# Questionnaire (for teachers)

> This survey investigates education using ICT (Information and Communication Technology) at each higher education institution. For survey details and contact information, please visit the website https://ict.axies.jp/sig/67/, where the survey form is available.
>
> This survey is directed to faculty members in higher education institutions' various faculties and graduate schools. Please answer the following questions. The survey will take approximately 15 minutes to complete.
> If not specified, we will ask about the situation as of December 2023.
> The contents of the responses will not be made public in a manner that would allow the identification of the institution.

Please note that due to the convenience of the questionnaire system, the question numbers in the questionnaire do not correspond to the question numbers indicated by "Q" in the questionnaire system.

Please provide the name and Institution code of your institution.
 Note: Please refer to the following for the Institution code: https://www-kokusai.jsps.go.jp/jsps1/kikanList.do

Your Institution 

Institution Code 

## I. Status of ICT-based education

Q1. To what extent do you use the following ICT tools in your classes?
   Note: "In-class" here refers to time spent in lectures, exercises, experiments, practical training, preparation, and review, including distance learning (simultaneous interactive, real-time, on-demand). It does not include time for independent study.

| | Very well used. | I use it a lot. | Not much use. | Not used at all. | I don't know. |
|---|---|---|---|---|---|
| (1) PowerPoint and other slides | 1 | 2 | 3 | 4 | 9 |
| (2) Teaching materials and videos on the Web | 1 | 2 | 3 | 4 | 9 |
| (3) Streaming videos of lectures, etc. | 1 | 2 | 3 | 4 | 9 |
| (4) Simulation materials | 1 | 2 | 3 | 4 | 9 |
| (5) Mobile phone, smartphone and tablet applications | 1 | 2 | 3 | 4 | 9 |
| (6) Electronic blackboard | 1 | 2 | 3 | 4 | 9 |
| (7) E-books and e-textbooks | 1 | 2 | 3 | 4 | 9 |
| (8) Videoconferencing and web conferencing systems (Polycom, etc.) | 1 | 2 | 3 | 4 | 9 |

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| | | | | | |
|---|---|---|---|---|---|
| (9) Chat/video conferencing services (Zoom, Skype, etc.) | 1 | 2 | 3 | 4 | 9 |
| (10) Social networking services (Facebook, X (formerly Twitter), LINE, etc.) | 1 | 2 | 3 | 4 | 9 |
| (11) Blog | 1 | 2 | 3 | 4 | 9 |
| (12) LMS | 1 | 2 | 3 | 4 | 9 |
| (13) e-portfolio system (e.g. Mahara) | 1 | 2 | 3 | 4 | 9 |
| (14) Clicker (Response Analyzer) | 1 | 2 | 3 | 4 | 9 |
| (15) File-sharing tools (e.g., Dropbox) | 1 | 2 | 3 | 4 | 9 |
| (16) Collaboration tools (Google Docs, (SharePoint, Microsoft365, etc.) | 1 | 2 | 3 | 4 | 9 |
| (17) Other tools ( ) | | | | | |

Q2. What are the specific purposes for using ICT tools in your education? Please answer each of the following questions.

| | apply frequently | apply (a rule) somewhat | Not very applicable | Not applicable at all | I don't know. |
|---|---|---|---|---|---|
| (1) Communication of academic affairs information | 1 | 2 | 3 | 4 | 9 |
| (2) Provision of teaching materials related to classes | 1 | 2 | 3 | 4 | 9 |
| (3) Support for learning outside of class | 1 | 2 | 3 | 4 | 9 |
| (4) Self-study | 1 | 2 | 3 | 4 | 9 |
| (5) Remedial education | 1 | 2 | 3 | 4 | 9 |
| (6) Inverted class | 1 | 2 | 3 | 4 | 9 |
| (7) Communication between students and faculty | 1 | 2 | 3 | 4 | 9 |
| (8) Communication among students | 1 | 2 | 3 | 4 | 9 |
| (9) Learning through group activities among learners | 1 | 2 | 3 | 4 | 9 |
| (10) Voting in class | 1 | 2 | 3 | 4 | 9 |
| (11) Discovery and exploratory learning | 1 | 2 | 3 | 4 | 9 |
| (12) Testing and assessment | 1 | 2 | 3 | 4 | 9 |
| (13) Submission of reports, etc. | 1 | 2 | 3 | 4 | 9 |
| (14) Provide a portfolio of previous learning activities (Provide study records) | 1 | 2 | 3 | 4 | 9 |

| (15) Analysis of learning data for educational improvement | 1 | 2 | 3 | 4 | 9 |
|---|---|---|---|---|---|
| (16) Class evaluations and questionnaires | 1 | 2 | 3 | 4 | 9 |
| (17) Comments and reflections on the class | 1 | 2 | 3 | 4 | 9 |
| (18) Self-assessment, peer assessment, and mutual assessment | 1 | 2 | 3 | 4 | 9 |
| (19) Off-campus advertising | 1 | 2 | 3 | 4 | 9 |
| (20) Online classes | 1 | 2 | 3 | 4 | 9 |

## II. Status of implementation of hybrid classes, etc.

 We would like to ask you about the support status for implementing online and hybrid classes in FY2023 following the transition of new coronavirus infection to category five.

Q3 Please select all applicable online or hybrid classes you offer (or have offered) in FY2023. Online classes include real-time, campus/Institution simultaneous interactive, and on-demand classes.

| 1 | Fully online classes (all class sessions are online) |
|---|---|
| 2 | Hybrid classes (50% or more of class sessions online, the rest in person) |
| 3 | Hybrid classes (25%-50% of class sessions online, the rest in person) |
| 4 | Hybrid classes (less than 25% of class sessions are online, and the rest are face-to-face) |
| 5 | Do not (have never) offered online or hybrid classes |
| 6 | Other ( ) |

Q4. Please answer the following questions if you chose any options 1) to 4) in Q3.
What assistance have you received in conducting online or hybrid classes? Please select all that apply.

| 1 | Provide information to faculty using handouts, websites, etc. |
|---|---|
| 2 | Conducting training sessions for teachers |
| 3 | Environmental improvements for teachers (e.g., Loan of equipment, financial assistance) |
| 4 | Never received assistance |
| 5 | I don't see any options that apply. |
| 6 | Other ( ) |

Q5. If you selected options 1) to 4) in Q3, please answer the following question. What are the most important factors supporting the implementation of online or hybrid classes? Please select all that apply.

| 1 | Institution-wide technical support organization |
|---|---|
| 2 | Institution-wide educational support organization |
| 3 | Institution-wide support groups (e.g., working groups, committees, etc.) |
| 4 | Information for faculty and students |
| 5 | Conducting workshops for teachers and students |
| 6 | Environmental improvements for faculty and students (e.g., equipment loans, financial assistance) |
| 7 | Sharing knowledge and skills among faculty and staff |

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| 8 | ICT utilization skills of teaching staff |
|---|---|
| 9 | ICT use skills of students |
| 10 | Understanding of faculty and staff |
| 11 | Student Understanding |
| 12 | I don't see any options that apply. |
| 13 | Other (Specify) |

## III. Open Education

We would like to ask you a few questions about your use of open education and MOOCs. Please select the number that applies.

Q6. Please indicate your level of awareness of open educational resources (OER).
Note: "OER: Open Educational Resources" refers to educational resources, including lecture materials (OCW, lecture videos, electronic textbooks, learning content, etc.), educational software, etc., that are available free of charge via the Internet, etc.

| 1 | I am aware of it well. | 2 | I am somewhat aware |
|---|---|---|---|
| 3 | I don't aware much about it. | 4 | I am not aware. |
| 9 | I don't know. | | |

Q7. We want to ask you about using open educational resources (OER).
Note: "Use" here refers to distribution and viewing as teaching materials in your classes, posting as reference materials on LMS course pages, etc.

| 1 | They are used | | |
|---|---|---|---|
| 2 | Plans to use | 3 | Considering using |
| 4 | Not used | 5 | I don't know. |

Q8. If you answered options 1) to 3) in Q7, please answer the following questions. What is your purpose for using open educational resources (OER)? (Multiple answers allowed)
*Required teaching materials: Textbooks and presentation materials that learners must use. Preparation materials for flipped classrooms are also included.
*Use as supplementary materials: Use as supplementary materials to be used by learners on an optional basis.

| 1 | Use as a required teaching material for lectures | | |
|---|---|---|---|
| 2 | Use as supplementary materials for lectures | 3 | Used outside of lectures, such as for external presentations |
| 4 | Use in face-to-face classes | 5 | Use in online classes |
| 9 | I don't know. | | |

Use as essential teaching materials: Use as textbooks or presentation materials that learners must use. Preparation materials for flipped classrooms are also included.

*Use as supplementary materials: Use supplemental materials to be used by learners voluntarily.

# Questionnaire (for teachers)

Q9. We want to ask you about MOOCs (Massive Open Online Courses). Do you use lectures provided by your institution or universities other than your institution for lectures, etc.?

　　(If you answered "4" or "9", please go to Q11.)

Note 1: A "Massive Open Online Course (MOOC)" is a lecture that anyone can take for free or at low cost via the Internet. MOOCs are designed for large numbers of students (several thousand to several tens of thousands) who study using lecture videos and online tests. The course usually lasts from a few weeks to a few months, and at the end of the course, grades are given, and a certificate of completion may be issued to those who pass the course. Platforms and service providers include edX, Coursera, JMOOC, etc.

Note 2: "Official use" includes use as supplementary materials inside and outside of class (e.g., use in flipped classrooms) and transfer of credits to those who have completed the course.

| 1 | They are used | 2 | Plans to use |
|---|---|---|---|
| 3 | Considering using | 4 | Not used |
| 9 | I don't know. | | |

Q10. to those who answered "1-3" in Q9.

Regarding MOOCs that you use, please indicate the purpose for which you use them. (Multiple answers allowed)

| 1 | Use as a required teaching material for lectures | | |
|---|---|---|---|
| 2 | Use as supplementary materials for lectures | 3 | Used outside of lectures, such as for external presentations |
| 4 | Use in face-to-face classes | 5 | Use in online classes |
| 9 | I don't know. | | |

　*Required materials: Textbooks and presentation materials that learners must use. Preparation materials for flipped classrooms are also included.

　*Use as supplementary materials: Use as supplemental materials to be used by learners on an optional basis.

# IV. Respondent Information

Q11. Please provide contact information for the person in charge of the survey, as we may need to confirm your answers later.

Personal information and responses obtained from this survey will be handled appropriately. They will never be used for any purpose other than for aggregate analysis or to contact you regarding the release of this report.

| Name of your Institution | |
|---|---|
| Affiliation | |
| Job Title | |
| Your Name | |
| E-mail address | |

We appreciate your cooperation.