Online Teaching-Learning Feedback Report

The Institute of Home Economics conducted an online feedback using survey method to assess the effectiveness of the online teaching learning process undertaken during the pandemic of Covid19. The questionnaire was created using Google forms and was shared on the college website. The access was password protected to ensure access only to the students of IHE. 949 students filled the questionnaire, out of which 99.3% answered the survey for the first and only time. As Institute of Home Economics has both under-graduate and post-graduate courses; the responses were from both the levels. 94.7% of the responses were received from under-graduate students. This is because the college has more students at that level. If we look at the course wise distribution of responses, maximum number of responses was received from Home science (51.8%) followed by M.Sc. in Food and Nutrition (12.9%) B.El.Ed (9.4%) and B.Sc. (Hons) Microbiology (7.7 %). Semester 2 students actively participated in the survey with a representation of (28.7%), followed by Semester 4 (24.9%) and semester 6 (23.9%). In B.El.Ed, however, all the 4 years had almost same level of participation.

The students were asked about their experience of teaching learning process adopted in the last semester. When asked about quality of the online teaching-learning process adopted during the lockdown, 71% students reported it to be from fair to good. 11.7% thought it was very good and 13.2% thought it was excellent. 85.4% students rated the capability of teachers to handle online teaching from fair to very good. In spite of high rating to teacher's capability to take online classes, 66.1% students still preferred offline mode of teaching. The reasons for giving preference to offline teaching could have been the problems faced by students during online teaching learning process. Network issue was stated as the biggest problem faced by students during online classes. Almost equal numbers of students felt that it was easy and difficult to understand the concepts via online teaching. 77.6% students believed that handouts or notes shared on online portal were clear, helpful, and easy to understand but only 55 % felt that notes and handouts uploaded were equivalent to classes attended. And in terms of accessibility of these notes and handouts, 75% of the respondents were satisfied. 85.1% of the students reported facing network and other challenges during online classes. Network issue was the problem that maximum number of students faced (47.8%) followed by difficulty in understanding (12.5%). The two other issues were unclear voice of the instructors (11.9%) and distractions (10 %). Students also mentioned decreased or no social interactions as one of the major issue in online teaching.

The students reported that the main advantage of online training is the reduced cost and time because of not having to commute to college, which also left them less exhausted. Some other benefits included convenience and ease of being at home, flexibility in terms of timings providing them extra time to do self-study, availability of study material, access to experts through virtual media and safety in times of COVID pandemic. In spite of the advantages mentioned by the students' approx. 60% of the students mentioned that they did not enjoy learning through online mode and missed offline teaching. Mixed reviews by students suggested the reason for the same was feeling frustrated and overburdened during the entire course of online teaching (51.7%) because of increased work pressure, network issues, distractions in the home environment, short deadlines, whereas 48.3% of students were fine with the process. Over 50% of the students did online research regarding some topics while taking the course for better understanding of topics as they did not have access to the various libraries and sometimes lost information due to network issues. Nearly 70% reported that their teachers were well prepared to conduct the class via online learning. Majority of them stated that they enjoyed listening to the teachers (74.4%) in comparison to only accessing the uploaded notes and handouts. Also above 50% of students found the assignments, quiz and test held during the online mode of teaching quite relevant.

Students (51.7%) reported that they were spending either 4-5 hours or more time in completion of activities related to the class. Though this time seemed to be more to the students they mentioned to be quite satisfied (68.3%) and happy with the contact time they received from the faculty. They also reported that teachers were punctual in taking classes and were always available for any sort of doubt clearance. Therefore 74.5% of students stated that all course related doubts got cleared by the faculty. Inspite of the benefits mentioned regarding online teaching process almost 70% of the students did not want online teaching to be continued in the next semester and wanted to join back college. However in case of further continuation of the online teaching in the next semester 60% of them opted for scheduling classes for less than 4 hours a day. In addition they also wanted them to be spaced out during the day (71.2%) rather than being held one after the other. The portal most preferred as being user friendly for online teaching was google meet (46.2%) followed by zoom meet (37.1%). Also around 75% students rated good, very good and excellent to the quality of multimedia in the class. The methods listed by students as best medium for online teaching were lectures via online portal (40.9%), power point presentation (20.4%) and access to notes for doubt clearance (28.3%). More than 50% students suggested assignments as one of the appropriate methods of assessment for online

teaching learning. Also, most of the respondents (62.8%) felt that assessment should be formative i.e. on regular basis.

Some suggestions to improve the understanding of the course content by the students included an easy access to online library, giving quiz or test after each lecture, provision of ebooks, practical manuals, videos of the recoded lectures, more group discussions and fixed time tables. 61.4% of students reported that these online classes met their expectation from the course. Additionally, around 75% of them were happy about the online classes and rated then as good, very good or excellent.

Annexure

Please confirm this is the first and only time you are answering this survey

950 responses

● Yes
● No

99.3%
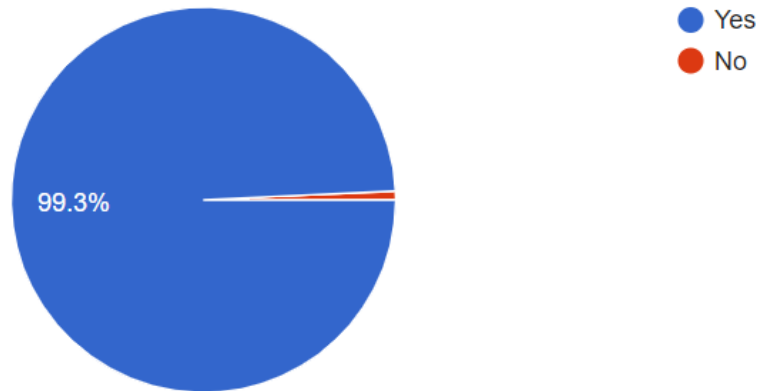
What degree program are you pursuing now?

950 responses

● Bachelor's
● Master's
● Diploma

94.7%
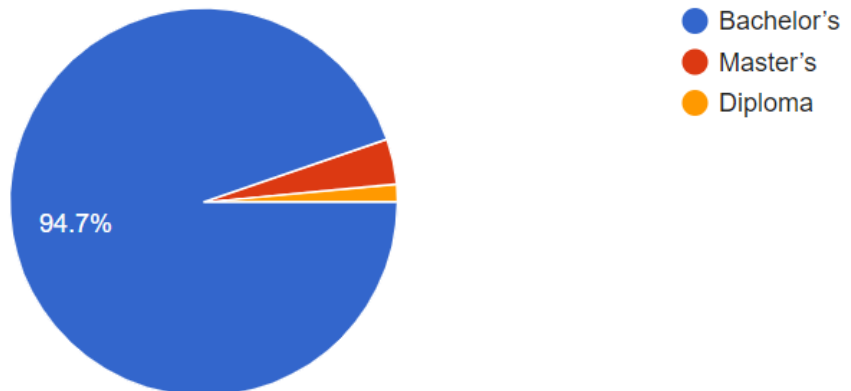
What subject area are you currently pursuing?

950 responses

- Biochemistry
- B. El. Ed.
- Fabric Apparel and design
- Food and Nutrition
- Food Technology
- Home Science
- Journalism
- Microbiology

51.8%
7.7%
12.8%
9.4%
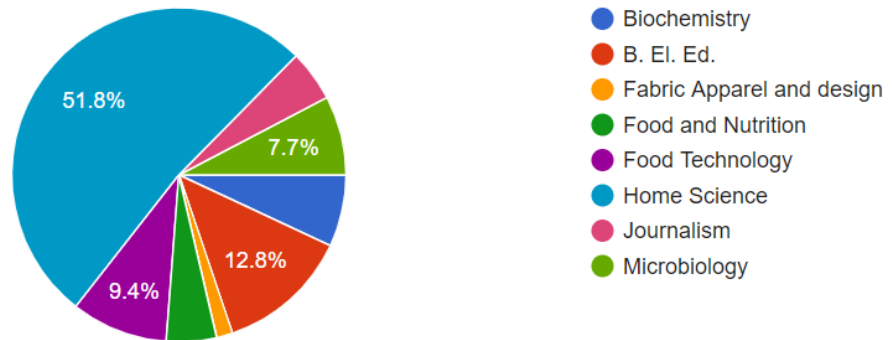
In which semester are you presently studying?

850 responses

- Semester 1
- Semester 2
- Semester 3
- Semester 4
- Semester 5
- Semester 6

10.2%
23.9%
24.8%
10.9%
28.7%
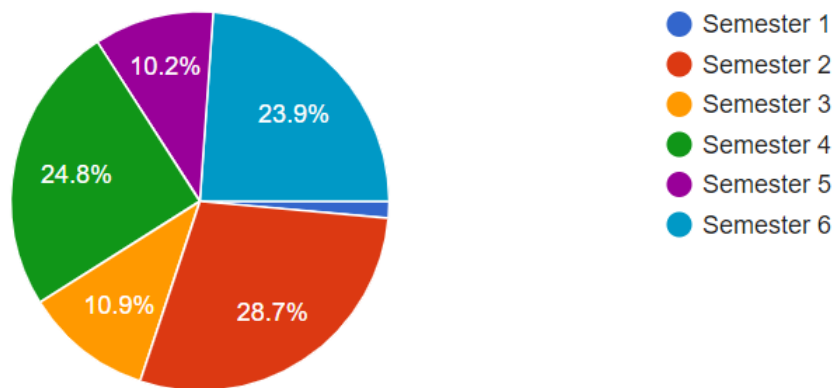
In which year are you presently studying (FOR B.EI.ED ONLY)?

167 responses

- Semester 1
- Semester 2
- Semester 3
- Semester 4

27.5%
21%
29.3%
22.2%
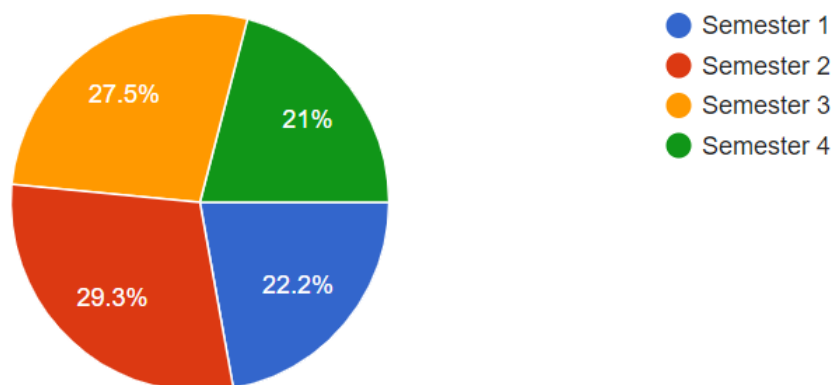
How did you find the online teaching-learning process adopted during the lockdown?

950 responses

- Excellent
- Very Good
- Good
- Fair
- Poor

Fair 36%
Poor 13.2%
Very Good 11.7%
Good 34.9%
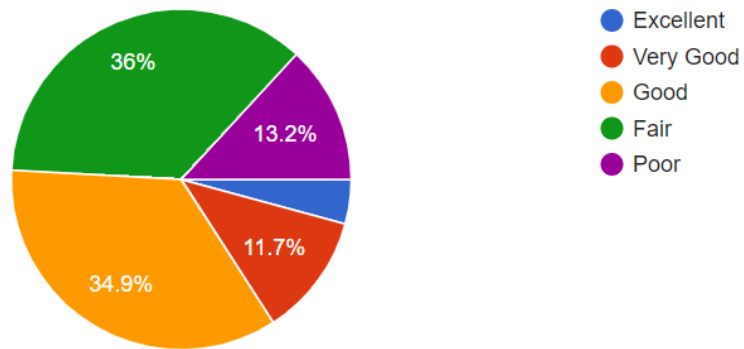
How do you rate the capability of teachers to handle Online Teaching?

950 responses

- Excellent
- Very Good
- Good
- Fair
- Poor

Fair 27.1%
Good 37.4%
Excellent 8.8%
Very Good 20.9%
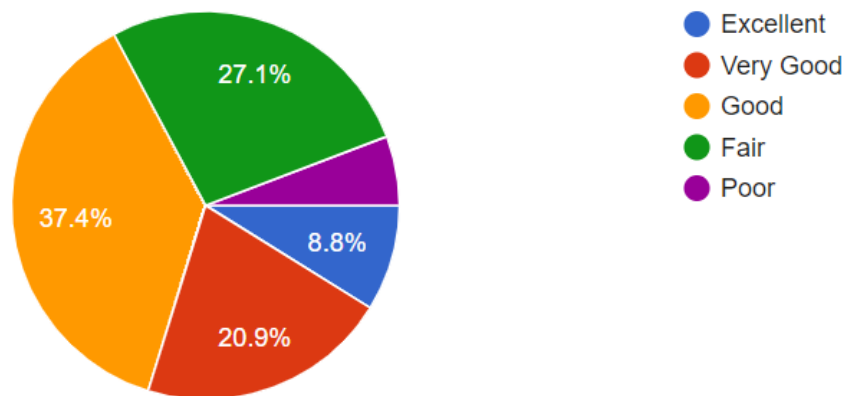
How do you rate retention through the Online method of teaching?

950 responses

- Excellent
- Very Good
- Good
- Fair
- Poor

Fair 36.8%
Poor 15.2%
Very Good 9.4%
Good 35.9%
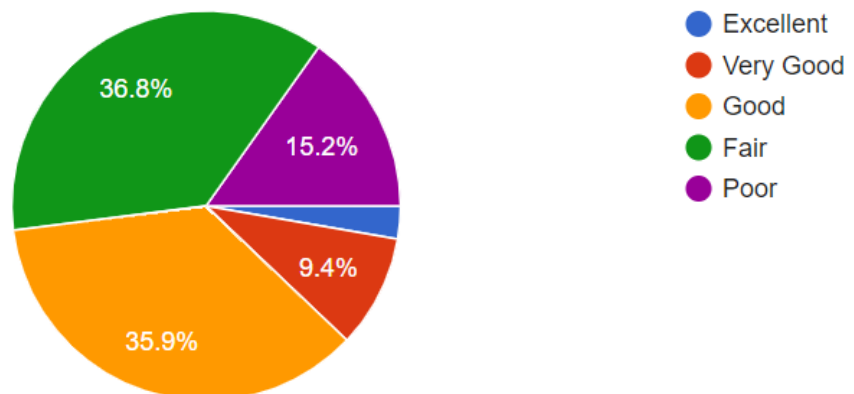
Do you prefer the online mode of teaching over the offline mode of teaching?

950 responses

- Yes
- No
- Not Sure

24.7%

9.2%

66.1%
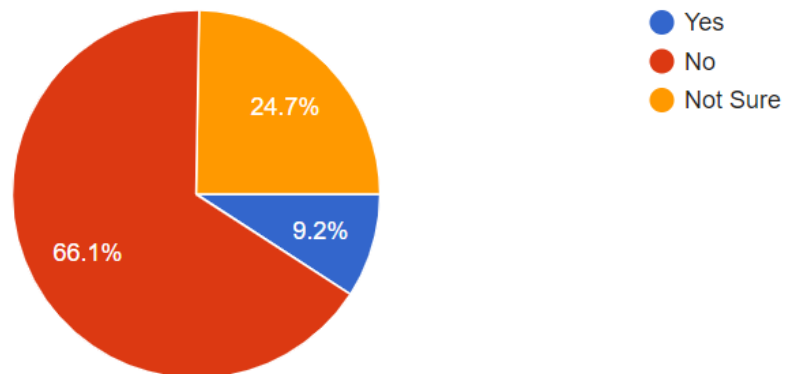
How easy or difficult was it to understand the concepts via online teaching?

950 responses

- Very Easy
- Easy
- Difficult
- Unable to understand

44.9%

11.8%

41.4%
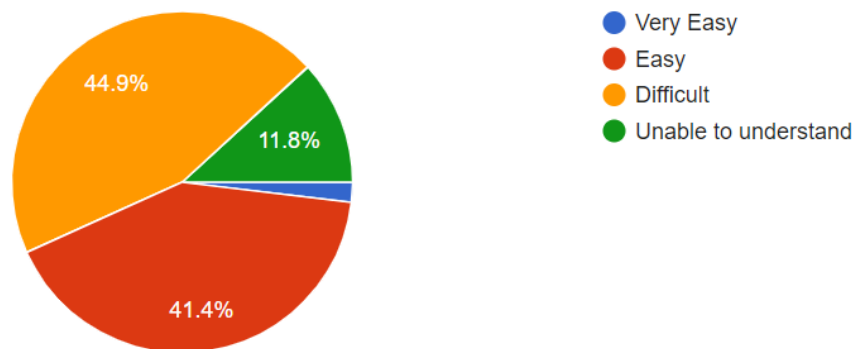
Were the handouts and notes uploaded on the portal clear, helpful and easy to understand?

950 responses

- Yes
- No

22.4%

77.6%
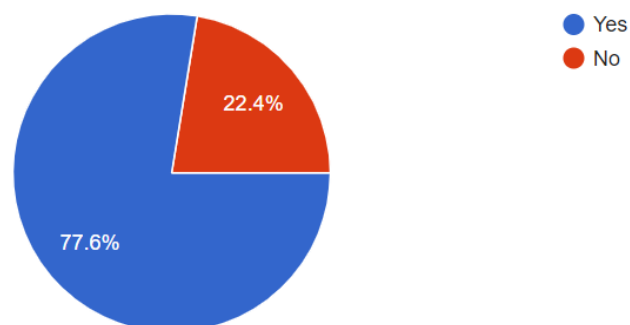
Were the notes and handouts uploaded equivalent to a class attended?

950 responses

- Yes
- No

42.5%

57.5%
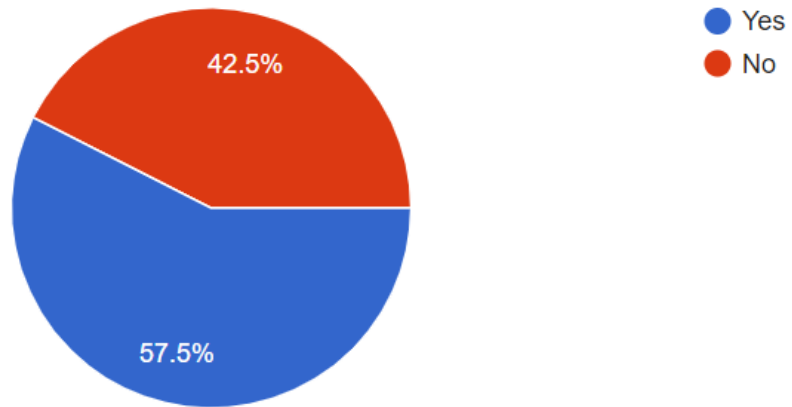
Were you able to easily access the resources?

950 responses

- Yes
- No

24.8%

75.2%
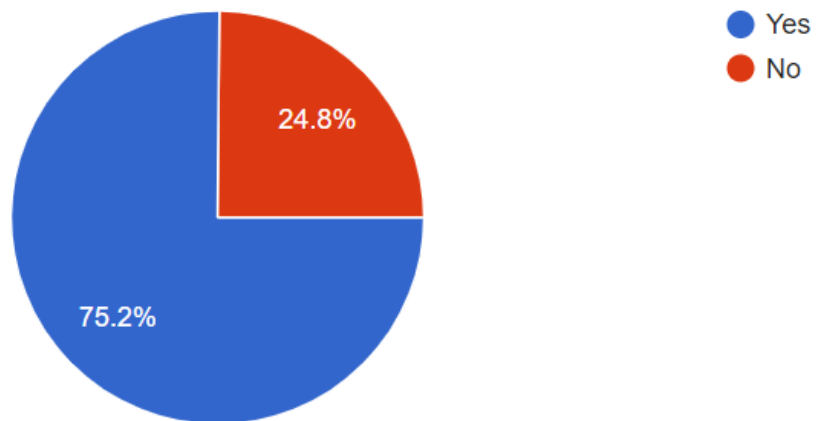
Were there any issues/ challenges faced during or regarding the online classes:

950 responses

- Yes
- No

14.8%

85.2%
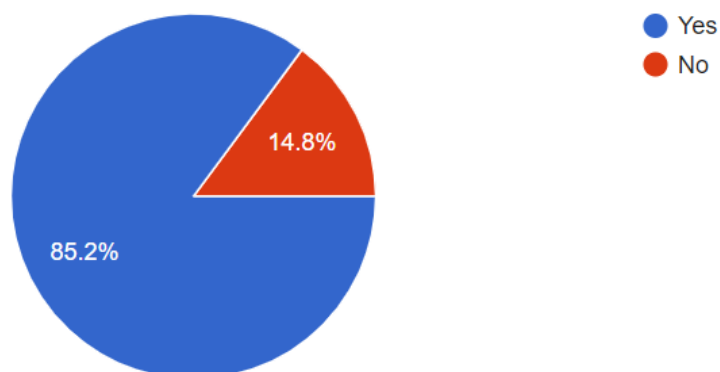
If yes please mention what were they:

950 responses

- Not able to join the online sessions because of network issues
- Not able to join the online sessions be…
- Unavailability of phone/laptop
- Not able to download the course content
- The voice of the instructor was not clear
- Had difficulty in understanding
- Distractions
- Isolation
- Other

47.9%
12.5%
10%
9.2%
11.9%
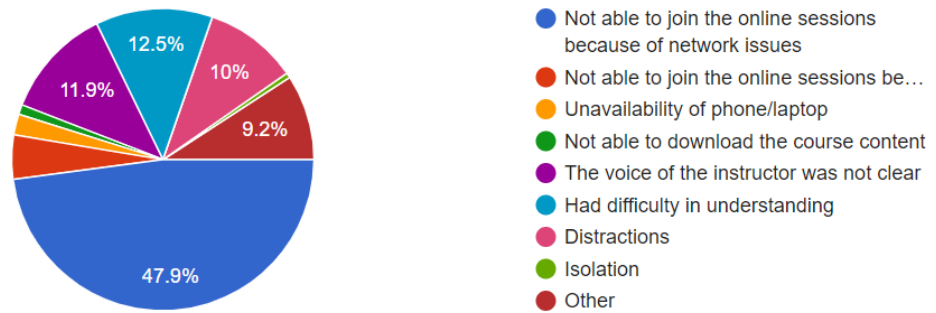
What according to you are the advantages of Online teaching?

950 responses

- Convenience
- Flexibility
- Documentation
- Access to experts
- Reduced cost and time
- Any Other

40%
22.5%
21.8%
8.2%
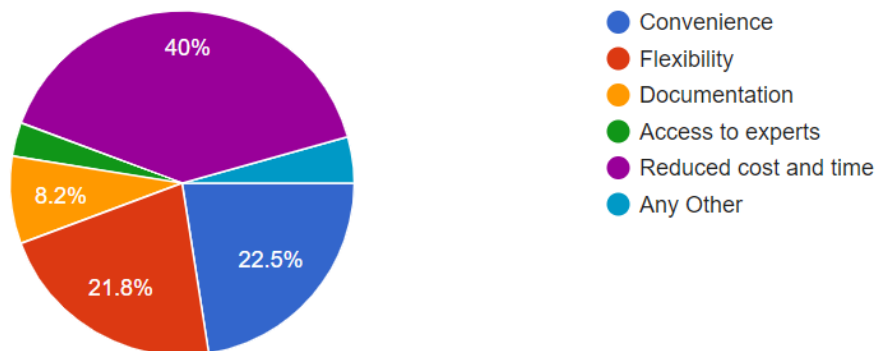
Did you enjoy learning through online mode?

950 responses

- Yes
- No

60.7%
39.3%
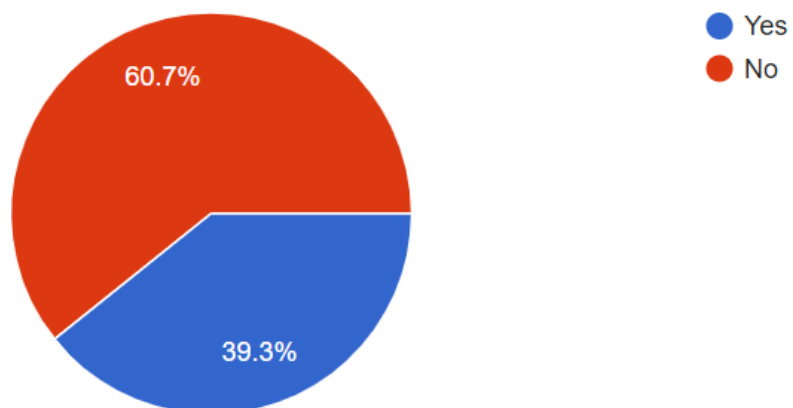
Did you feel frustrated or overburdened during the entire course of online teaching?

950 responses

- Yes
- No

51.7%

48.3%
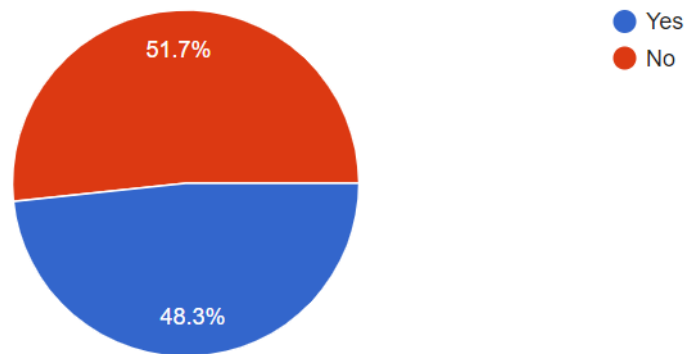
Did you Google/research some topics while taking the course?

950 responses

- Yes
- No

47.1%

52.9%
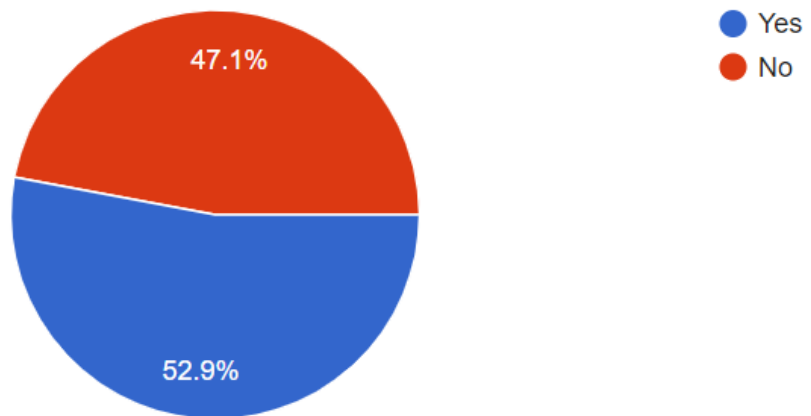
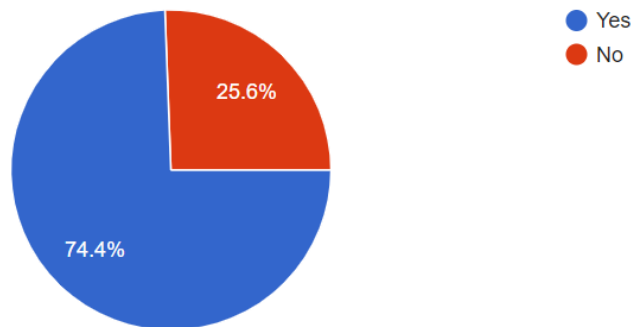## Do you think that the teachers/ instructors' were well prepared to conduct the class via online learning?

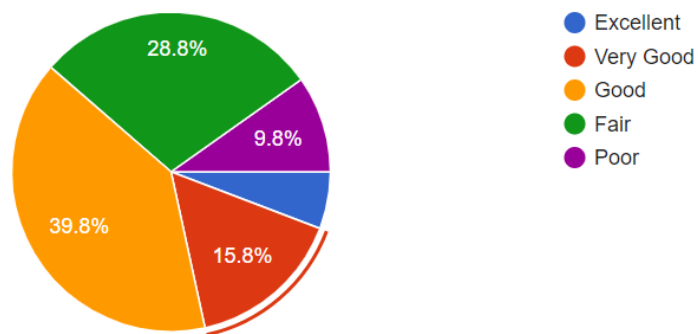950 responses

- Yes
- No

30.7%

69.3%
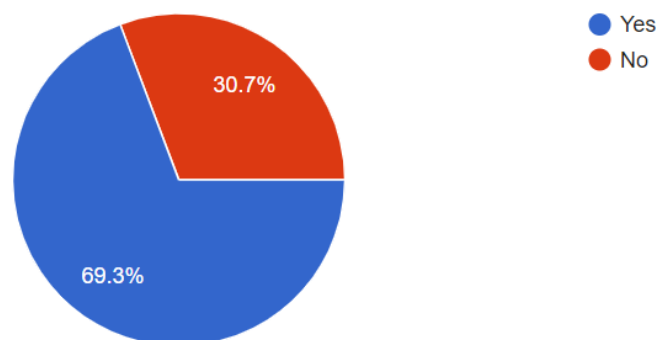
Some teachers uploaded recorded lectures or took virtual classes on certain topics. Did you prefer listening to the teachers when compared to notes and handouts uploaded?
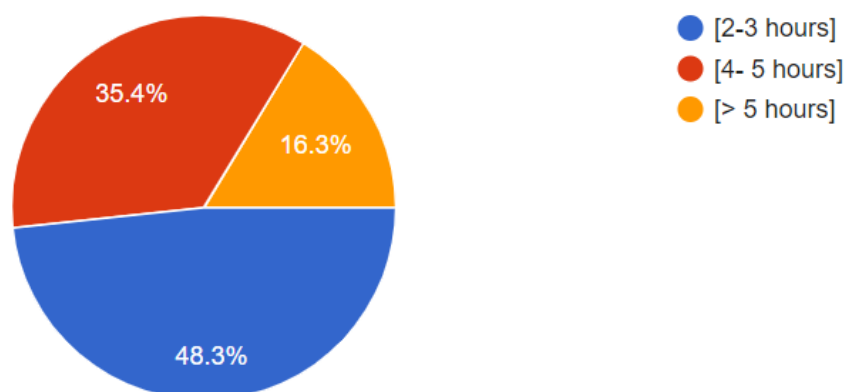
950 responses

- Yes
- No

74.4%
25.6%

As per the given scale how would you rate the relevance of assignments, quiz and test held during the online mode of teaching?
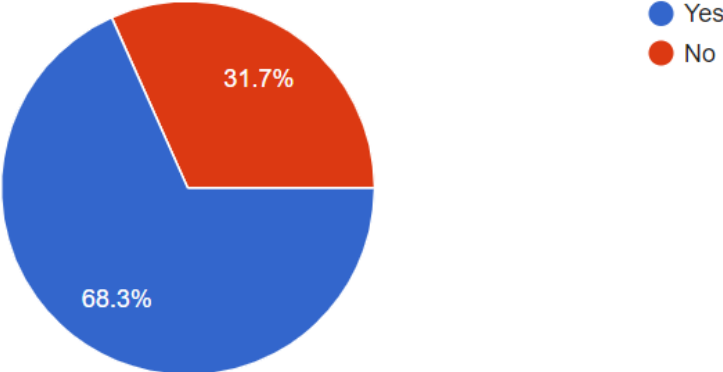
950 responses

- Excellent
- Very Good
- Good
- Fair
- Poor

28.8%
9.8%
39.8%
15.8%

How many hours did you spend completing activities related to the class?

950 responses

- [2-3 hours]
- [4- 5 hours]
- [> 5 hours]

35.4%
16.3%
48.3%

Was the amount of contact time you received from your faculty satisfactory?

950 responses

- Yes
- No

31.7%

68.3%

Were all your course related doubts cleared by your faculty?

950 responses

- Yes
- No

25.5%

74.5%
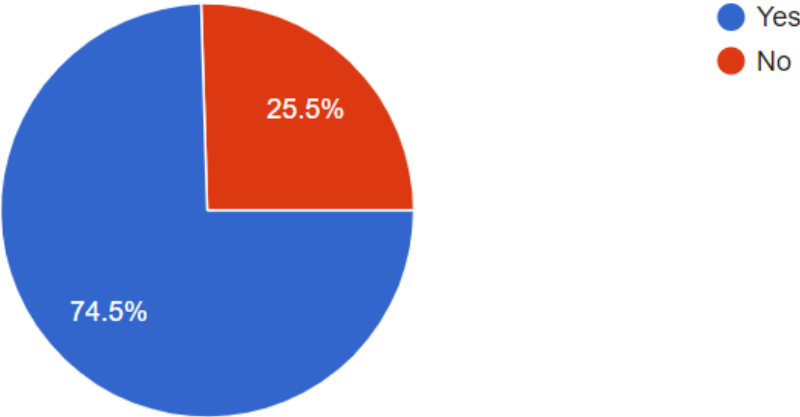
Do you think you would want online teaching in the next semester?

950 responses

- Yes
- No

70.4%

29.6%
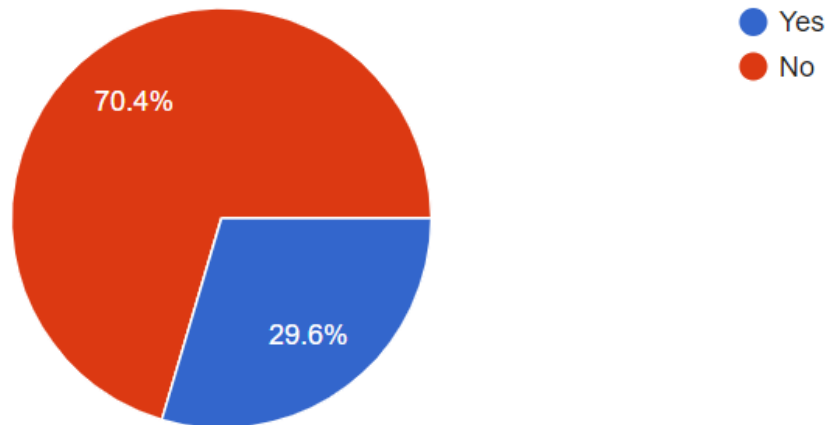
How much time should be allotted per day for Online Teaching in the next semester?
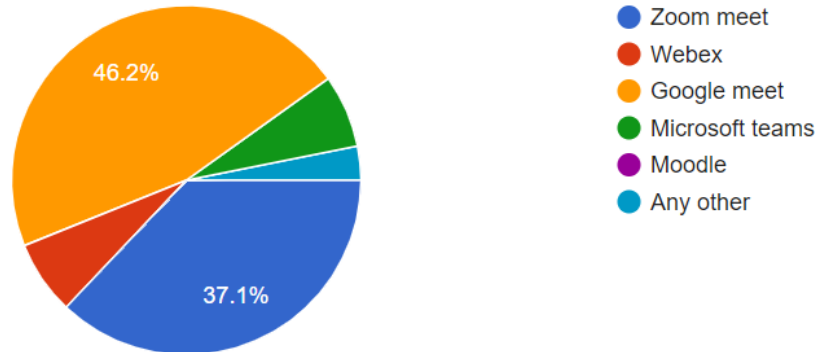
950 responses

- [< 4 hours]
- [4-5 hours]
- [> 5 hours]

34.1%

60%
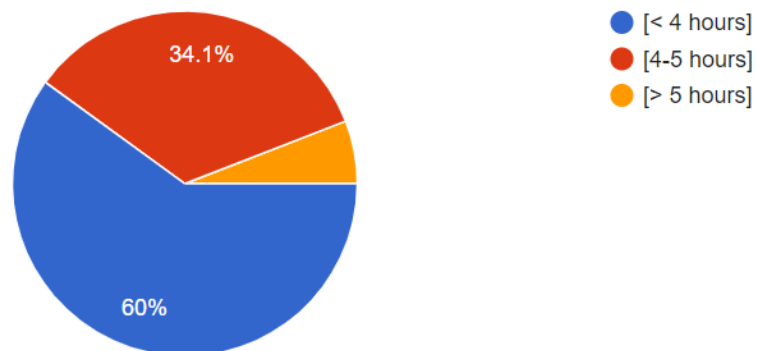
Should the classes be held one after the other or do you think they should be spaced out during the day?

950 responses

- One after the other
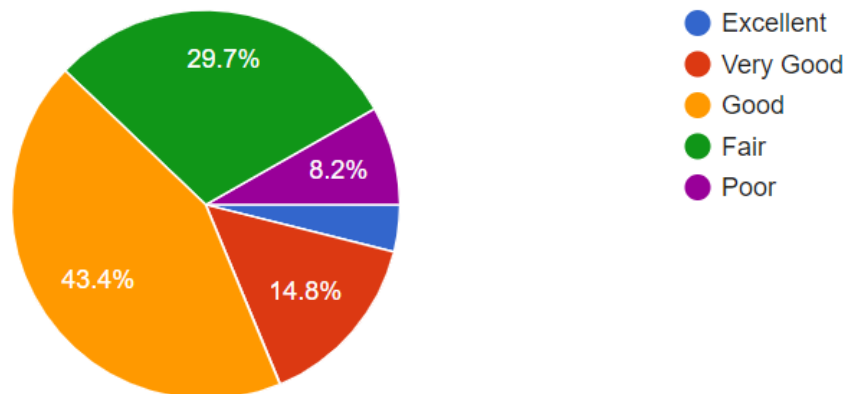- Spaced out during the day

71.2%

28.8%
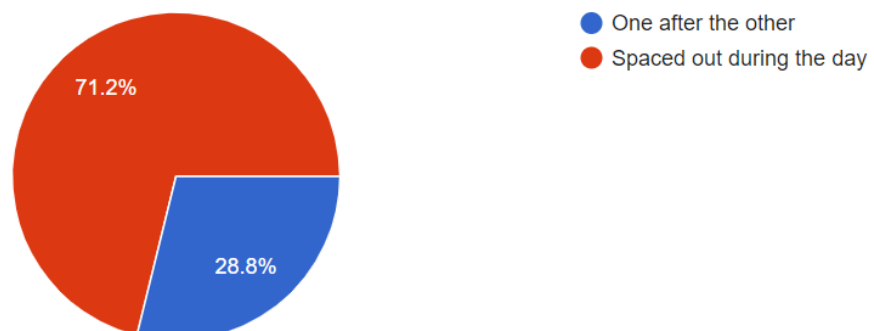
According to you, which Learning Management Systems are user friendly for online teaching?
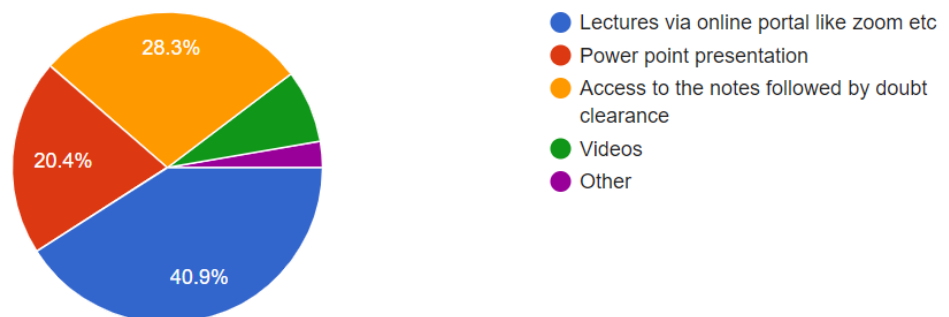
950 responses

- Zoom meet
- Webex
- Google meet
- Microsoft teams
- Moodle
- Any other

46.2%

37.1%

How would you rate the quality of multimedia used in the class?

950 responses

- Excellent
- Very Good
- Good
- Fair
- Poor

29.7%

8.2%

43.4%

14.8%

Which among the below methods were the best medium for online teaching:

950 responses

- Lectures via online portal like zoom etc
- Power point presentation
- Access to the notes followed by doubt clearance
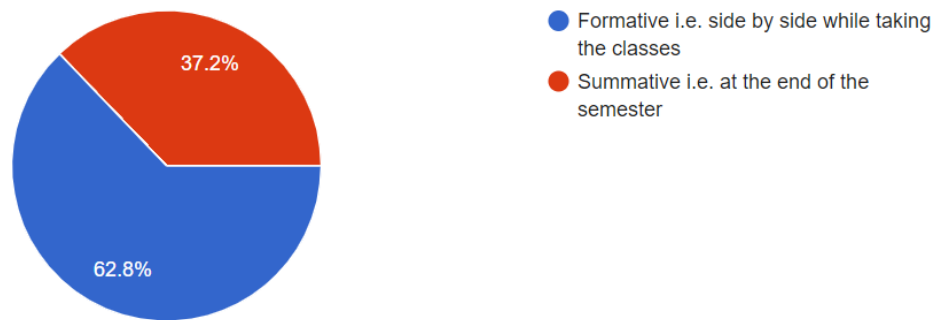- Videos
- Other

28.3%

20.4%

40.9%

What should be the various methods of assessment that you would suggest for online teaching-learning?

950 responses

- ● Quiz
- ● Assignment
- ● Test
- ● Presentation
- ● Other

55.6%
18.8%
17.8%
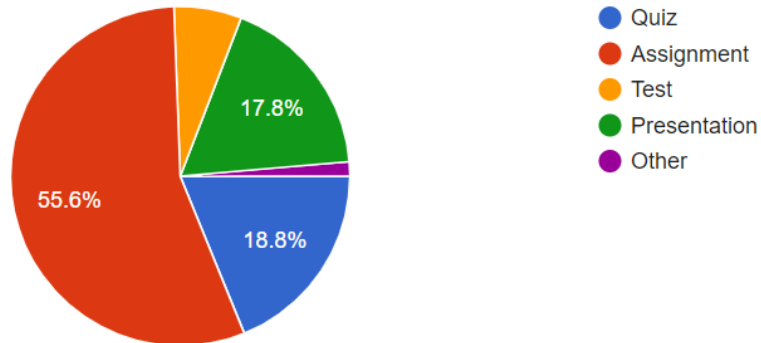
How often should the assessment be done?

950 responses

- ● Formative i.e. side by side while taking the classes
- ● Summative i.e. at the end of the semester

37.2%
62.8%

How would you compare the online teaching to your expectations from the course

950 responses

- ● Fully met my expectations
- ● Not to my expectations
- ● Partly met my expectations

61.4%
11.6%
27.1%
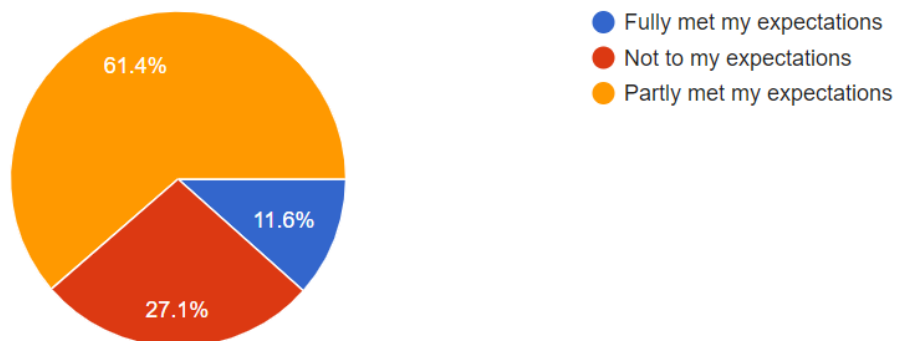
How would you rate the overall online teaching-learning method

950 responses

Legend:
- Excellent
- Very Good
- Good
- Fair
- Poor

35.2%
10.8%
37.2%
12%