,
National Institute of Technology (KOSEN), Fukushima College

6. Purpose

Fostering facilitation ability for JSTS 2021

7. Number of applicants (tentative)

Number of applicants (tentative)

KOSEN students	about 5
University of Technology students	about 5
Students from overseas	about 5
JSOC Staff	about 5

8. Subject

Part 1	Learning the basics of the SDGs Fostering facilitation
Part 2	Confirmation of precautions on copyright law Short movie making
Part 3	Short movie presentation

Based upon SDGs17, social, economic, environmental and political problems created by Covid-19 will be examined and solutions put forth.

In teams, students will create a short documentary film to educate others about the problem and solutions.

9. Application method

(1) Required documents

The administration staff in charge of the international exchange at each school: please submit the following documents to the ISTS and JSTS Steering Committee via e-mail.

a. Facilitator Training for JSTS 2021 Student Application

b. Free description " Regional issues and SDGs "

(A4/1page/Free form)

*Please put forth a local problem and propose a solution in association with the SDGs.

(2) Application deadline

Friday, 28th, May, 2021 JST

(3) Precautions for participation

If participating in facilitator training, as a general rule, participate in facilitator training and all programs of JSTS 2021.

10. Participation Fee

Free (0 JPY)

11. Contact

ISTS and JSTS Steering Committee

National Institute of Technology (KOSEN), Fukushima College

Address: 30 Nagao, Kamiarakawa, Taira, Iwaki, Fukushima 9708034, Japan

TEL :+81 246 46 0957

FAX :+81 246 46 0742

E-mail :f-jstsists@fukushima-nct.ac.jp