Undergraduate Students Of Sri Lankas' Perception Towards Assessing Knowledge, Attitude, And Practices On E-learning
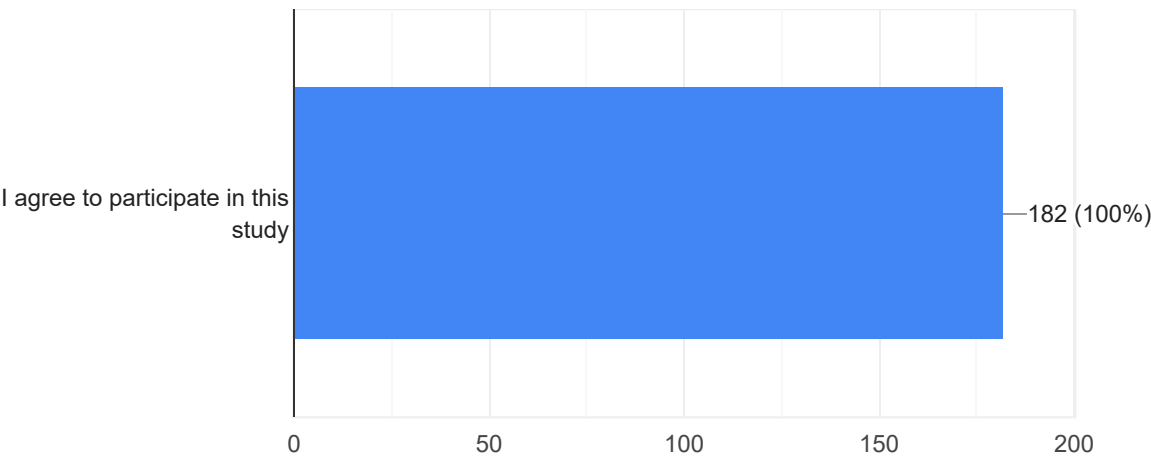
182 responses

Publish analytics
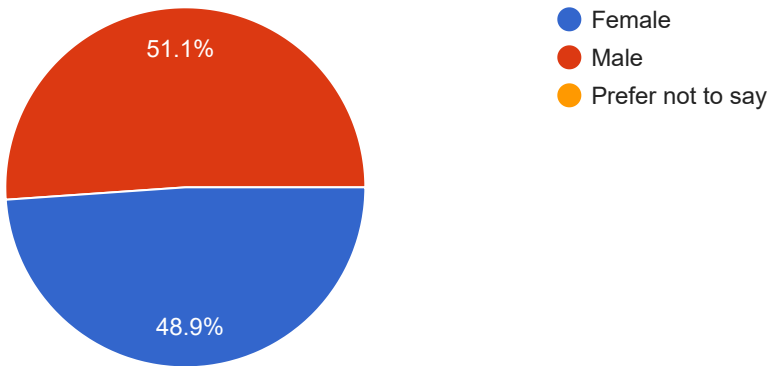

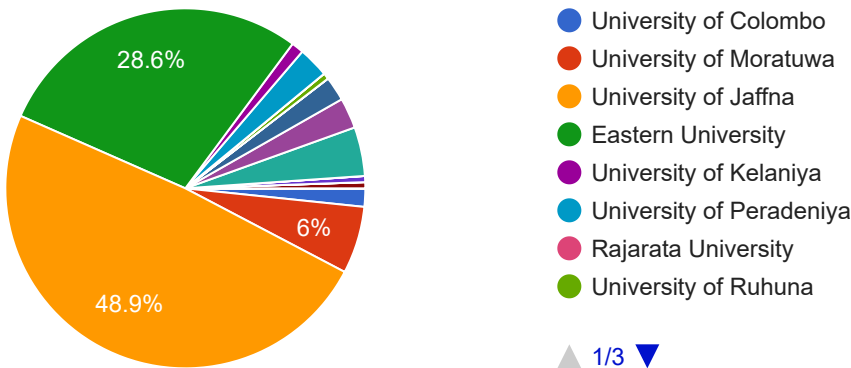Please indicate that you agree to participate in this study

182 responses

Gender

182 responses

- ● Female
- ● Male
- ● Prefer not to say

51.1%

48.9%

Institution/University

182 responses

- ● University of Colombo
- ● University of Moratuwa
- ● University of Jaffna
- ● Eastern University
- ● University of Kelaniya
- ● University of Peradeniya
- ● Rajarata University
- ● University of Ruhuna

▲ 1/3 ▼

28.6%

48.9%

6%

Course of Study

182 responses

- Agriculture
- Computer science
- Agriculture
- Computer Science
- Computer science
- Computer Science
- Engineering technology
- Physical Science
- Engineering

Level of Study

182 responses

- 1st Year
- 2nd Year
- 3rd Year
- 4th Year

45.1%
29.1%
16.5%
9.3%
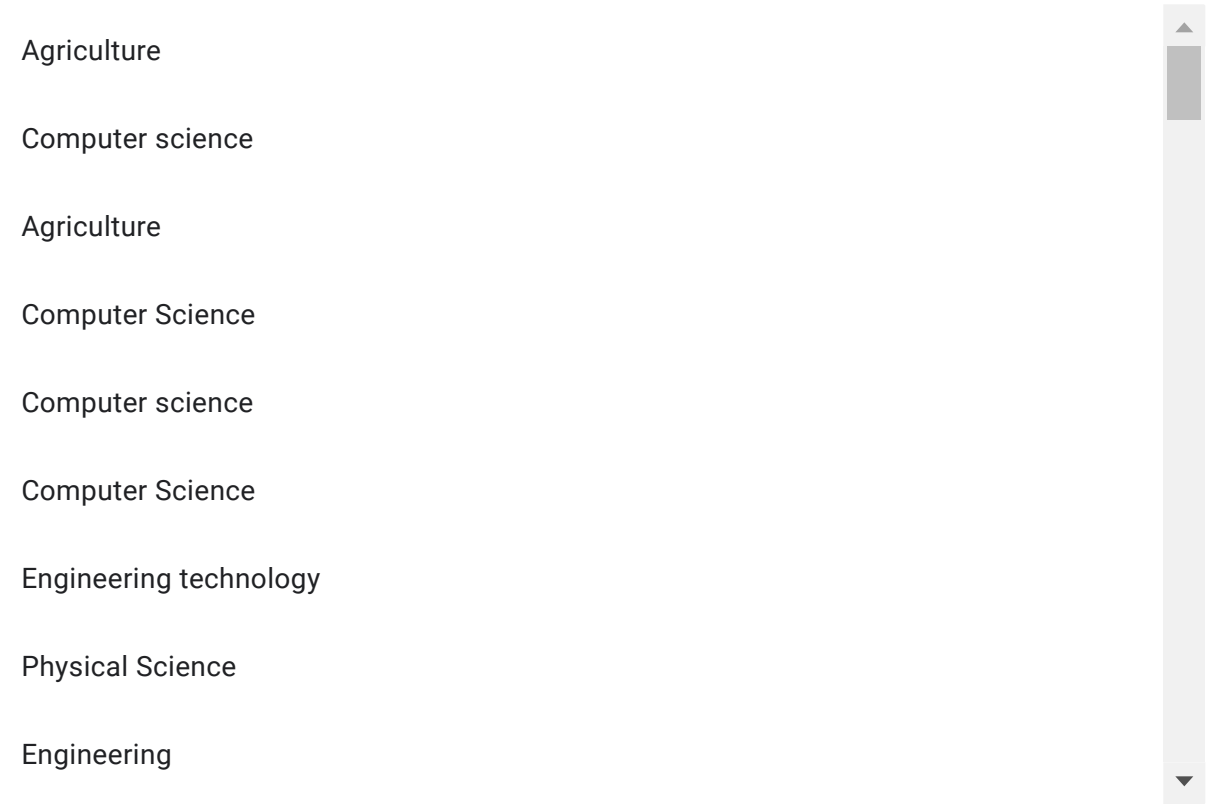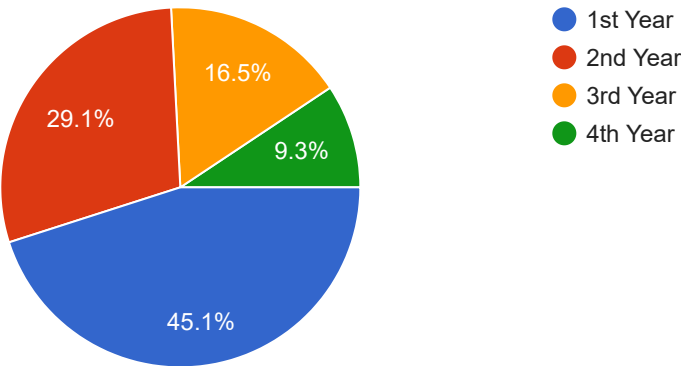
Frequency of using e-learning tools to gain knowledge

182 responses

- Everyday
- About 2–3 days a week
- About 1 day a week
- Never

86.3%
9.9%
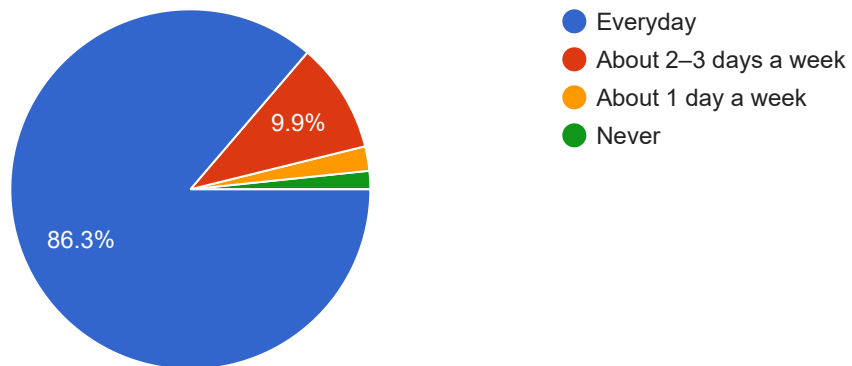
Devices owned by students

182 responses

- Smartphone
- Laptop
- Desktop computer
- Tablet
- Loans from university for devices

52.7%
41.8%
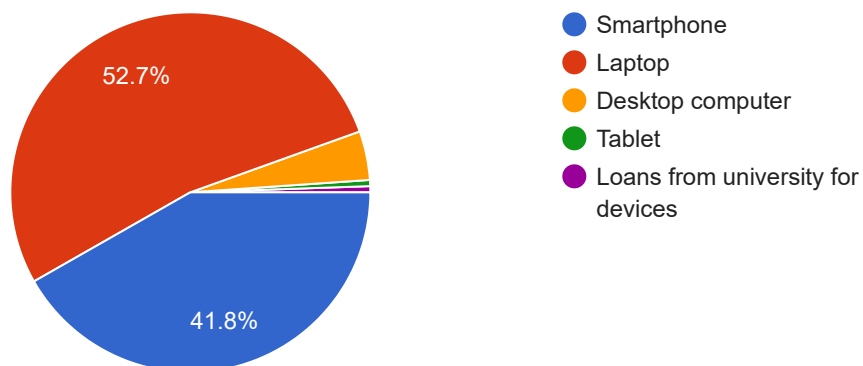
Student internet connection at home

182 responses

- Mobile broadband
- Landline connection
- No access to internet

24.7%
72.5%

List the e-learning platforms that you use

182 responses

ZOOM
LMS

Mobile phone

Moodle

LMS , Google ,You Tube

LMS, Zoom, Google Classroom
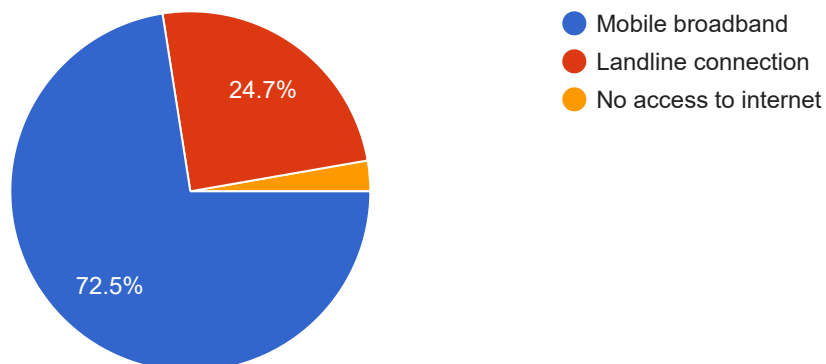
LMS, ZOOM, GOOGLE

Good one

OTHER (32)

Benefits of E-Learning

182 responses

Category	Value
Updated learning material	111 (61%)
Access study resources effectively	91 (50%)
Wide and diverse interactions	46 (25.3%)
Accommodates different types of learning styles	67 (36.8%)
Ease and quick share of educational material	107 (58.8%)
Flexibility in Time and Space	106 (58.2%)
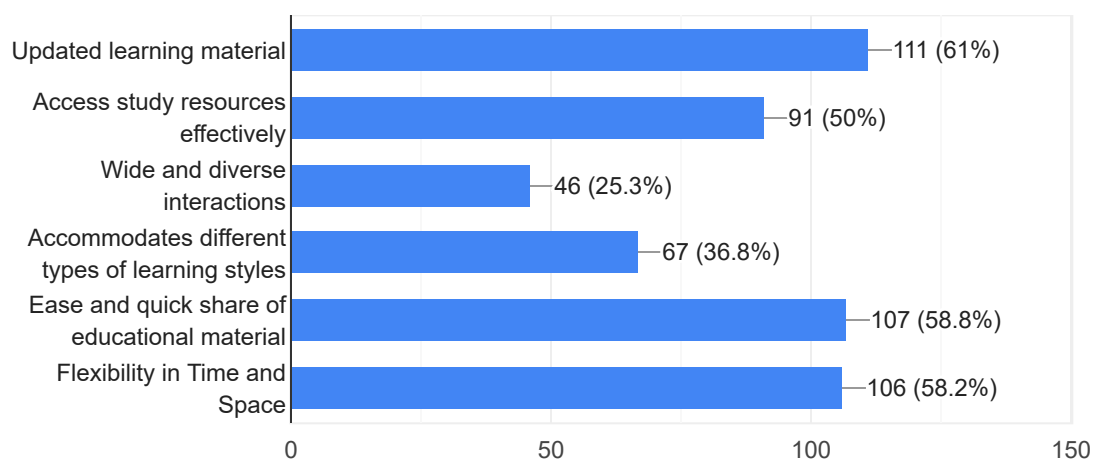
Students' knowledge have improved using e-learning.

182 responses

- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree

(44%, 6%, 39%)
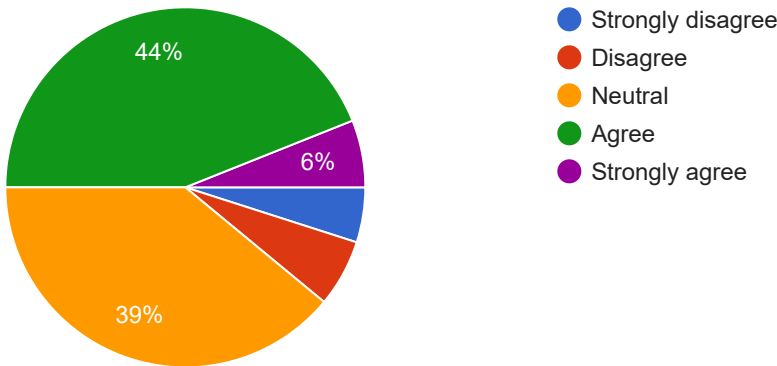
Students' Perceptions of E-learning towards knowledge

182 responses

- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree

(40.7%, 46.2%)
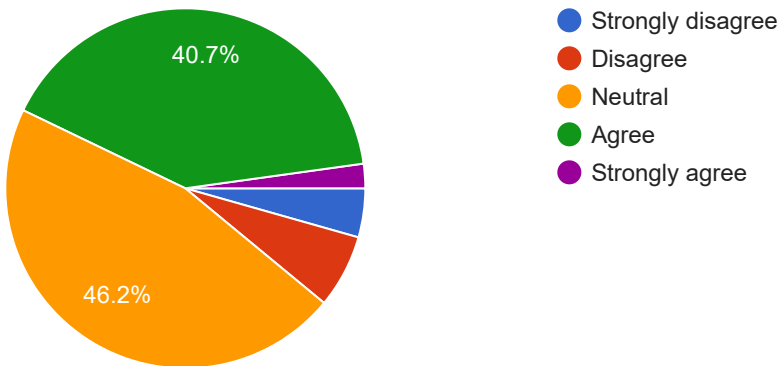
Perceived Ease of Use of E-learning

182 responses

Category	Value
E-learning platforms are…	88 (48.4%)
E-learning platforms are…	90 (49.5%)
E-learning service can si…	101 (55.5%)
The set-up of the e-learni…	40 (22%)
I dont prefer e- learning	1 (0.5%)
Connection problem,com…	1 (0.5%)
Difficult at start, later it's…	1 (0.5%)
It requires devices and th…	1 (0.5%)
Its not comfortable for lon…	1 (0.5%)
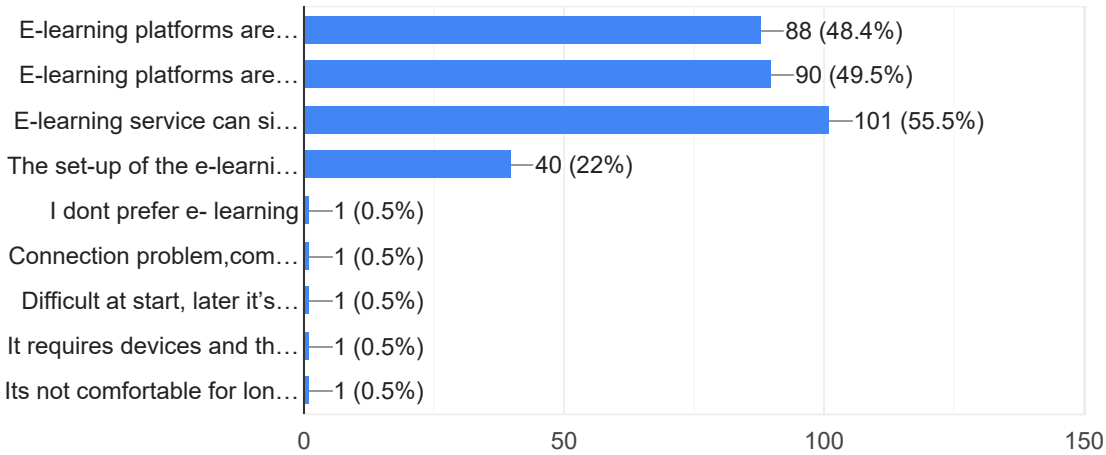
Student's perception on materials provided in e-learning platforms

182 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

45.1%
42.3%
6%
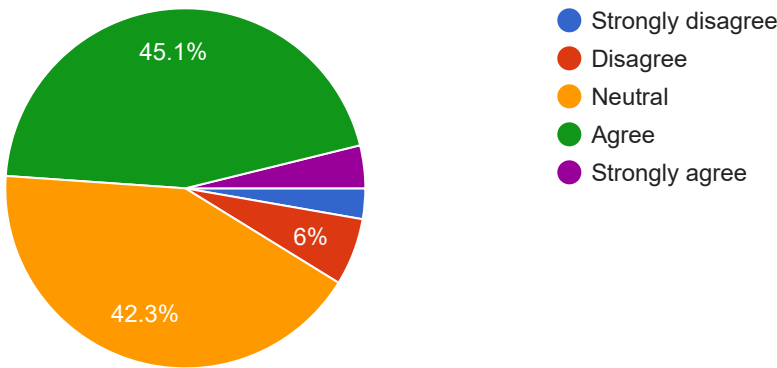
Challenges encountered by students in e-learning

182 responses

Category	Value
Poor internet connection	152 (83.5%)
Looking at phone or pers…	117 (64.3%)
Difficulty in online assess…	106 (58.2%)
Maintaining faculty–stude…	71 (39%)
Lack of team work/group…	97 (53.3%)
Lack of opportunity to en…	94 (51.6%)
Powercut in unexpected t…	1 (0.5%)
Sometimes It was poor In…	1 (0.5%)
Can't concentrate contin…	1 (0.5%)
Affecting eyes stress	1 (0.5%)
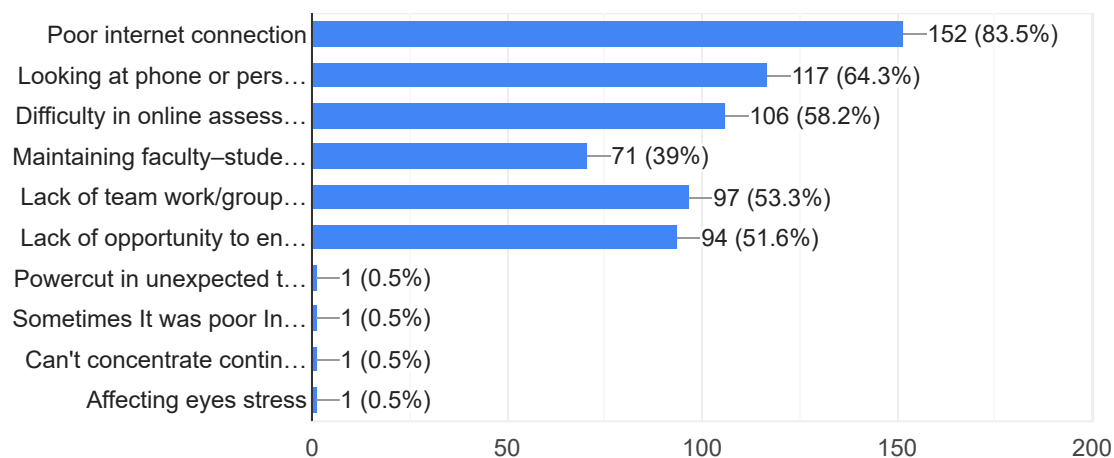
Overall satisfaction through e-learning

182 responses

Rating	Value
1	14 (7.7%)
2	4 (2.2%)
3	14 (7.7%)
4	15 (8.2%)
5	38 (20.9%)
6	35 (19.2%)
7	26 (14.3%)
8	23 (12.6%)
9	12 (6.6%)
10	1 (0.5%)
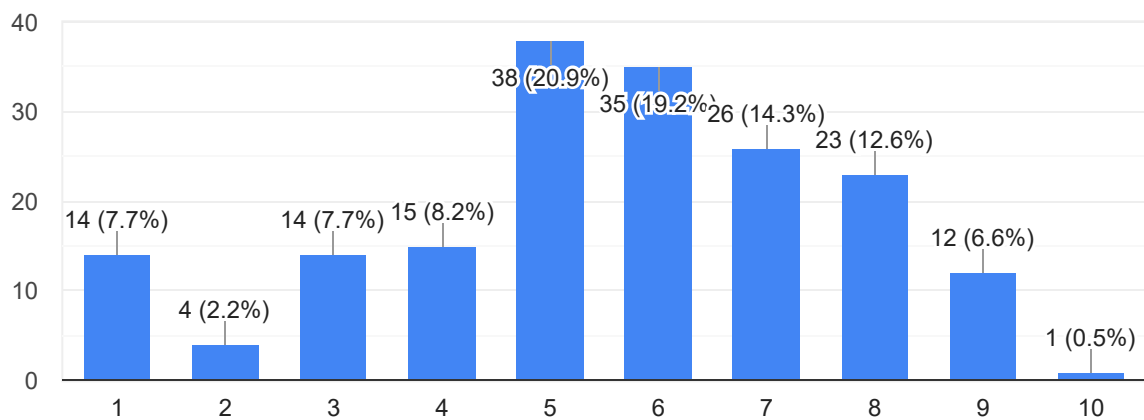
Subject related challenges faced by students

182 responses

	Value
Unable to access the library for materials	114 (62.6%)
Less interaction between lecturer and students	116 (63.7%)
Lack of hands on sessions and practical	109 (59.9%)
Stress due to online examination, increase nu…	107 (58.8%)
Inefficient group discussions	89 (48.9%)
Nothing	1 (0.5%)

Measures taken by academia to bring healthy e-learning environment

Legend: Strongly Agree, Agree, Not Sure, Disagree, Strongly Disagree

Categories: Increase the percentage of continuous assessment for final grading, Lectures with multiple polls and quizzes, Share the recording of the lecture, Allocate time …
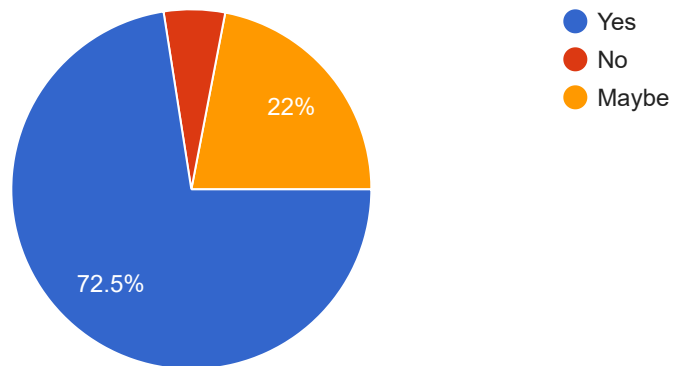
Measures taken by academia to bring healthy e-learning environment

No responses yet for this question.

Do you miss the traditional learning?
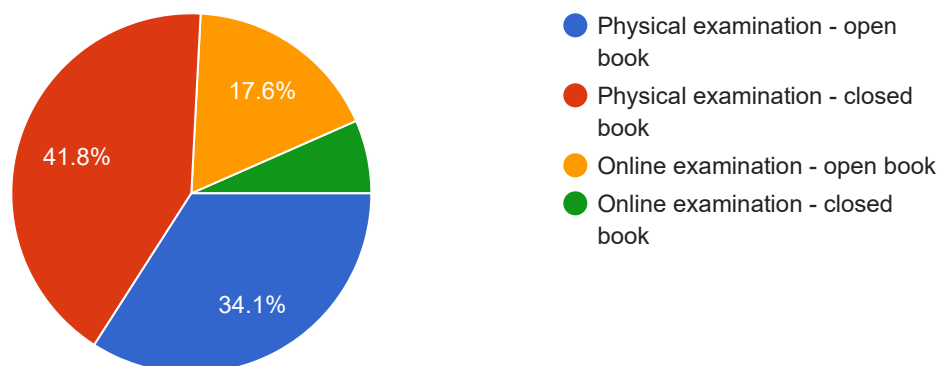
182 responses

- Yes
- No
- Maybe

72.5%
22%

Preferred mode of learning

182 responses

- In class lectures
- Online lectures
- Recorded lectures
- Mixture of all of the above

56%
11%
30.2%
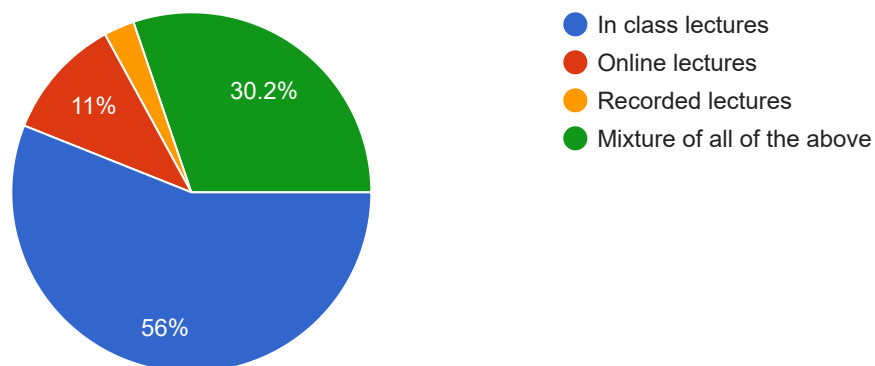
Preferred mode of examination

182 responses

- Physical examination - open book
- Physical examination - closed book
- Online examination - open book
- Online examination - closed book

41.8%
34.1%
17.6%

Google Forms